Table A1

DRAFT

Central Bank Survey of Foreign Exchange and Derivatives Market Activity
FOREIGN EXCHANGE CONTRACTS [1]
Turnover in nominal or notional principal amounts in April 2019
(in millions of USD)

Instruments	USD against																						
	AUD	BRL	CAD	CHF	CNY	EUR	GBP	HKD	INR	JPY	KRW	MXN	NOK	NZD	PLN	RUB	SEK	SGD	TRY	TWD	ZAR	Other [2]	TOT
SPOT [3]																							
with reporting dealers	FXDMAA00	FXDMAA60	FXDMAB21	FXDMAB81	FXDMAC41	FXDMAD02	FXDMAD62	FXDMAE22	FXDMAE82	FXDMAF43	FXDMAG03	FXDMAG64	FXDMAH24	FXDMAH84	FXDMAJ44	FXDMAK04	FXDMAK65	FXDMAL25	FXDMAL85	FXDMAM45	FXDMAN06	FXDMAN66	FXDMAP27
local	FXDMAA01	FXDMAA61	FXDMAB22	FXDMAB82	FXDMAC42	FXDMAD03	FXDMAD63	FXDMAE23	FXDMAE83	FXDMAF44	FXDMAG04	FXDMAG65	FXDMAH25	FXDMAH85	FXDMAJ45	FXDMAK05	FXDMAK66	FXDMAL26	FXDMAL86	FXDMAM46	FXDMAN07	FXDMAN67	FXDMAP28
cross-border	FXDMAA02	FXDMAA62	FXDMAB23	FXDMAB83	FXDMAC43	FXDMAD04	FXDMAD64	FXDMAE24	FXDMAE84	FXDMAF45	FXDMAG05	FXDMAG66	FXDMAH26	FXDMAH86	FXDMAJ46	FXDMAK06	FXDMAK67	FXDMAL27	FXDMAL87	FXDMAM47	FXDMAN08	FXDMAN68	FXDMAP29
with other financial institutions	FXDMAA03	FXDMAA63	FXDMAB24	FXDMAB84	FXDMAC44	FXDMAD05	FXDMAD65	FXDMAE25	FXDMAE85	FXDMAF46	FXDMAG06	FXDMAG67	FXDMAH27	FXDMAH87	FXDMAJ47	FXDMAK07	FXDMAK68	FXDMAL28	FXDMAL88	FXDMAM48	FXDMAN09	FXDMAN69	FXDMAP30
local	FXDMAA04	FXDMAA64	FXDMAB25	FXDMAB85	FXDMAC45	FXDMAD06	FXDMAD66	FXDMAE26	FXDMAE86	FXDMAF47	FXDMAG07	FXDMAG68	FXDMAH28	FXDMAH88	FXDMAJ48	FXDMAK08	FXDMAK69	FXDMAL29	FXDMAL89	FXDMAM49	FXDMAN10	FXDMAN70	FXDMAP31
cross-border	FXDMAA05	FXDMAA65	FXDMAB26	FXDMAB86	FXDMAC46	FXDMAD07	FXDMAD67	FXDMAE27	FXDMAE87	FXDMAF48	FXDMAG08	FXDMAG69	FXDMAH29	FXDMAH89	FXDMAJ49	FXDMAK09	FXDMAK70	FXDMAL30	FXDMAL90	FXDMAM50	FXDMAN11	FXDMAN71	FXDMAP32
non-reporting banks	FXDMAA06	FXDMAA66	FXDMAB27	FXDMAB87	FXDMAC47	FXDMAD08	FXDMAD68	FXDMAE28	FXDMAE88	FXDMAF49	FXDMAG09	FXDMAG70	FXDMAH30	FXDMAH90	FXDMAJ50	FXDMAK10	FXDMAK71	FXDMAL31	FXDMAL91	FXDMAM51	FXDMAN12	FXDMAN72	FXDMAP33
institutional investors	FXDMAA07	FXDMAA67	FXDMAB28	FXDMAB88	FXDMAC48	FXDMAD09	FXDMAD69	FXDMAE29	FXDMAE89	FXDMAF50	FXDMAG10	FXDMAG71	FXDMAH31	FXDMAH91	FXDMAJ51	FXDMAK11	FXDMAK72	FXDMAL32	FXDMAL92	FXDMAM52	FXDMAN13	FXDMAN73	FXDMAP34
hedge funds and proprietary trading firms	FXDMAA08	FXDMAA68	FXDMAB29	FXDMAB89	FXDMAC49	FXDMAD10	FXDMAD70	FXDMAE30	FXDMAE90	FXDMAF51	FXDMAG11	FXDMAG72	FXDMAH32	FXDMAH92	FXDMAJ52	FXDMAK12	FXDMAK73	FXDMAL33	FXDMAL93	FXDMAM53	FXDMAN14	FXDMAN74	FXDMAP35
official sector financial institutions	FXDMAA09	FXDMAA69	FXDMAB30	FXDMAB90	FXDMAC50	FXDMAD11	FXDMAD71	FXDMAE31	FXDMAE91	FXDMAF52	FXDMAG12	FXDMAG73	FXDMAH33	FXDMAH93	FXDMAJ53	FXDMAK13	FXDMAK74	FXDMAL34	FXDMAL94	FXDMAM54	FXDMAN15	FXDMAN75	FXDMAP36
others	FXDMAA10	FXDMAA70	FXDMAB31	FXDMAB91	FXDMAC51	FXDMAD12	FXDMAD72	FXDMAE32	FXDMAE92	FXDMAF53	FXDMAG13	FXDMAG74	FXDMAH34	FXDMAH94	FXDMAJ54	FXDMAK14	FXDMAK75	FXDMAL35	FXDMAL95	FXDMAM55	FXDMAN16	FXDMAN76	FXDMAP37
undistributed	FXDMAA11	FXDMAA71	FXDMAB32	FXDMAB92	FXDMAC52	FXDMAD13	FXDMAD73	FXDMAE33	FXDMAE93	FXDMAF54	FXDMAG14	FXDMAG75	FXDMAH35	FXDMAH95	FXDMAJ55	FXDMAK15	FXDMAK76	FXDMAL36	FXDMAL96	FXDMAM56	FXDMAN17	FXDMAN77	FXDMAP38
with non-financial customers	FXDMAA12	FXDMAA72	FXDMAB33	FXDMAB93	FXDMAC53	FXDMAD14	FXDMAD74	FXDMAE34	FXDMAE94	FXDMAF55	FXDMAG15	FXDMAG76	FXDMAH36	FXDMAH96	FXDMAJ56	FXDMAK16	FXDMAK77	FXDMAL37	FXDMAL97	FXDMAM57	FXDMAN18	FXDMAN78	FXDMAP39
local	FXDMAA13	FXDMAA73	FXDMAB34	FXDMAB94	FXDMAC54	FXDMAD15	FXDMAD75	FXDMAE35	FXDMAE95	FXDMAF56	FXDMAG16	FXDMAG77	FXDMAH37	FXDMAH97	FXDMAJ57	FXDMAK17	FXDMAK78	FXDMAL38	FXDMAL98	FXDMAM58	FXDMAN19	FXDMAN79	FXDMAP40
cross-border	FXDMAA14	FXDMAA74	FXDMAB35	FXDMAB95	FXDMAC55	FXDMAD16	FXDMAD76	FXDMAE36	FXDMAE96	FXDMAF57	FXDMAG17	FXDMAG78	FXDMAH38	FXDMAH98	FXDMAJ58	FXDMAK18	FXDMAK79	FXDMAL39	FXDMAL99	FXDMAM59	FXDMAN20	FXDMAN80	FXDMAP41
TOTAL SPOT	FXDMAA15	FXDMAA75	FXDMAB36	FXDMAB96	FXDMAC56	FXDMAD17	FXDMAD77	FXDMAE37	FXDMAE97	FXDMAF58	FXDMAG18	FXDMAG79	FXDMAH39	FXDMAH99	FXDMAJ59	FXDMAK19	FXDMAK80	FXDMAL40	FXDMAM00	FXDMAM60	FXDMAN21	FXDMAN81	FXDMAP42
o/w prime brokered	FXDMAA16	FXDMAA76	FXDMAB37	FXDMAB97	FXDMAC57	FXDMAD18	FXDMAD78	FXDMAE38	FXDMAE98	FXDMAF59	FXDMAG19	FXDMAG80	FXDMAH40	FXDMAJ00	FXDMAJ60	FXDMAK20	FXDMAK81	FXDMAL41	FXDMAM01	FXDMAM61	FXDMAN22	FXDMAN82	FXDMAP43
o/w retail-driven	FXDMAA17	FXDMAA77	FXDMAB38	FXDMAB98	FXDMAC58	FXDMAD19	FXDMAD79	FXDMAE39	FXDMAE99	FXDMAF60	FXDMAG20	FXDMAG81	FXDMAH41	FXDMAJ01	FXDMAJ61	FXDMAK21	FXDMAK82	FXDMAL42	FXDMAM02	FXDMAM62	FXDMAN23	FXDMAN83	FXDMAP44
OUTRIGHT FORWARDS [4]																							
with reporting dealers	FXDMAA18	FXDMAA78	FXDMAB39	FXDMAB99	FXDMAC59	FXDMAD20	FXDMAD80	FXDMAE40	FXDMAF00	FXDMAF61	FXDMAG21	FXDMAG82	FXDMAH42	FXDMAJ02	FXDMAJ62	FXDMAK22	FXDMAK83	FXDMAL43	FXDMAM03	FXDMAM63	FXDMAN24	FXDMAN84	FXDMAP45
local	FXDMAA19	FXDMAA79	FXDMAB40	FXDMAC00	FXDMAC60	FXDMAD21	FXDMAD81	FXDMAE41	FXDMAF01	FXDMAF62	FXDMAG22	FXDMAG83	FXDMAH43	FXDMAJ03	FXDMAJ63	FXDMAK23	FXDMAK84	FXDMAL44	FXDMAM04	FXDMAM64	FXDMAN25	FXDMAN85	FXDMAP46
cross-border	FXDMAA20	FXDMAA80	FXDMAB41	FXDMAC01	FXDMAC61	FXDMAD22	FXDMAD82	FXDMAE42	FXDMAF02	FXDMAF63	FXDMAG23	FXDMAG84	FXDMAH44	FXDMAJ04	FXDMAJ64	FXDMAK24	FXDMAK85	FXDMAL45	FXDMAM05	FXDMAM65	FXDMAN26	FXDMAN86	FXDMAP47
with other financial institutions	FXDMAA21	FXDMAA81	FXDMAB42	FXDMAC02	FXDMAC62	FXDMAD23	FXDMAD83	FXDMAE43	FXDMAF03	FXDMAF64	FXDMAG24	FXDMAG85	FXDMAH45	FXDMAJ05	FXDMAJ65	FXDMAK25	FXDMAK86	FXDMAL46	FXDMAM06	FXDMAM66	FXDMAN27	FXDMAN87	FXDMAP48
local	FXDMAA22	FXDMAA82	FXDMAB43	FXDMAC03	FXDMAC63	FXDMAD24	FXDMAD84	FXDMAE44	FXDMAF04	FXDMAF65	FXDMAG25	FXDMAG86	FXDMAH46	FXDMAJ06	FXDMAJ66	FXDMAK26	FXDMAK87	FXDMAL47	FXDMAM07	FXDMAM67	FXDMAN28	FXDMAN88	FXDMAP49
cross-border	FXDMAA23	FXDMAA83	FXDMAB44	FXDMAC04	FXDMAC64	FXDMAD25	FXDMAD85	FXDMAE45	FXDMAF05	FXDMAF66	FXDMAG26	FXDMAG87	FXDMAH47	FXDMAJ07	FXDMAJ67	FXDMAK27	FXDMAK88	FXDMAL48	FXDMAM08	FXDMAM68	FXDMAN29	FXDMAN89	FXDMAP50
non-reporting banks	FXDMAA24	FXDMAA84	FXDMAB45	FXDMAC05	FXDMAC65	FXDMAD26	FXDMAD86	FXDMAE46	FXDMAF06	FXDMAF67	FXDMAG27	FXDMAG88	FXDMAH48	FXDMAJ08	FXDMAJ68	FXDMAK28	FXDMAK89	FXDMAL49	FXDMAM09	FXDMAM69	FXDMAN30	FXDMAN90	FXDMAP51
institutional investors	FXDMAA25	FXDMAA85	FXDMAB46	FXDMAC06	FXDMAC66	FXDMAD27	FXDMAD87	FXDMAE47	FXDMAF07	FXDMAF68	FXDMAG28	FXDMAG89	FXDMAH49	FXDMAJ09	FXDMAJ69	FXDMAK29	FXDMAK90	FXDMAL50	FXDMAM10	FXDMAM70	FXDMAN31	FXDMAN91	FXDMAP52
hedge funds and proprietary trading firms	FXDMAA26	FXDMAA86	FXDMAB47	FXDMAC07	FXDMAC67	FXDMAD28	FXDMAD88	FXDMAE48	FXDMAF08	FXDMAF69	FXDMAG29	FXDMAG90	FXDMAH50	FXDMAJ10	FXDMAJ70	FXDMAK30	FXDMAK91	FXDMAL51	FXDMAM11	FXDMAM71	FXDMAN32	FXDMAN92	FXDMAP53
official sector financial institutions	FXDMAA27	FXDMAA87	FXDMAB48	FXDMAC08	FXDMAC68	FXDMAD29	FXDMAD89	FXDMAE49	FXDMAF09	FXDMAF70	FXDMAG30	FXDMAG91	FXDMAH51	FXDMAJ11	FXDMAJ71	FXDMAK31	FXDMAK92	FXDMAL52	FXDMAM12	FXDMAM72	FXDMAN33	FXDMAN93	FXDMAP54
others	FXDMAA28	FXDMAA88	FXDMAB49	FXDMAC09	FXDMAC69	FXDMAD30	FXDMAD90	FXDMAE50	FXDMAF10	FXDMAF71	FXDMAG31	FXDMAG92	FXDMAH52	FXDMAJ12	FXDMAJ72	FXDMAK32	FXDMAK93	FXDMAL53	FXDMAM13	FXDMAM73	FXDMAN34	FXDMAN94	FXDMAP55
undistributed	FXDMAA29	FXDMAA89	FXDMAB50	FXDMAC10	FXDMAC70	FXDMAD31	FXDMAD91	FXDMAE51	FXDMAF11	FXDMAF72	FXDMAG32	FXDMAG93	FXDMAH53	FXDMAJ13	FXDMAJ73	FXDMAK33	FXDMAK94	FXDMAL54	FXDMAM14	FXDMAM74	FXDMAN35	FXDMAN95	FXDMAP56
with non-financial customers	FXDMAA30	FXDMAA90	FXDMAB51	FXDMAC11	FXDMAC71	FXDMAD32	FXDMAD92	FXDMAE52	FXDMAF12	FXDMAF73	FXDMAG33	FXDMAG94	FXDMAH54	FXDMAJ14	FXDMAJ74	FXDMAK34	FXDMAK95	FXDMAL55	FXDMAM15	FXDMAM75	FXDMAN36	FXDMAN96	FXDMAP57
local	FXDMAA31	FXDMAA91	FXDMAB52	FXDMAC12	FXDMAC72	FXDMAD33	FXDMAD93	FXDMAE53	FXDMAF13	FXDMAF74	FXDMAG34	FXDMAG95	FXDMAH55	FXDMAJ15	FXDMAJ75	FXDMAK35	FXDMAK96	FXDMAL56	FXDMAM16	FXDMAM76	FXDMAN37	FXDMAN97	FXDMAP58
cross-border	FXDMAA32	FXDMAA92	FXDMAB53	FXDMAC13	FXDMAC73	FXDMAD34	FXDMAD94	FXDMAE54	FXDMAF14	FXDMAF75	FXDMAG35	FXDMAG96	FXDMAH56	FXDMAJ16	FXDMAJ76	FXDMAK36	FXDMAK97	FXDMAL57	FXDMAM17	FXDMAM77	FXDMAN38	FXDMAN98	FXDMAP59
TOTAL OUTRIGHT FORWARDS	FXDMAA33	FXDMAA93	FXDMAB54	FXDMAC14	FXDMAC74	FXDMAD35	FXDMAD95	FXDMAE55	FXDMAF15	FXDMAF76	FXDMAG36	FXDMAG97	FXDMAH57	FXDMAJ17	FXDMAJ77	FXDMAK37	FXDMAK98	FXDMAL58	FXDMAM18	FXDMAM78	FXDMAN39	FXDMAN99	FXDMAP60
o/w prime brokered	FXDMAA34	FXDMAA94	FXDMAB55	FXDMAC15	FXDMAC75	FXDMAD36	FXDMAD96	FXDMAE56	FXDMAF16	FXDMAF77	FXDMAG37	FXDMAG98	FXDMAH58	FXDMAJ18	FXDMAJ78	FXDMAK38	FXDMAK99	FXDMAL59	FXDMAM19	FXDMAM79	FXDMAN40	FXDMAP00	FXDMAP61
o/w retail-driven	FXDMAA35	FXDMAA95	FXDMAB56	FXDMAC16	FXDMAC76	FXDMAD37	FXDMAD97	FXDMAE57	FXDMAF17	FXDMAF78	FXDMAG38	FXDMAG99	FXDMAH59	FXDMAJ19	FXDMAJ79	FXDMAK39	FXDMAL00	FXDMAL60	FXDMAM20	FXDMAM80	FXDMAN41	FXDMAP01	FXDMAP62
o/w non-deliverable forwards [5]		FXDMAA96			FXDMAC77				FXDMAF18		FXDMAG39					FXDMAK40				FXDMAM81		FXDMAP02	FXDMAP63
MATURITIES OUTRIGHT FORWARDS																							
seven days or less	FXDMAA36	FXDMAA97	FXDMAB57	FXDMAC17	FXDMAC78	FXDMAD38	FXDMAD98	FXDMAE58	FXDMAF19	FXDMAF79	FXDMAG40	FXDMAH00	FXDMAH60	FXDMAJ20	FXDMAJ80	FXDMAK41	FXDMAL01	FXDMAL61	FXDMAM21	FXDMAM82	FXDMAN42	FXDMAP03	FXDMAP64
over seven days and up to one month	FXDMJJ37	FXDMJJ38	FXDMJJ39	FXDMJJ40	FXDMJJ41	FXDMJJ42	FXDMJJ43	FXDMJJ44	FXDMJJ45	FXDMJJ46	FXDMJJ47	FXDMJJ48	FXDMJJ49	FXDMJJ50	FXDMJJ51	FXDMJJ52	FXDMJJ53	FXDMJJ54	FXDMJJ55	FXDMJJ56	FXDMJJ57	FXDMJJ58	FXDMJJ59
over one month and up to three months	FXDMJJ60	FXDMJJ61	FXDMJJ62	FXDMJJ63	FXDMJJ64	FXDMJJ65	FXDMJJ66	FXDMJJ67	FXDMJJ68	FXDMJJ69	FXDMJJ70	FXDMJJ71	FXDMJJ72	FXDMJJ73	FXDMJJ74	FXDMJJ75	FXDMJJ76	FXDMJJ77	FXDMJJ78	FXDMJJ79	FXDMJJ80	FXDMJJ81	FXDMJJ82
over three months and up to six months	FXDMJJ83	FXDMJJ84	FXDMJJ85	FXDMJJ86	FXDMJJ87	FXDMJJ88	FXDMJJ89	FXDMJJ90	FXDMJJ91	FXDMJJ92	FXDMJJ93	FXDMJJ94	FXDMJJ95	FXDMJJ96	FXDMJJ97	FXDMJJ98	FXDMJJ99	FXDMJK00	FXDMJK01	FXDMJK02	FXDMJK03	FXDMJK04	FXDMJK05
over six months	FXDMJK06	FXDMJK07	FXDMJK08	FXDMJK09	FXDMJK10	FXDMJK11	FXDMJK12	FXDMJK13	FXDMJK14	FXDMJK15	FXDMJK16	FXDMJK17	FXDMJK18	FXDMJK19	FXDMJK20	FXDMJK21	FXDMJK22	FXDMJK23	FXDMJK24	FXDMJK25	FXDMJK26	FXDMJK27	FXDMJK28
FOREIGN EXCHANGE SWAPS [6]																							
with reporting dealers	FXDMAA39	FXDMAB00	FXDMAB60	FXDMAC20	FXDMAC81	FXDMAD41	FXDMAE01	FXDMAE61	FXDMAF22	FXDMAF82	FXDMAG43	FXDMAH03	FXDMAH63	FXDMAJ23	FXDMAJ83	FXDMAK44	FXDMAL04	FXDMAL64	FXDMAM24	FXDMAM85	FXDMAN45	FXDMAP06	FXDMAP67
local	FXDMAA40	FXDMAB01	FXDMAB61	FXDMAC21	FXDMAC82	FXDMAD42	FXDMAE02	FXDMAE62	FXDMAF23	FXDMAF83	FXDMAG44	FXDMAH04	FXDMAH64	FXDMAJ24	FXDMAJ84	FXDMAK45	FXDMAL05	FXDMAL65	FXDMAM25	FXDMAM86	FXDMAN46	FXDMAP07	FXDMAP68
cross-border	FXDMAA41	FXDMAB02	FXDMAB62	FXDMAC22	FXDMAC83	FXDMAD43	FXDMAE03	FXDMAE63	FXDMAF24	FXDMAF84	FXDMAG45	FXDMAH05	FXDMAH65	FXDMAJ25	FXDMAJ85	FXDMAK46	FXDMAL06	FXDMAL66	FXDMAM26	FXDMAM87	FXDMAN47	FXDMAP08	FXDMAP69
with other financial institutions	FXDMAA42	FXDMAB03	FXDMAB63	FXDMAC23	FXDMAC84	FXDMAD44	FXDMAE04	FXDMAE64	FXDMAF25	FXDMAF85	FXDMAG46	FXDMAH06	FXDMAH66	FXDMAJ26	FXDMAJ86	FXDMAK47	FXDMAL07	FXDMAL67	FXDMAM27	FXDMAM88	FXDMAN48	FXDMAP09	FXDMAP70
local	FXDMAA43	FXDMAB04	FXDMAB64	FXDMAC24	FXDMAC85	FXDMAD45	FXDMAE05	FXDMAE65	FXDMAF26	FXDMAF86	FXDMAG47	FXDMAH07	FXDMAH67	FXDMAJ27	FXDMAJ87	FXDMAK48	FXDMAL08	FXDMAL68	FXDMAM28	FXDMAM89	FXDMAN49	FXDMAP10	FXDMAP71
cross-border	FXDMAA44	FXDMAB05	FXDMAB65	FXDMAC25	FXDMAC86	FXDMAD46	FXDMAE06	FXDMAE66	FXDMAF27	FXDMAF87	FXDMAG48	FXDMAH08	FXDMAH68	FXDMAJ28	FXDMAJ88	FXDMAK49	FXDMAL09	FXDMAL69	FXDMAM29	FXDMAM90	FXDMAN50	FXDMAP11	FXDMAP72
non-reporting banks	FXDMAA45	FXDMAB06	FXDMAB66	FXDMAC26	FXDMAC87	FXDMAD47	FXDMAE07	FXDMAE67	FXDMAF28	FXDMAF88	FXDMAG49	FXDMAH09	FXDMAH69	FXDMAJ29	FXDMAJ89	FXDMAK50	FXDMAL10	FXDMAL70	FXDMAM30	FXDMAM91	FXDMAN51	FXDMAP12	FXDMAP73
institutional investors	FXDMAA46	FXDMAB07	FXDMAB67	FXDMAC27	FXDMAC88	FXDMAD48	FXDMAE08	FXDMAE68	FXDMAF29	FXDMAF89	FXDMAG50	FXDMAH10	FXDMAH70	FXDMAJ30	FXDMAJ90	FXDMAK51	FXDMAL11	FXDMAL71	FXDMAM31	FXDMAM92	FXDMAN52	FXDMAP13	FXDMAP74
hedge funds and proprietary trading firms	FXDMAA47	FXDMAB08	FXDMAB68	FXDMAC28	FXDMAC89	FXDMAD49	FXDMAE09	FXDMAE69	FXDMAF30	FXDMAF90	FXDMAG51	FXDMAH11	FXDMAH71	FXDMAJ31	FXDMAJ91	FXDMAK52	FXDMAL12	FXDMAL72	FXDMAM32	FXDMAM93	FXDMAN53	FXDMAP14	FXDMAP75
official sector financial institutions	FXDMAA48	FXDMAB09	FXDMAB69	FXDMAC29	FXDMAC90	FXDMAD50	FXDMAE10	FXDMAE70	FXDMAF31	FXDMAF91	FXDMAG52	FXDMAH12	FXDMAH72	FXDMAJ32	FXDMAJ92	FXDMAK53	FXDMAL13	FXDMAL73	FXDMAM33	FXDMAM94	FXDMAN54	FXDMAP15	FXDMAP76
others	FXDMAA49	FXDMAB10	FXDMAB70	FXDMAC30	FXDMAC91	FXDMAD51	FXDMAE11	FXDMAE71	FXDMAF32	FXDMAF92	FXDMAG53	FXDMAH13	FXDMAH73	FXDMAJ33	FXDMAJ93	FXDMAK54	FXDMAL14	FXDMAL74	FXDMAM34	FXDMAM95	FXDMAN55	FXDMAP16	FXDMAP77
undistributed	FXDMAA50	FXDMAB11	FXDMAB71	FXDMAC31	FXDMAC92	FXDMAD52	FXDMAE12	FXDMAE72	FXDMAF33	FXDMAF93	FXDMAG54	FXDMAH14	FXDMAH74	FXDMAJ34	FXDMAJ94	FXDMAK55	FXDMAL15	FXDMAL75	FXDMAM35	FXDMAM96	FXDMAN56	FXDMAP17	FXDMAP78
with non-financial customers	FXDMAA51	FXDMAB12	FXDMAB72	FXDMAC32	FXDMAC93	FXDMAD53	FXDMAE13	FXDMAE73	FXDMAF34	FXDMAF94	FXDMAG55	FXDMAH15	FXDMAH75	FXDMAJ35	FXDMAJ95	FXDMAK56	FXDMAL16	FXDMAL76	FXDMAM36	FXDMAM97	FXDMAN57	FXDMAP18	FXDMAP79
local	FXDMAA52	FXDMAB13	FXDMAB73	FXDMAC33	FXDMAC94	FXDMAD54	FXDMAE14	FXDMAE74	FXDMAF35	FXDMAF95	FXDMAG56	FXDMAH16	FXDMAH76	FXDMAJ36	FXDMAJ96	FXDMAK57	FXDMAL17	FXDMAL77	FXDMAM37	FXDMAM98	FXDMAN58	FXDMAP19	FXDMAP80
cross-border	FXDMAA53	FXDMAB14	FXDMAB74	FXDMAC34	FXDMAC95	FXDMAD55	FXDMAE15	FXDMAE75	FXDMAF36	FXDMAF96	FXDMAG57	FXDMAH17	FXDMAH77	FXDMAJ37	FXDMAJ97	FXDMAK58	FXDMAL18	FXDMAL78	FXDMAM38	FXDMAM99	FXDMAN59	FXDMAP20	FXDMAP81
TOTAL FOREIGN EXCHANGE SWAPS	FXDMAA54	FXDMAB15	FXDMAB75	FXDMAC35	FXDMAC96	FXDMAD56	FXDMAE16	FXDMAE76	FXDMAF37	FXDMAF97	FXDMAG58	FXDMAH18	FXDMAH78	FXDMAJ38	FXDMAJ98	FXDMAK59	FXDMAL19	FXDMAL79	FXDMAM39	FXDMAN00	FXDMAN60	FXDMAP21	FXDMAP82
o/w prime brokered	FXDMAA55	FXDMAB16	FXDMAB76	FXDMAC36	FXDMAC97	FXDMAD57	FXDMAE17	FXDMAE77	FXDMAF38	FXDMAF98	FXDMAG59	FXDMAH19	FXDMAH79	FXDMAJ39	FXDMAJ99	FXDMAK60	FXDMAL20	FXDMAL80	FXDMAM40	FXDMAN01	FXDMAN61	FXDMAP22	FXDMAP83
o/w retail-driven	FXDMAA56	FXDMAB17	FXDMAB77	FXDMAC37	FXDMAC98	FXDMAD58	FXDMAE18	FXDMAE78	FXDMAF39	FXDMAF99	FXDMAG60	FXDMAH20	FXDMAH80	FXDMAJ40	FXDMAK00	FXDMAK61	FXDMAL21	FXDMAL81	FXDMAM41	FXDMAN02	FXDMAN62	FXDMAP23	FXDMAP84
MATURITIES FOREIGN EXCHANGE SWAPS																							
seven days or less	FXDMAA57	FXDMAB18	FXDMAB78	FXDMAC38	FXDMAC99	FXDMAD59	FXDMAE19	FXDMAE79	FXDMAF40	FXDMAG00	FXDMAG61	FXDMAH21	FXDMAH81	FXDMAJ41	FXDMAK01	FXDMAK62	FXDMAL22	FXDMAL82	FXDMAM42	FXDMAN03	FXDMAN63	FXDMAP24	FXDMAP85
over seven days and up to one month	FXDMJK29	FXDMJK30	FXDMJK31	FXDMJK32	FXDMJK33	FXDMJK34	FXDMJK35	FXDMJK36	FXDMJK37	FXDMJK38	FXDMJK39	FXDMJK40	FXDMJK41	FXDMJK42	FXDMJK43	FXDMJK44	FXDMJK45	FXDMJK46	FXDMJK47	FXDMJK48	FXDMJK49	FXDMJK50	FXDMJK51
over one month and up to three months	FXDMJK52	FXDMJK53	FXDMJK54	FXDMJK55	FXDMJK56	FXDMJK57	FXDMJK58	FXDMJK59	FXDMJK60	FXDMJK61	FXDMJK62	FXDMJK63	FXDMJK64	FXDMJK65	FXDMJK66	FXDMJK67	FXDMJK68	FXDMJK69	FXDMJK70	FXDMJK71	FXDMJK72	FXDMJK73	FXDMJK74
over three months and up to six months	FXDMJK75	FXDMJK76	FXDMJK77	FXDMJK78	FXDMJK79	FXDMJK80	FXDMJK81	FXDMJK82	FXDMJK83	FXDMJK84	FXDMJK85	FXDMJK86	FXDMJK87	FXDMJK88	FXDMJK89	FXDMJK90	FXDMJK91	FXDMJK92	FXDMJK93	FXDMJK94	FXDMJK95	FXDMJK96	FXDMJK97
over six months	FXDMJK98	FXDMJK99	FXDMJL00	FXDMJL01	FXDMJL02	FXDMJL03	FXDMJL04	FXDMJL05	FXDMJL06	FXDMJL07	FXDMJL08	FXDMJL09	FXDMJL10	FXDMJL11	FXDMJL12	FXDMJL13	FXDMJL14	FXDMJL15	FXDMJL16	FXDMJL17	FXDMJL18	FXDMJL19	FXDMJL20

[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 A3 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 [6] currency pairs as well as for the "other" and "total" column.

Table A2

Central Bank Survey of Foreign Exchange and Derivatives Market Activity
FOREIGN EXCHANGE CONTRACTS [1]
Turnover in nominal or notional principal amounts in April 2019
(in millions of USD)

Instruments	EUR against														JPY against								RESIDUAL [3]	GRAND TOTAL [4]
	AUD	CAD	CHF	CNY	DKK	GBP	HUF	JPY	NOK	PLN	SEK	TRY	Other [2]	TOT	AUD	BRL	CAD	NZD	TRY	ZAR	Other [2]	TOT		
SPOT [5]																								
with reporting dealers	FXDMAP88	FXDMAQ48	FXDMAR08	FXDMAR68	FXDMAS28	FXDMAS88	FXDMAT48	FXDMAU08	FXDMAU68	FXDMAV28	FXDMAV88	FXDMAW48	FXDMAX08	FXDMAX68	FXDMAY29	FXDMAY89	FXDMAZ49	FXDMBA09	FXDMBA69	FXDMBB29	FXDMBB89	FXDMBC49	FXDMBD10	FXDMBD71
local	FXDMAP89	FXDMAQ49	FXDMAR09	FXDMAR69	FXDMAS29	FXDMAS89	FXDMAT49	FXDMAU09	FXDMAU69	FXDMAV29	FXDMAV89	FXDMAW49	FXDMAX09	FXDMAX69	FXDMAY30	FXDMAY90	FXDMAZ50	FXDMBA10	FXDMBA70	FXDMBB30	FXDMBB90	FXDMBC50	FXDMBD11	FXDMBD72
cross-border	FXDMAP90	FXDMAQ50	FXDMAR10	FXDMAR70	FXDMAS30	FXDMAS90	FXDMAT50	FXDMAU10	FXDMAU70	FXDMAV30	FXDMAV90	FXDMAW50	FXDMAX10	FXDMAX70	FXDMAY31	FXDMAY91	FXDMAZ51	FXDMBA11	FXDMBA71	FXDMBB31	FXDMBB91	FXDMBC51	FXDMBD12	FXDMBD73
with other financial institutions	FXDMAP91	FXDMAQ51	FXDMAR11	FXDMAR71	FXDMAS31	FXDMAS91	FXDMAT51	FXDMAU11	FXDMAU71	FXDMAV31	FXDMAV91	FXDMAW51	FXDMAX11	FXDMAX71	FXDMAY32	FXDMAY92	FXDMAZ52	FXDMBA12	FXDMBA72	FXDMBB32	FXDMBB92	FXDMBC52	FXDMBD13	FXDMBD74
local	FXDMAP92	FXDMAQ52	FXDMAR12	FXDMAR72	FXDMAS32	FXDMAS92	FXDMAT52	FXDMAU12	FXDMAU72	FXDMAV32	FXDMAV92	FXDMAW52	FXDMAX12	FXDMAX72	FXDMAY33	FXDMAY93	FXDMAZ53	FXDMBA13	FXDMBA73	FXDMBB33	FXDMBB93	FXDMBC53	FXDMBD14	FXDMBD75
cross-border	FXDMAP93	FXDMAQ53	FXDMAR13	FXDMAR73	FXDMAS33	FXDMAS93	FXDMAT53	FXDMAU13	FXDMAU73	FXDMAV33	FXDMAV93	FXDMAW53	FXDMAX13	FXDMAX73	FXDMAY34	FXDMAY94	FXDMAZ54	FXDMBA14	FXDMBA74	FXDMBB34	FXDMBB94	FXDMBC54	FXDMBD15	FXDMBD76
non-reporting banks	FXDMAP94	FXDMAQ54	FXDMAR14	FXDMAR74	FXDMAS34	FXDMAS94	FXDMAT54	FXDMAU14	FXDMAU74	FXDMAV34	FXDMAV94	FXDMAW54	FXDMAX14	FXDMAX74	FXDMAY35	FXDMAY95	FXDMAZ55	FXDMBA15	FXDMBA75	FXDMBB35	FXDMBB95	FXDMBC55	FXDMBD16	FXDMBD77
institutional investors	FXDMAP95	FXDMAQ55	FXDMAR15	FXDMAR75	FXDMAS35	FXDMAS95	FXDMAT55	FXDMAU15	FXDMAU75	FXDMAV35	FXDMAV95	FXDMAW55	FXDMAX15	FXDMAX75	FXDMAY36	FXDMAY96	FXDMAZ56	FXDMBA16	FXDMBA76	FXDMBB36	FXDMBB96	FXDMBC56	FXDMBD17	FXDMBD78
hedge funds and proprietary trading firms	FXDMAP96	FXDMAQ56	FXDMAR16	FXDMAR76	FXDMAS36	FXDMAS96	FXDMAT56	FXDMAU16	FXDMAU76	FXDMAV36	FXDMAV96	FXDMAW56	FXDMAX16	FXDMAX76	FXDMAY37	FXDMAY97	FXDMAZ57	FXDMBA17	FXDMBA77	FXDMBB37	FXDMBB97	FXDMBC57	FXDMBD18	FXDMBD79
official sector financial institutions	FXDMAP97	FXDMAQ57	FXDMAR17	FXDMAR77	FXDMAS37	FXDMAS97	FXDMAT57	FXDMAU17	FXDMAU77	FXDMAV37	FXDMAV97	FXDMAW57	FXDMAX17	FXDMAX77	FXDMAY38	FXDMAY98	FXDMAZ58	FXDMBA18	FXDMBA78	FXDMBB38	FXDMBB98	FXDMBC58	FXDMBD19	FXDMBD80
others	FXDMAP98	FXDMAQ58	FXDMAR18	FXDMAR78	FXDMAS38	FXDMAS98	FXDMAT58	FXDMAU18	FXDMAU78	FXDMAV38	FXDMAV98	FXDMAW58	FXDMAX18	FXDMAX78	FXDMAY39	FXDMAY99	FXDMAZ59	FXDMBA19	FXDMBA79	FXDMBB39	FXDMBB99	FXDMBC59	FXDMBD20	FXDMBD81
undistributed	FXDMAP99	FXDMAQ59	FXDMAR19	FXDMAR79	FXDMAS39	FXDMAS99	FXDMAT59	FXDMAU19	FXDMAU79	FXDMAV39	FXDMAV99	FXDMAW59	FXDMAX19	FXDMAX79	FXDMAY40	FXDMAZ00	FXDMAZ60	FXDMBA20	FXDMBA80	FXDMBB40	FXDMBC00	FXDMBC60	FXDMBD21	FXDMBD82
with non-financial customers	FXDMAQ00	FXDMAQ60	FXDMAR20	FXDMAR80	FXDMAS40	FXDMAT00	FXDMAT60	FXDMAU20	FXDMAU80	FXDMAV40	FXDMAW00	FXDMAW60	FXDMAX20	FXDMAX80	FXDMAY41	FXDMAZ01	FXDMAZ61	FXDMBA21	FXDMBA81	FXDMBB41	FXDMBC01	FXDMBC61	FXDMBD22	FXDMBD83
local	FXDMAQ01	FXDMAQ61	FXDMAR21	FXDMAR81	FXDMAS41	FXDMAT01	FXDMAT61	FXDMAU21	FXDMAU81	FXDMAV41	FXDMAW01	FXDMAW61	FXDMAX21	FXDMAX81	FXDMAY42	FXDMAZ02	FXDMAZ62	FXDMBA22	FXDMBA82	FXDMBB42	FXDMBC02	FXDMBC62	FXDMBD23	FXDMBD84
cross-border	FXDMAQ02	FXDMAQ62	FXDMAR22	FXDMAR82	FXDMAS42	FXDMAT02	FXDMAT62	FXDMAU22	FXDMAU82	FXDMAV42	FXDMAW02	FXDMAW62	FXDMAX22	FXDMAX82	FXDMAY43	FXDMAZ03	FXDMAZ63	FXDMBA23	FXDMBA83	FXDMBB43	FXDMBC03	FXDMBC63	FXDMBD24	FXDMBD85
TOTAL SPOT	FXDMAQ03	FXDMAQ63	FXDMAR23	FXDMAR83	FXDMAS43	FXDMAT03	FXDMAT63	FXDMAU23	FXDMAU83	FXDMAV43	FXDMAW03	FXDMAW63	FXDMAX23	FXDMAX83	FXDMAY44	FXDMAZ04	FXDMAZ64	FXDMBA24	FXDMBA84	FXDMBB44	FXDMBC04	FXDMBC64	FXDMBD25	FXDMBD86
o/w prime brokered	FXDMAQ04	FXDMAQ64	FXDMAR24	FXDMAR84	FXDMAS44	FXDMAT04	FXDMAT64	FXDMAU24	FXDMAU84	FXDMAV44	FXDMAW04	FXDMAW64	FXDMAX24	FXDMAX84	FXDMAY45	FXDMAZ05	FXDMAZ65	FXDMBA25	FXDMBA85	FXDMBB45	FXDMBC05	FXDMBC65	FXDMBD26	FXDMBD87
o/w retail-driven	FXDMAQ05	FXDMAQ65	FXDMAR25	FXDMAR85	FXDMAS45	FXDMAT05	FXDMAT65	FXDMAU25	FXDMAU85	FXDMAV45	FXDMAW05	FXDMAW65	FXDMAX25	FXDMAX85	FXDMAY46	FXDMAZ06	FXDMAZ66	FXDMBA26	FXDMBA86	FXDMBB46	FXDMBC06	FXDMBC66	FXDMBD27	FXDMBD88
OUTRIGHT FORWARDS [6]																								
with reporting dealers	FXDMAQ06	FXDMAQ66	FXDMAR26	FXDMAR86	FXDMAS46	FXDMAT06	FXDMAT66	FXDMAU26	FXDMAU86	FXDMAV46	FXDMAW06	FXDMAW66	FXDMAX26	FXDMAX86	FXDMAY47	FXDMAZ07	FXDMAZ67	FXDMBA27	FXDMBA87	FXDMBB47	FXDMBC07	FXDMBC67	FXDMBD28	FXDMBD89
local	FXDMAQ07	FXDMAQ67	FXDMAR27	FXDMAR87	FXDMAS47	FXDMAT07	FXDMAT67	FXDMAU27	FXDMAU87	FXDMAV47	FXDMAW07	FXDMAW67	FXDMAX27	FXDMAX87	FXDMAY48	FXDMAZ08	FXDMAZ68	FXDMBA28	FXDMBA88	FXDMBB48	FXDMBC08	FXDMBC68	FXDMBD29	FXDMBD90
cross-border	FXDMAQ08	FXDMAQ68	FXDMAR28	FXDMAR88	FXDMAS48	FXDMAT08	FXDMAT68	FXDMAU28	FXDMAU88	FXDMAV48	FXDMAW08	FXDMAW68	FXDMAX28	FXDMAX88	FXDMAY49	FXDMAZ09	FXDMAZ69	FXDMBA29	FXDMBA89	FXDMBB49	FXDMBC09	FXDMBC69	FXDMBD30	FXDMBD91
with other financial institutions	FXDMAQ09	FXDMAQ69	FXDMAR29	FXDMAR89	FXDMAS49	FXDMAT09	FXDMAT69	FXDMAU29	FXDMAU89	FXDMAV49	FXDMAW09	FXDMAW69	FXDMAX29	FXDMAX89	FXDMAY50	FXDMAZ10	FXDMAZ70	FXDMBA30	FXDMBA90	FXDMBB50	FXDMBC10	FXDMBC70	FXDMBD31	FXDMBD92
local	FXDMAQ10	FXDMAQ70	FXDMAR30	FXDMAR90	FXDMAS50	FXDMAT10	FXDMAT70	FXDMAU30	FXDMAU90	FXDMAV50	FXDMAW10	FXDMAW70	FXDMAX30	FXDMAX90	FXDMAY51	FXDMAZ11	FXDMAZ71	FXDMBA31	FXDMBA91	FXDMBB51	FXDMBC11	FXDMBC71	FXDMBD32	FXDMBD93
cross-border	FXDMAQ11	FXDMAQ71	FXDMAR31	FXDMAR91	FXDMAS51	FXDMAT11	FXDMAT71	FXDMAU31	FXDMAU91	FXDMAV51	FXDMAW11	FXDMAW71	FXDMAX31	FXDMAX91	FXDMAY52	FXDMAZ12	FXDMAZ72	FXDMBA32	FXDMBA92	FXDMBB52	FXDMBC12	FXDMBC72	FXDMBD33	FXDMBD94
non-reporting banks	FXDMAQ12	FXDMAQ72	FXDMAR32	FXDMAR92	FXDMAS52	FXDMAT12	FXDMAT72	FXDMAU32	FXDMAU92	FXDMAV52	FXDMAW12	FXDMAW72	FXDMAX32	FXDMAX92	FXDMAY53	FXDMAZ13	FXDMAZ73	FXDMBA33	FXDMBA93	FXDMBB53	FXDMBC13	FXDMBC73	FXDMBD34	FXDMBD95
institutional investors	FXDMAQ13	FXDMAQ73	FXDMAR33	FXDMAR93	FXDMAS53	FXDMAT13	FXDMAT73	FXDMAU33	FXDMAU93	FXDMAV53	FXDMAW13	FXDMAW73	FXDMAX33	FXDMAX93	FXDMAY54	FXDMAZ14	FXDMAZ74	FXDMBA34	FXDMBA94	FXDMBB54	FXDMBC14	FXDMBC74	FXDMBD35	FXDMBD96
hedge funds and proprietary trading firms	FXDMAQ14	FXDMAQ74	FXDMAR34	FXDMAR94	FXDMAS54	FXDMAT14	FXDMAT74	FXDMAU34	FXDMAU94	FXDMAV54	FXDMAW14	FXDMAW74	FXDMAX34	FXDMAX94	FXDMAY55	FXDMAZ15	FXDMAZ75	FXDMBA35	FXDMBA95	FXDMBB55	FXDMBC15	FXDMBC75	FXDMBD36	FXDMBD97
official sector financial institutions	FXDMAQ15	FXDMAQ75	FXDMAR35	FXDMAR95	FXDMAS55	FXDMAT15	FXDMAT75	FXDMAU35	FXDMAU95	FXDMAV55	FXDMAW15	FXDMAW75	FXDMAX35	FXDMAX95	FXDMAY56	FXDMAZ16	FXDMAZ76	FXDMBA36	FXDMBA96	FXDMBB56	FXDMBC16	FXDMBC76	FXDMBD37	FXDMBD98
others	FXDMAQ16	FXDMAQ76	FXDMAR36	FXDMAR96	FXDMAS56	FXDMAT16	FXDMAT76	FXDMAU36	FXDMAU96	FXDMAV56	FXDMAW16	FXDMAW76	FXDMAX36	FXDMAX96	FXDMAY57	FXDMAZ17	FXDMAZ77	FXDMBA37	FXDMBA97	FXDMBB57	FXDMBC17	FXDMBC77	FXDMBD38	FXDMBD99
undistributed	FXDMAQ17	FXDMAQ77	FXDMAR37	FXDMAR97	FXDMAS57	FXDMAT17	FXDMAT77	FXDMAU37	FXDMAU97	FXDMAV57	FXDMAW17	FXDMAW77	FXDMAX37	FXDMAX97	FXDMAY58	FXDMAZ18	FXDMAZ78	FXDMBA38	FXDMBA98	FXDMBB58	FXDMBC18	FXDMBC78	FXDMBD39	FXDMBE00
with non-financial customers	FXDMAQ18	FXDMAQ78	FXDMAR38	FXDMAR98	FXDMAS58	FXDMAT18	FXDMAT78	FXDMAU38	FXDMAU98	FXDMAV58	FXDMAW18	FXDMAW78	FXDMAX38	FXDMAX98	FXDMAY59	FXDMAZ19	FXDMAZ79	FXDMBA39	FXDMBA99	FXDMBB59	FXDMBC19	FXDMBC79	FXDMBD40	FXDMBE01
local	FXDMAQ19	FXDMAQ79	FXDMAR39	FXDMAR99	FXDMAS59	FXDMAT19	FXDMAT79	FXDMAU39	FXDMAU99	FXDMAV59	FXDMAW19	FXDMAW79	FXDMAX39	FXDMAX99	FXDMAY60	FXDMAZ20	FXDMAZ80	FXDMBA40	FXDMBB00	FXDMBB60	FXDMBC20	FXDMBC80	FXDMBD41	FXDMBE02
cross-border	FXDMAQ20	FXDMAQ80	FXDMAR40	FXDMAS00	FXDMAS60	FXDMAT20	FXDMAT80	FXDMAU40	FXDMAV00	FXDMAV60	FXDMAW20	FXDMAW80	FXDMAX40	FXDMAY00	FXDMAY61	FXDMAZ21	FXDMAZ81	FXDMBA41	FXDMBB01	FXDMBB61	FXDMBC21	FXDMBC81	FXDMBD42	FXDMBE03
TOTAL OUTRIGHT FORWARDS	FXDMAQ21	FXDMAQ81	FXDMAR41	FXDMAS01	FXDMAS61	FXDMAT21	FXDMAT81	FXDMAU41	FXDMAV01	FXDMAV61	FXDMAW21	FXDMAW81	FXDMAX41	FXDMAY01	FXDMAY62	FXDMAZ22	FXDMAZ82	FXDMBA42	FXDMBB02	FXDMBB62	FXDMBC22	FXDMBC82	FXDMBD43	FXDMBE04
o/w prime brokered	FXDMAQ22	FXDMAQ82	FXDMAR42	FXDMAS02	FXDMAS62	FXDMAT22	FXDMAT82	FXDMAU42	FXDMAV02	FXDMAV62	FXDMAW22	FXDMAW82	FXDMAX42	FXDMAY02	FXDMAY63	FXDMAZ23	FXDMAZ83	FXDMBA43	FXDMBB03	FXDMBB63	FXDMBC23	FXDMBC83	FXDMBD44	FXDMBE05
o/w retail-driven	FXDMAQ23	FXDMAQ83	FXDMAR43	FXDMAS03	FXDMAS63	FXDMAT23	FXDMAT83	FXDMAU43	FXDMAV03	FXDMAV63	FXDMAW23	FXDMAW83	FXDMAX43	FXDMAY03	FXDMAY64	FXDMAZ24	FXDMAZ84	FXDMBA44	FXDMBB04	FXDMBB64	FXDMBC24	FXDMBC84	FXDMBD45	FXDMBE06
o/w non-deliverable forwards [7]														FXDMAY04								FXDMBC85	FXDMBD46	FXDMBE07
MATURITIES OUTRIGHT FORWARDS																								
seven days or less	FXDMAQ24	FXDMAQ84	FXDMAR44	FXDMAS04	FXDMAS64	FXDMAT24	FXDMAT84	FXDMAU44	FXDMAV04	FXDMAV64	FXDMAW24	FXDMAW84	FXDMAX44	FXDMAY05	FXDMAY65	FXDMAZ25	FXDMAZ85	FXDMBA45	FXDMBB05	FXDMBB65	FXDMBC25	FXDMBC86	FXDMBD47	FXDMBE08
over seven days and up to one month	FXDMJL21	FXDMJL22	FXDMJL23	FXDMJL24	FXDMJL25	FXDMJL26	FXDMJL27	FXDMJL28	FXDMJL29	FXDMJL30	FXDMJL31	FXDMJL32	FXDMJL33	FXDMJL34	FXDMJL35	FXDMJL36	FXDMJL37	FXDMJL38	FXDMJL39	FXDMJL40	FXDMJL41	FXDMJL42	FXDMJL43	FXDMJL44
over one month and up to three months	FXDMJL45	FXDMJL46	FXDMJL47	FXDMJL48	FXDMJL49	FXDMJL50	FXDMJL51	FXDMJL52	FXDMJL53	FXDMJL54	FXDMJL55	FXDMJL56	FXDMJL57	FXDMJL58	FXDMJL59	FXDMJL60	FXDMJL61	FXDMJL62	FXDMJL63	FXDMJL64	FXDMJL65	FXDMJL66	FXDMJL67	FXDMJL68
over three months and up to six months	FXDMJL69	FXDMJL70	FXDMJL71	FXDMJL72	FXDMJL73	FXDMJL74	FXDMJL75	FXDMJL76	FXDMJL77	FXDMJL78	FXDMJL79	FXDMJL80	FXDMJL81	FXDMJL82	FXDMJL83	FXDMJL84	FXDMJL85	FXDMJL86	FXDMJL87	FXDMJL88	FXDMJL89	FXDMJL90	FXDMJL91	FXDMJL92
over six months	FXDMJL93	FXDMJL94	FXDMJL95	FXDMJL96	FXDMJL97	FXDMJL98	FXDMJL99	FXDMJM00	FXDMJM01	FXDMJM02	FXDMJM03	FXDMJM04	FXDMJM05	FXDMJM06	FXDMJM07	FXDMJM08	FXDMJM09	FXDMJM10	FXDMJM11	FXDMJM12	FXDMJM13	FXDMJM14	FXDMJM15	FXDMJM16
FOREIGN EXCHANGE SWAPS [8]																								
with reporting dealers	FXDMAQ27	FXDMAQ87	FXDMAR47	FXDMAS07	FXDMAS67	FXDMAT27	FXDMAT87	FXDMAU47	FXDMAV07	FXDMAV67	FXDMAW27	FXDMAW87	FXDMAX47	FXDMAY08	FXDMAY68	FXDMAZ28	FXDMAZ88	FXDMBA48	FXDMBB08	FXDMBB68	FXDMBC28	FXDMBC89	FXDMBD50	FXDMBE11
local	FXDMAQ28	FXDMAQ88	FXDMAR48	FXDMAS08	FXDMAS68	FXDMAT28	FXDMAT88	FXDMAU48	FXDMAV08	FXDMAV68	FXDMAW28	FXDMAW88	FXDMAX48	FXDMAY09	FXDMAY69	FXDMAZ29	FXDMAZ89	FXDMBA49	FXDMBB09	FXDMBB69	FXDMBC29	FXDMBC90	FXDMBD51	FXDMBE12
cross-border	FXDMAQ29	FXDMAQ89	FXDMAR49	FXDMAS09	FXDMAS69	FXDMAT29	FXDMAT89	FXDMAU49	FXDMAV09	FXDMAV69	FXDMAW29	FXDMAW89	FXDMAX49	FXDMAY10	FXDMAY70	FXDMAZ30	FXDMAZ90	FXDMBA50	FXDMBB10	FXDMBB70	FXDMBC30	FXDMBC91	FXDMBD52	FXDMBE13
with other financial institutions	FXDMAQ30	FXDMAQ90	FXDMAR50	FXDMAS10	FXDMAS70	FXDMAT30	FXDMAT90	FXDMAU50	FXDMAV10	FXDMAV70	FXDMAW30	FXDMAW90	FXDMAX50	FXDMAY11	FXDMAY71	FXDMAZ31	FXDMAZ91	FXDMBA51	FXDMBB11	FXDMBB71	FXDMBC31	FXDMBC92	FXDMBD53	FXDMBE14
local	FXDMAQ31	FXDMAQ91	FXDMAR51	FXDMAS11	FXDMAS71	FXDMAT31	FXDMAT91	FXDMAU51	FXDMAV11	FXDMAV71	FXDMAW31	FXDMAW91	FXDMAX51	FXDMAY12	FXDMAY72	FXDMAZ32	FXDMAZ92	FXDMBA52	FXDMBB12	FXDMBB72	FXDMBC32	FXDMBC93	FXDMBD54	FXDMBE15
cross-border	FXDMAQ32	FXDMAQ92	FXDMAR52	FXDMAS12	FXDMAS72	FXDMAT32	FXDMAT92	FXDMAU52	FXDMAV12	FXDMAV72	FXDMAW32	FXDMAW92	FXDMAX52	FXDMAY13	FXDMAY73	FXDMAZ33	FXDMAZ93	FXDMBA53	FXDMBB13	FXDMBB73	FXDMBC33	FXDMBC94	FXDMBD55	FXDMBE16
non-reporting banks	FXDMAQ33	FXDMAQ93	FXDMAR53	FXDMAS13	FXDMAS73	FXDMAT33	FXDMAT93	FXDMAU53	FXDMAV13	FXDMAV73	FXDMAW33	FXDMAW93	FXDMAX53	FXDMAY14	FXDMAY74	FXDMAZ34	FXDMAZ94	FXDMBA54	FXDMBB14	FXDMBB74	FXDMBC34	FXDMBC95	FXDMBD56	FXDMBE17
institutional investors	FXDMAQ34	FXDMAQ94	FXDMAR54	FXDMAS14	FXDMAS74	FXDMAT34	FXDMAT94	FXDMAU54	FXDMAV14	FXDMAV74	FXDMAW34	FXDMAW94	FXDMAX54	FXDMAY15	FXDMAY75	FXDMAZ35	FXDMAZ95	FXDMBA55	FXDMBB15	FXDMBB75	FXDMBC35	FXDMBC96	FXDMBD57	FXDMBE18
hedge funds and proprietary trading firms	FXDMAQ35	FXDMAQ95	FXDMAR55	FXDMAS15	FXDMAS75	FXDMAT35	FXDMAT95	FXDMAU55	FXDMAV15	FXDMAV75	FXDMAW35	FXDMAW95	FXDMAX55	FXDMAY16	FXDMAY76	FXDMAZ36	FXDMAZ96	FXDMBA56	FXDMBB16	FXDMBB76	FXDMBC36	FXDMBC97	FXDMBD58	FXDMBE19
official sector financial institutions	FXDMAQ36	FXDMAQ96	FXDMAR56	FXDMAS16	FXDMAS76	FXDMAT36	FXDMAT96	FXDMAU56	FXDMAV16	FXDMAV76	FXDMAW36	FXDMAW96	FXDMAX56	FXDMAY17	FXDMAY77	FXDMAZ37	FXDMAZ97	FXDMBA57	FXDMBB17	FXDMBB77	FXDMBC37	FXDMBC98	FXDMBD59	FXDMBE20
others	FXDMAQ37	FXDMAQ97	FXDMAR57	FXDMAS17	FXDMAS77	FXDMAT37	FXDMAT97	FXDMAU57	FXDMAV17	FXDMAV77	FXDMAW37	FXDMAW97	FXDMAX57	FXDMAY18	FXDMAY78	FXDMAZ38	FXDMAZ98	FXDMBA58	FXDMBB18	FXDMBB78	FXDMBC38	FXDMBC99	FXDMBD60	FXDMBE21
undistributed	FXDMAQ38	FXDMAQ98	FXDMAR58	FXDMAS18	FXDMAS78	FXDMAT38	FXDMAT98	FXDMAU58	FXDMAV18	FXDMAV78	FXDMAW38	FXDMAW98	FXDMAX58	FXDMAY19	FXDMAY79	FXDMAZ39	FXDMAZ99	FXDMBA59	FXDMBB19	FXDMBB79	FXDMBC39	FXDMBD00	FXDMBD61	FXDMBE22
with non-financial customers	FXDMAQ39	FXDMAQ99	FXDMAR59	FXDMAS19	FXDMAS79	FXDMAT39	FXDMAT99	FXDMAU59	FXDMAV19	FXDMAV79	FXDMAW39	FXDMAW99	FXDMAX59	FXDMAY20	FXDMAY80	FXDMAZ40	FXDMBA00	FXDMBA60	FXDMBB20	FXDMBB80	FXDMBC40	FXDMBD01	FXDMBD62	FXDMBE23
local	FXDMAQ40	FXDMAR00	FXDMAR60	FXDMAS20	FXDMAS80	FXDMAT40	FXDMAU00	FXDMAU60	FXDMAV20	FXDMAV80	FXDMAW40	FXDMAX00	FXDMAX60	FXDMAY21	FXDMAY81	FXDMAZ41	FXDMBA01	FXDMBA61	FXDMBB21	FXDMBB81	FXDMBC41	FXDMBD02	FXDMBD63	FXDMBE24
cross-border	FXDMAQ41	FXDMAR01	FXDMAR61	FXDMAS21	FXDMAS81	FXDMAT41	FXDMAU01	FXDMAU61	FXDMAV21	FXDMAV81	FXDMAW41	FXDMAX01	FXDMAX61	FXDMAY22	FXDMAY82	FXDMAZ42	FXDMBA02	FXDMBA62	FXDMBB22	FXDMBB82	FXDMBC42	FXDMBD03	FXDMBD64	FXDMBE25
TOTAL FOREIGN EXCHANGE SWAPS	FXDMAQ42	FXDMAR02	FXDMAR62	FXDMAS22	FXDMAS82	FXDMAT42	FXDMAU02	FXDMAU62	FXDMAV22	FXDMAV82	FXDMAW42	FXDMAX02	FXDMAX62	FXDMAY23	FXDMAY83	FXDMAZ43	FXDMBA03	FXDMBA63	FXDMBB23	FXDMBB83	FXDMBC43	FXDMBD04	FXDMBD65	FXDMBE26
o/w prime brokered	FXDMAQ43	FXDMAR03	FXDMAR63	FXDMAS23	FXDMAS83	FXDMAT43	FXDMAU03	FXDMAU63	FXDMAV23	FXDMAV83	FXDMAW43	FXDMAX03	FXDMAX63	FXDMAY24	FXDMAY84	FXDMAZ44	FXDMBA04	FXDMBA64	FXDMBB24	FXDMBB84	FXDMBC44	FXDMBD05	FXDMBD66	FXDMBE27
o/w retail-driven	FXDMAQ44	FXDMAR04	FXDMAR64	FXDMAS24	FXDMAS84	FXDMAT44	FXDMAU04	FXDMAU64	FXDMAV24	FXDMAV84	FXDMAW44	FXDMAX04	FXDMAX64	FXDMAY25	FXDMAY85	FXDMAZ45	FXDMBA05	FXDMBA65	FXDMBB25	FXDMBB85	FXDMBC45	FXDMBD06	FXDMBD67	FXDMBE28
MATURITIES FOREIGN EXCHANGE SWAPS																								
seven days or less	FXDMAQ45	FXDMAR05	FXDMAR65	FXDMAS25	FXDMAS85	FXDMAT45	FXDMAU05	FXDMAU65	FXDMAV25	FXDMAV85	FXDMAW45	FXDMAX05	FXDMAX65	FXDMAY26	FXDMAY86	FXDMAZ46	FXDMBA06	FXDMBA66	FXDMBB26	FXDMBB86	FXDMBC46	FXDMBD07	FXDMBD68	FXDMBE29
over seven days and up to one month	FXDMJM17	FXDMJM18	FXDMJM19	FXDMJM20	FXDMJM21	FXDMJM22	FXDMJM23	FXDMJM24	FXDMJM25	FXDMJM26	FXDMJM27	FXDMJM28	FXDMJM29	FXDMJM30	FXDMJM31	FXDMJM32	FXDMJM33	FXDMJM34	FXDMJM35	FXDMJM36	FXDMJM37	FXDMJM38	FXDMJM39	FXDMJM40
over one month and up to three months	FXDMJM41	FXDMJM42	FXDMJM43	FXDMJM44	FXDMJM45	FXDMJM46	FXDMJM47	FXDMJM48	FXDMJM49	FXDMJM50	FXDMJM51	FXDMJM52	FXDMJM53	FXDMJM54	FXDMJM55	FXDMJM56	FXDMJM57	FXDMJM58	FXDMJM59	FXDMJM60	FXDMJM61	FXDMJM62	FXDMJM63	FXDMJM64
over three months and up to six months	FXDMJM65	FXDMJM66	FXDMJM67	FXDMJM68	FXDMJM69	FXDMJM70	FXDMJM71	FXDMJM72	FXDMJM73	FXDMJM74	FXDMJM75	FXDMJM76	FXDMJM77	FXDMJM78	FXDMJM79	FXDMJM80	FXDMJM81	FXDMJM82	FXDMJM83	FXDMJM84	FXDMJM85	FXDMJM86	FXDMJM87	FXDMJM88
over six months	FXDMJM89	FXDMJM90	FXDMJM91	FXDMJM92	FXDMJM93	FXDMJM94	FXDMJM95	FXDMJM96	FXDMJM97	FXDMJM98	FXDMJM99	FXDMJN00	FXDMJN01	FXDMJN02	FXDMJN03	FXDMJN04	FXDMJN05	FXDMJN06	FXDMJN07	FXDMJN08	FXDMJN09	FXDMJN10	FXDMJN11	FXDMJN12

[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 A3 for a more detailed breakdown of total turnover in "other" currencies. [3] "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. [8] A swap is considered to be a single transaction in that the two legs are not counted separately

Table A3

Central Bank Survey of Foreign Exchange and Derivatives Market Activity

FOREIGN EXCHANGE CONTRACTS [1]

Turnover in nominal or notional principal amounts in April 2019

(in millions of USD)

Instruments	Total turnover in listed currencies against all other currencies [2]																																				
	ARS	AUD	BGN	BHD	BRL	CAD	CHF	CLP	CNY	COP	CZK	DKK	GBP	HKD	HUF	IDR	ILS	INR	KRW	LTL	LVL	MXN	MYR	NOK	NZD	PEN	PHP	PLN	RON	RUB	SAR	SEK	SGD	THB	TRY	TWD	ZAR	Other
SPOT [3]																																						
with reporting dealers	FXDMBE32	FXDMBE92	FXDMBF52	FXDMBG12	FXDMBG72	FXDMBH32	FXDMBH92	FXDMBJ52	FXDMBK12	FXDMBK72	FXDMBL32	FXDMBL92	FXDMBM52	FXDMBN12	FXDMBN72	FXDMBP32	FXDMBP92	FXDMBQ52	FXDMBR12	FXDMBR72	FXDMBS32	FXDMBS92	FXDMBT52	FXDMBU12	FXDMBU72	FXDMBV32	FXDMBV92	FXDMBW52	FXDMBX12	FXDMBX72	FXDMBY32	FXDMBY92	FXDMBZ52	FXDMCA12	FXDMCA72	FXDMCB32	FXDMCB92	FXDMCC52
local	FXDMBE33	FXDMBE93	FXDMBF53	FXDMBG13	FXDMBG73	FXDMBH33	FXDMBH93	FXDMBJ53	FXDMBK13	FXDMBK73	FXDMBL33	FXDMBL93	FXDMBM53	FXDMBN13	FXDMBN73	FXDMBP33	FXDMBP93	FXDMBQ53	FXDMBR13	FXDMBR73	FXDMBS33	FXDMBS93	FXDMBT53	FXDMBU13	FXDMBU73	FXDMBV33	FXDMBV93	FXDMBW53	FXDMBX13	FXDMBX73	FXDMBY33	FXDMBY93	FXDMBZ53	FXDMCA13	FXDMCA73	FXDMCB33	FXDMCB93	FXDMCC53
cross-border	FXDMBE34	FXDMBE94	FXDMBF54	FXDMBG14	FXDMBG74	FXDMBH34	FXDMBH94	FXDMBJ54	FXDMBK14	FXDMBK74	FXDMBL34	FXDMBL94	FXDMBM54	FXDMBN14	FXDMBN74	FXDMBP34	FXDMBP94	FXDMBQ54	FXDMBR14	FXDMBR74	FXDMBS34	FXDMBS94	FXDMBT54	FXDMBU14	FXDMBU74	FXDMBV34	FXDMBV94	FXDMBW54	FXDMBX14	FXDMBX74	FXDMBY34	FXDMBY94	FXDMBZ54	FXDMCA14	FXDMCA74	FXDMCB34	FXDMCB94	FXDMCC54
with other financial institutions	FXDMBE35	FXDMBE95	FXDMBF55	FXDMBG15	FXDMBG75	FXDMBH35	FXDMBH95	FXDMBJ55	FXDMBK15	FXDMBK75	FXDMBL35	FXDMBL95	FXDMBM55	FXDMBN15	FXDMBN75	FXDMBP35	FXDMBP95	FXDMBQ55	FXDMBR15	FXDMBR75	FXDMBS35	FXDMBS95	FXDMBT55	FXDMBU15	FXDMBU75	FXDMBV35	FXDMBV95	FXDMBW55	FXDMBX15	FXDMBX75	FXDMBY35	FXDMBY95	FXDMBZ55	FXDMCA15	FXDMCA75	FXDMCB35	FXDMCB95	FXDMCC55
local	FXDMBE36	FXDMBE96	FXDMBF56	FXDMBG16	FXDMBG76	FXDMBH36	FXDMBH96	FXDMBJ56	FXDMBK16	FXDMBK76	FXDMBL36	FXDMBL96	FXDMBM56	FXDMBN16	FXDMBN76	FXDMBP36	FXDMBP96	FXDMBQ56	FXDMBR16	FXDMBR76	FXDMBS36	FXDMBS96	FXDMBT56	FXDMBU16	FXDMBU76	FXDMBV36	FXDMBV96	FXDMBW56	FXDMBX16	FXDMBX76	FXDMBY36	FXDMBY96	FXDMBZ56	FXDMCA16	FXDMCA76	FXDMCB36	FXDMCB96	FXDMCC56
cross-border	FXDMBE37	FXDMBE97	FXDMBF57	FXDMBG17	FXDMBG77	FXDMBH37	FXDMBH97	FXDMBJ57	FXDMBK17	FXDMBK77	FXDMBL37	FXDMBL97	FXDMBM57	FXDMBN17	FXDMBN77	FXDMBP37	FXDMBP97	FXDMBQ57	FXDMBR17	FXDMBR77	FXDMBS37	FXDMBS97	FXDMBT57	FXDMBU17	FXDMBU77	FXDMBV37	FXDMBV97	FXDMBW57	FXDMBX17	FXDMBX77	FXDMBY37	FXDMBY97	FXDMBZ57	FXDMCA17	FXDMCA77	FXDMCB37	FXDMCB97	FXDMCC57
non-reporting banks	FXDMBE38	FXDMBE98	FXDMBF58	FXDMBG18	FXDMBG78	FXDMBH38	FXDMBH98	FXDMBJ58	FXDMBK18	FXDMBK78	FXDMBL38	FXDMBL98	FXDMBM58	FXDMBN18	FXDMBN78	FXDMBP38	FXDMBP98	FXDMBQ58	FXDMBR18	FXDMBR78	FXDMBS38	FXDMBS98	FXDMBT58	FXDMBU18	FXDMBU78	FXDMBV38	FXDMBV98	FXDMBW58	FXDMBX18	FXDMBX78	FXDMBY38	FXDMBY98	FXDMBZ58	FXDMCA18	FXDMCA78	FXDMCB38	FXDMCB98	FXDMCC58
institutional investors	FXDMBE39	FXDMBE99	FXDMBF59	FXDMBG19	FXDMBG79	FXDMBH39	FXDMBH99	FXDMBJ59	FXDMBK19	FXDMBK79	FXDMBL39	FXDMBL99	FXDMBM59	FXDMBN19	FXDMBN79	FXDMBP39	FXDMBP99	FXDMBQ59	FXDMBR19	FXDMBR79	FXDMBS39	FXDMBS99	FXDMBT59	FXDMBU19	FXDMBU79	FXDMBV39	FXDMBV99	FXDMBW59	FXDMBX19	FXDMBX79	FXDMBY39	FXDMBY99	FXDMBZ59	FXDMCA19	FXDMCA79	FXDMCB39	FXDMCB99	FXDMCC59
hedge funds and proprietary trading firms	FXDMBE40	FXDMBF00	FXDMBF60	FXDMBG20	FXDMBG80	FXDMBH40	FXDMBJ00	FXDMBJ60	FXDMBK20	FXDMBK80	FXDMBL40	FXDMBM00	FXDMBM60	FXDMBN20	FXDMBN80	FXDMBP40	FXDMBQ00	FXDMBQ60	FXDMBR20	FXDMBR80	FXDMBS40	FXDMBT00	FXDMBT60	FXDMBU20	FXDMBU80	FXDMBV40	FXDMBW00	FXDMBW60	FXDMBX20	FXDMBX80	FXDMBY40	FXDMBZ00	FXDMBZ60	FXDMCA20	FXDMCA80	FXDMCB40	FXDMCC00	FXDMCC60
official sector financial institutions	FXDMBE41	FXDMBF01	FXDMBF61	FXDMBG21	FXDMBG81	FXDMBH41	FXDMBJ01	FXDMBJ61	FXDMBK21	FXDMBK81	FXDMBL41	FXDMBM01	FXDMBM61	FXDMBN21	FXDMBN81	FXDMBP41	FXDMBQ01	FXDMBQ61	FXDMBR21	FXDMBR81	FXDMBS41	FXDMBT01	FXDMBT61	FXDMBU21	FXDMBU81	FXDMBV41	FXDMBW01	FXDMBW61	FXDMBX21	FXDMBX81	FXDMBY41	FXDMBZ01	FXDMBZ61	FXDMCA21	FXDMCA81	FXDMCB41	FXDMCC01	FXDMCC61
others	FXDMBE42	FXDMBF02	FXDMBF62	FXDMBG22	FXDMBG82	FXDMBH42	FXDMBJ02	FXDMBJ62	FXDMBK22	FXDMBK82	FXDMBL42	FXDMBM02	FXDMBM62	FXDMBN22	FXDMBN82	FXDMBP42	FXDMBQ02	FXDMBQ62	FXDMBR22	FXDMBR82	FXDMBS42	FXDMBT02	FXDMBT62	FXDMBU22	FXDMBU82	FXDMBV42	FXDMBW02	FXDMBW62	FXDMBX22	FXDMBX82	FXDMBY42	FXDMBZ02	FXDMBZ62	FXDMCA22	FXDMCA82	FXDMCB42	FXDMCC02	FXDMCC62
undistributed	FXDMBE43	FXDMBF03	FXDMBF63	FXDMBG23	FXDMBG83	FXDMBH43	FXDMBJ03	FXDMBJ63	FXDMBK23	FXDMBK83	FXDMBL43	FXDMBM03	FXDMBM63	FXDMBN23	FXDMBN83	FXDMBP43	FXDMBQ03	FXDMBQ63	FXDMBR23	FXDMBR83	FXDMBS43	FXDMBT03	FXDMBT63	FXDMBU23	FXDMBU83	FXDMBV43	FXDMBW03	FXDMBW63	FXDMBX23	FXDMBX83	FXDMBY43	FXDMBZ03	FXDMBZ63	FXDMCA23	FXDMCA83	FXDMCB43	FXDMCC03	FXDMCC63
with non-financial customers	FXDMBE44	FXDMBF04	FXDMBF64	FXDMBG24	FXDMBG84	FXDMBH44	FXDMBJ04	FXDMBJ64	FXDMBK24	FXDMBK84	FXDMBL44	FXDMBM04	FXDMBM64	FXDMBN24	FXDMBN84	FXDMBP44	FXDMBQ04	FXDMBQ64	FXDMBR24	FXDMBR84	FXDMBS44	FXDMBT04	FXDMBT64	FXDMBU24	FXDMBU84	FXDMBV44	FXDMBW04	FXDMBW64	FXDMBX24	FXDMBX84	FXDMBY44	FXDMBZ04	FXDMBZ64	FXDMCA24	FXDMCA84	FXDMCB44	FXDMCC04	FXDMCC64
local	FXDMBE45	FXDMBF05	FXDMBF65	FXDMBG25	FXDMBG85	FXDMBH45	FXDMBJ05	FXDMBJ65	FXDMBK25	FXDMBK85	FXDMBL45	FXDMBM05	FXDMBM65	FXDMBN25	FXDMBN85	FXDMBP45	FXDMBQ05	FXDMBQ65	FXDMBR25	FXDMBR85	FXDMBS45	FXDMBT05	FXDMBT65	FXDMBU25	FXDMBU85	FXDMBV45	FXDMBW05	FXDMBW65	FXDMBX25	FXDMBX85	FXDMBY45	FXDMBZ05	FXDMBZ65	FXDMCA25	FXDMCA85	FXDMCB45	FXDMCC05	FXDMCC65
cross-border	FXDMBE46	FXDMBF06	FXDMBF66	FXDMBG26	FXDMBG86	FXDMBH46	FXDMBJ06	FXDMBJ66	FXDMBK26	FXDMBK86	FXDMBL46	FXDMBM06	FXDMBM66	FXDMBN26	FXDMBN86	FXDMBP46	FXDMBQ06	FXDMBQ66	FXDMBR26	FXDMBR86	FXDMBS46	FXDMBT06	FXDMBT66	FXDMBU26	FXDMBU86	FXDMBV46	FXDMBW06	FXDMBW66	FXDMBX26	FXDMBX86	FXDMBY46	FXDMBZ06	FXDMBZ66	FXDMCA26	FXDMCA86	FXDMCB46	FXDMCC06	FXDMCC66
TOTAL SPOT	FXDMBE47	FXDMBF07	FXDMBF67	FXDMBG27	FXDMBG87	FXDMBH47	FXDMBJ07	FXDMBJ67	FXDMBK27	FXDMBK87	FXDMBL47	FXDMBM07	FXDMBM67	FXDMBN27	FXDMBN87	FXDMBP47	FXDMBQ07	FXDMBQ67	FXDMBR27	FXDMBR87	FXDMBS47	FXDMBT07	FXDMBT67	FXDMBU27	FXDMBU87	FXDMBV47	FXDMBW07	FXDMBW67	FXDMBX27	FXDMBX87	FXDMBY47	FXDMBZ07	FXDMBZ67	FXDMCA27	FXDMCA87	FXDMCB47	FXDMCC07	FXDMCC67
o/w prime brokered	FXDMBE48	FXDMBF08	FXDMBF68	FXDMBG28	FXDMBG88	FXDMBH48	FXDMBJ08	FXDMBJ68	FXDMBK28	FXDMBK88	FXDMBL48	FXDMBM08	FXDMBM68	FXDMBN28	FXDMBN88	FXDMBP48	FXDMBQ08	FXDMBQ68	FXDMBR28	FXDMBR88	FXDMBS48	FXDMBT08	FXDMBT68	FXDMBU28	FXDMBU88	FXDMBV48	FXDMBW08	FXDMBW68	FXDMBX28	FXDMBX88	FXDMBY48	FXDMBZ08	FXDMBZ68	FXDMCA28	FXDMCA88	FXDMCB48	FXDMCC08	FXDMCC68
o/w retail-driven	FXDMBE49	FXDMBF09	FXDMBF69	FXDMBG29	FXDMBG89	FXDMBH49	FXDMBJ09	FXDMBJ69	FXDMBK29	FXDMBK89	FXDMBL49	FXDMBM09	FXDMBM69	FXDMBN29	FXDMBN89	FXDMBP49	FXDMBQ09	FXDMBQ69	FXDMBR29	FXDMBR89	FXDMBS49	FXDMBT09	FXDMBT69	FXDMBU29	FXDMBU89	FXDMBV49	FXDMBW09	FXDMBW69	FXDMBX29	FXDMBX89	FXDMBY49	FXDMBZ09	FXDMBZ69	FXDMCA29	FXDMCA89	FXDMCB49	FXDMCC09	FXDMCC69
OUTRIGHT FORWARDS [4]																																						
with reporting dealers	FXDMBE50	FXDMBF10	FXDMBF70	FXDMBG30	FXDMBG90	FXDMBH50	FXDMBJ10	FXDMBJ70	FXDMBK30	FXDMBK90	FXDMBL50	FXDMBM10	FXDMBM70	FXDMBN30	FXDMBN90	FXDMBP50	FXDMBQ10	FXDMBQ70	FXDMBR30	FXDMBR90	FXDMBS50	FXDMBT10	FXDMBT70	FXDMBU30	FXDMBU90	FXDMBV50	FXDMBW10	FXDMBW70	FXDMBX30	FXDMBX90	FXDMBY50	FXDMBZ10	FXDMBZ70	FXDMCA30	FXDMCA90	FXDMCB50	FXDMCC10	FXDMCC70
local	FXDMBE51	FXDMBF11	FXDMBF71	FXDMBG31	FXDMBG91	FXDMBH51	FXDMBJ11	FXDMBJ71	FXDMBK31	FXDMBK91	FXDMBL51	FXDMBM11	FXDMBM71	FXDMBN31	FXDMBN91	FXDMBP51	FXDMBQ11	FXDMBQ71	FXDMBR31	FXDMBR91	FXDMBS51	FXDMBT11	FXDMBT71	FXDMBU31	FXDMBU91	FXDMBV51	FXDMBW11	FXDMBW71	FXDMBX31	FXDMBX91	FXDMBY51	FXDMBZ11	FXDMBZ71	FXDMCA31	FXDMCA91	FXDMCB51	FXDMCC11	FXDMCC71
cross-border	FXDMBE52	FXDMBF12	FXDMBF72	FXDMBG32	FXDMBG92	FXDMBH52	FXDMBJ12	FXDMBJ72	FXDMBK32	FXDMBK92	FXDMBL52	FXDMBM12	FXDMBM72	FXDMBN32	FXDMBN92	FXDMBP52	FXDMBQ12	FXDMBQ72	FXDMBR32	FXDMBR92	FXDMBS52	FXDMBT12	FXDMBT72	FXDMBU32	FXDMBU92	FXDMBV52	FXDMBW12	FXDMBW72	FXDMBX32	FXDMBX92	FXDMBY52	FXDMBZ12	FXDMBZ72	FXDMCA32	FXDMCA92	FXDMCB52	FXDMCC12	FXDMCC72
with other financial institutions	FXDMBE53	FXDMBF13	FXDMBF73	FXDMBG33	FXDMBG93	FXDMBH53	FXDMBJ13	FXDMBJ73	FXDMBK33	FXDMBK93	FXDMBL53	FXDMBM13	FXDMBM73	FXDMBN33	FXDMBN93	FXDMBP53	FXDMBQ13	FXDMBQ73	FXDMBR33	FXDMBR93	FXDMBS53	FXDMBT13	FXDMBT73	FXDMBU33	FXDMBU93	FXDMBV53	FXDMBW13	FXDMBW73	FXDMBX33	FXDMBX93	FXDMBY53	FXDMBZ13	FXDMBZ73	FXDMCA33	FXDMCA93	FXDMCB53	FXDMCC13	FXDMCC73
local	FXDMBE54	FXDMBF14	FXDMBF74	FXDMBG34	FXDMBG94	FXDMBH54	FXDMBJ14	FXDMBJ74	FXDMBK34	FXDMBK94	FXDMBL54	FXDMBM14	FXDMBM74	FXDMBN34	FXDMBN94	FXDMBP54	FXDMBQ14	FXDMBQ74	FXDMBR34	FXDMBR94	FXDMBS54	FXDMBT14	FXDMBT74	FXDMBU34	FXDMBU94	FXDMBV54	FXDMBW14	FXDMBW74	FXDMBX34	FXDMBX94	FXDMBY54	FXDMBZ14	FXDMBZ74	FXDMCA34	FXDMCA94	FXDMCB54	FXDMCC14	FXDMCC74
cross-border	FXDMBE55	FXDMBF15	FXDMBF75	FXDMBG35	FXDMBG95	FXDMBH55	FXDMBJ15	FXDMBJ75	FXDMBK35	FXDMBK95	FXDMBL55	FXDMBM15	FXDMBM75	FXDMBN35	FXDMBN95	FXDMBP55	FXDMBQ15	FXDMBQ75	FXDMBR35	FXDMBR95	FXDMBS55	FXDMBT15	FXDMBT75	FXDMBU35	FXDMBU95	FXDMBV55	FXDMBW15	FXDMBW75	FXDMBX35	FXDMBX95	FXDMBY55	FXDMBZ15	FXDMBZ75	FXDMCA35	FXDMCA95	FXDMCB55	FXDMCC15	FXDMCC75
non-reporting banks	FXDMBE56	FXDMBF16	FXDMBF76	FXDMBG36	FXDMBG96	FXDMBH56	FXDMBJ16	FXDMBJ76	FXDMBK36	FXDMBK96	FXDMBL56	FXDMBM16	FXDMBM76	FXDMBN36	FXDMBN96	FXDMBP56	FXDMBQ16	FXDMBQ76	FXDMBR36	FXDMBR96	FXDMBS56	FXDMBT16	FXDMBT76	FXDMBU36	FXDMBU96	FXDMBV56	FXDMBW16	FXDMBW76	FXDMBX36	FXDMBX96	FXDMBY56	FXDMBZ16	FXDMBZ76	FXDMCA36	FXDMCA96	FXDMCB56	FXDMCC16	FXDMCC76
institutional investors	FXDMBE57	FXDMBF17	FXDMBF77	FXDMBG37	FXDMBG97	FXDMBH57	FXDMBJ17	FXDMBJ77	FXDMBK37	FXDMBK97	FXDMBL57	FXDMBM17	FXDMBM77	FXDMBN37	FXDMBN97	FXDMBP57	FXDMBQ17	FXDMBQ77	FXDMBR37	FXDMBR97	FXDMBS57	FXDMBT17	FXDMBT77	FXDMBU37	FXDMBU97	FXDMBV57	FXDMBW17	FXDMBW77	FXDMBX37	FXDMBX97	FXDMBY57	FXDMBZ17	FXDMBZ77	FXDMCA37	FXDMCA97	FXDMCB57	FXDMCC17	FXDMCC77
hedge funds and proprietary trading firms	FXDMBE58	FXDMBF18	FXDMBF78	FXDMBG38	FXDMBG98	FXDMBH58	FXDMBJ18	FXDMBJ78	FXDMBK38	FXDMBK98	FXDMBL58	FXDMBM18	FXDMBM78	FXDMBN38	FXDMBN98	FXDMBP58	FXDMBQ18	FXDMBQ78	FXDMBR38	FXDMBR98	FXDMBS58	FXDMBT18	FXDMBT78	FXDMBU38	FXDMBU98	FXDMBV58	FXDMBW18	FXDMBW78	FXDMBX38	FXDMBX98	FXDMBY58	FXDMBZ18	FXDMBZ78	FXDMCA38	FXDMCA98	FXDMCB58	FXDMCC18	FXDMCC78
official sector financial institutions	FXDMBE59	FXDMBF19	FXDMBF79	FXDMBG39	FXDMBG99	FXDMBH59	FXDMBJ19	FXDMBJ79	FXDMBK39	FXDMBK99	FXDMBL59	FXDMBM19	FXDMBM79	FXDMBN39	FXDMBN99	FXDMBP59	FXDMBQ19	FXDMBQ79	FXDMBR39	FXDMBR99	FXDMBS59	FXDMBT19	FXDMBT79	FXDMBU39	FXDMBU99	FXDMBV59	FXDMBW19	FXDMBW79	FXDMBX39	FXDMBX99	FXDMBY59	FXDMBZ19	FXDMBZ79	FXDMCA39	FXDMCA99	FXDMCB59	FXDMCC19	FXDMCC79
others	FXDMBE60	FXDMBF20	FXDMBF80	FXDMBG40	FXDMBH00	FXDMBH60	FXDMBJ20	FXDMBJ80	FXDMBK40	FXDMBL00	FXDMBL60	FXDMBM20	FXDMBM80	FXDMBN40	FXDMBP00	FXDMBP60	FXDMBQ20	FXDMBQ80	FXDMBR40	FXDMBS00	FXDMBS60	FXDMBT20	FXDMBT80	FXDMBU40	FXDMBV00	FXDMBV60	FXDMBW20	FXDMBW80	FXDMBX40	FXDMBY00	FXDMBY60	FXDMBZ20	FXDMBZ80	FXDMCA40	FXDMCB00	FXDMCB60	FXDMCC20	FXDMCC80
undistributed	FXDMBE61	FXDMBF21	FXDMBF81	FXDMBG41	FXDMBH01	FXDMBH61	FXDMBJ21	FXDMBJ81	FXDMBK41	FXDMBL01	FXDMBL61	FXDMBM21	FXDMBM81	FXDMBN41	FXDMBP01	FXDMBP61	FXDMBQ21	FXDMBQ81	FXDMBR41	FXDMBS01	FXDMBS61	FXDMBT21	FXDMBT81	FXDMBU41	FXDMBV01	FXDMBV61	FXDMBW21	FXDMBW81	FXDMBX41	FXDMBY01	FXDMBY61	FXDMBZ21	FXDMBZ81	FXDMCA41	FXDMCB01	FXDMCB61	FXDMCC21	FXDMCC81
with non-financial customers	FXDMBE62	FXDMBF22	FXDMBF82	FXDMBG42	FXDMBH02	FXDMBH62	FXDMBJ22	FXDMBJ82	FXDMBK42	FXDMBL02	FXDMBL62	FXDMBM22	FXDMBM82	FXDMBN42	FXDMBP02	FXDMBP62	FXDMBQ22	FXDMBQ82	FXDMBR42	FXDMBS02	FXDMBS62	FXDMBT22	FXDMBT82	FXDMBU42	FXDMBV02	FXDMBV62	FXDMBW22	FXDMBW82	FXDMBX42	FXDMBY02	FXDMBY62	FXDMBZ22	FXDMBZ82	FXDMCA42	FXDMCB02	FXDMCB62	FXDMCC22	FXDMCC82
local	FXDMBE63	FXDMBF23	FXDMBF83	FXDMBG43	FXDMBH03	FXDMBH63	FXDMBJ23	FXDMBJ83	FXDMBK43	FXDMBL03	FXDMBL63	FXDMBM23	FXDMBM83	FXDMBN43	FXDMBP03	FXDMBP63	FXDMBQ23	FXDMBQ83	FXDMBR43	FXDMBS03	FXDMBS63	FXDMBT23	FXDMBT83	FXDMBU43	FXDMBV03	FXDMBV63	FXDMBW23	FXDMBW83	FXDMBX43	FXDMBY03	FXDMBY63	FXDMBZ23	FXDMBZ83	FXDMCA43	FXDMCB03	FXDMCB63	FXDMCC23	FXDMCC83
cross-border	FXDMBE64	FXDMBF24	FXDMBF84	FXDMBG44	FXDMBH04	FXDMBH64	FXDMBJ24	FXDMBJ84	FXDMBK44	FXDMBL04	FXDMBL64	FXDMBM24	FXDMBM84	FXDMBN44	FXDMBP04	FXDMBP64	FXDMBQ24	FXDMBQ84	FXDMBR44	FXDMBS04	FXDMBS64	FXDMBT24	FXDMBT84	FXDMBU44	FXDMBV04	FXDMBV64	FXDMBW24	FXDMBW84	FXDMBX44	FXDMBY04	FXDMBY64	FXDMBZ24	FXDMBZ84	FXDMCA44	FXDMCB04	FXDMCB64	FXDMCC24	FXDMCC84
TOTAL OUTRIGHT FORWARDS	FXDMBE65	FXDMBF25	FXDMBF85	FXDMBG45	FXDMBH05	FXDMBH65	FXDMBJ25	FXDMBJ85	FXDMBK45	FXDMBL05	FXDMBL65	FXDMBM25	FXDMBM85	FXDMBN45	FXDMBP05	FXDMBP65	FXDMBQ25	FXDMBQ85	FXDMBR45	FXDMBS05	FXDMBS65	FXDMBT25	FXDMBT85	FXDMBU45	FXDMBV05	FXDMBV65	FXDMBW25	FXDMBW85	FXDMBX45	FXDMBY05	FXDMBY65	FXDMBZ25	FXDMBZ85	FXDMCA45	FXDMCB05	FXDMCB65	FXDMCC25	FXDMCC85
o/w prime brokered	FXDMBE66	FXDMBF26	FXDMBF86	FXDMBG46	FXDMBH06	FXDMBH66	FXDMBJ26	FXDMBJ86	FXDMBK46	FXDMBL06	FXDMBL66	FXDMBM26	FXDMBM86	FXDMBN46	FXDMBP06	FXDMBP66	FXDMBQ26	FXDMBQ86	FXDMBR46	FXDMBS06	FXDMBS66	FXDMBT26	FXDMBT86	FXDMBU46	FXDMBV06	FXDMBV66	FXDMBW26	FXDMBW86	FXDMBX46	FXDMBY06	FXDMBY66	FXDMBZ26	FXDMBZ86	FXDMCA46	FXDMCB06	FXDMCB66	FXDMCC26	FXDMCC86
o/w retail-driven	FXDMBE67	FXDMBF27	FXDMBF87	FXDMBG47	FXDMBH07	FXDMBH67	FXDMBJ27	FXDMBJ87	FXDMBK47	FXDMBL07	FXDMBL67	FXDMBM27	FXDMBM87	FXDMBN47	FXDMBP07	FXDMBP67	FXDMBQ27	FXDMBQ87	FXDMBR47	FXDMBS07	FXDMBS67	FXDMBT27	FXDMBT87	FXDMBU47	FXDMBV07	FXDMBV67	FXDMBW27	FXDMBW87	FXDMBX47	FXDMBY07	FXDMBY67	FXDMBZ27	FXDMBZ87	FXDMCA47	FXDMCB07	FXDMCB67	FXDMCC27	FXDMCC87
o/w non-deliverable forwards [5]																																						
MATURITIES OUTRIGHT FORWARDS																																						
seven days or less	FXDMBE68	FXDMBF28	FXDMBF88	FXDMBG48	FXDMBH08	FXDMBH68	FXDMBJ28	FXDMBJ88	FXDMBK48	FXDMBL08	FXDMBL68	FXDMBM28	FXDMBM88	FXDMBN48	FXDMBP08	FXDMBP68	FXDMBQ28	FXDMBQ88	FXDMBR48	FXDMBS08	FXDMBS68	FXDMBT28	FXDMBT88	FXDMBU48	FXDMBV08	FXDMBV68	FXDMBW28	FXDMBW88	FXDMBX48	FXDMBY08	FXDMBY68	FXDMBZ28	FXDMBZ88	FXDMCA48	FXDMCB08	FXDMCB68	FXDMCC28	FXDMCC88
over seven days and up to one month	FXDMJN13	FXDMJN14	FXDMJN15	FXDMJN16	FXDMJN17	FXDMJN18	FXDMJN19	FXDMJN20	FXDMJN21	FXDMJN22	FXDMJN23	FXDMJN24	FXDMJN25	FXDMJN26	FXDMJN27	FXDMJN28	FXDMJN29	FXDMJN30	FXDMJN31	FXDMJN32	FXDMJN33	FXDMJN34	FXDMJN35	FXDMJN36	FXDMJN37	FXDMJN38	FXDMJN39	FXDMJN40	FXDMJN41	FXDMJN42	FXDMJN43	FXDMJN44	FXDMJN45	FXDMJN46	FXDMJN47	FXDMJN48	FXDMJN49	FXDMJN50
over one month and up to three months	FXDMJN51	FXDMJN52	FXDMJN53	FXDMJN54	FXDMJN55	FXDMJN56	FXDMJN57	FXDMJN58	FXDMJN59	FXDMJN60	FXDMJN61	FXDMJN62	FXDMJN63	FXDMJN64	FXDMJN65	FXDMJN66	FXDMJN67	FXDMJN68	FXDMJN69	FXDMJN70	FXDMJN71	FXDMJN72	FXDMJN73	FXDMJN74	FXDMJN75	FXDMJN76	FXDMJN77	FXDMJN78	FXDMJN79	FXDMJN80	FXDMJN81	FXDMJN82	FXDMJN83	FXDMJN84	FXDMJN85	FXDMJN86	FXDMJN87	FXDMJN88
over three months and up to six months	FXDMJN89	FXDMJN90	FXDMJN91	FXDMJN92	FXDMJN93	FXDMJN94	FXDMJN95	FXDMJN96	FXDMJN97	FXDMJN98	FXDMJN99	FXDMJP00	FXDMJP01	FXDMJP02	FXDMJP03	FXDMJP04	FXDMJP05	FXDMJP06	FXDMJP07	FXDMJP08	FXDMJP09	FXDMJP10	FXDMJP11	FXDMJP12	FXDMJP13	FXDMJP14	FXDMJP15	FXDMJP16	FXDMJP17	FXDMJP18	FXDMJP19	FXDMJP20	FXDMJP21	FXDMJP22	FXDMJP23	FXDMJP24	FXDMJP25	FXDMJP26
over six months	FXDMJP27	FXDMJP28	FXDMJP29	FXDMJP30	FXDMJP31	FXDMJP32	FXDMJP33	FXDMJP34	FXDMJP35	FXDMJP36	FXDMJP37	FXDMJP38	FXDMJP39	FXDMJP40	FXDMJP41	FXDMJP42	FXDMJP43	FXDMJP44	FXDMJP45	FXDMJP46	FXDMJP47	FXDMJP48	FXDMJP49	FXDMJP50	FXDMJP51	FXDMJP52	FXDMJP53	FXDMJP54	FXDMJP55	FXDMJP56	FXDMJP57	FXDMJP58	FXDMJP59	FXDMJP60	FXDMJP61	FXDMJP62	FXDMJP63	FXDMJP64
FOREIGN EXCHANGE SWAPS [6]																																						
with reporting dealers	FXDMBE71	FXDMBF31	FXDMBF91	FXDMBG51	FXDMBH11	FXDMBH71	FXDMBJ31	FXDMBJ91	FXDMBK51	FXDMBL11	FXDMBL71	FXDMBM31	FXDMBM91	FXDMBN51	FXDMBP11	FXDMBP71	FXDMBQ31	FXDMBQ91	FXDMBR51	FXDMBS11	FXDMBS71	FXDMBT31	FXDMBT91	FXDMBU51	FXDMBV11	FXDMBV71	FXDMBW31	FXDMBW91	FXDMBX51	FXDMBY11	FXDMBY71	FXDMBZ31	FXDMBZ91	FXDMCA51	FXDMCB11	FXDMCB71	FXDMCC31	FXDMCC91
local	FXDMBE72	FXDMBF32	FXDMBF92	FXDMBG52	FXDMBH12	FXDMBH72	FXDMBJ32	FXDMBJ92	FXDMBK52	FXDMBL12	FXDMBL72	FXDMBM32	FXDMBM92	FXDMBN52	FXDMBP12	FXDMBP72	FXDMBQ32	FXDMBQ92	FXDMBR52	FXDMBS12	FXDMBS72	FXDMBT32	FXDMBT92	FXDMBU52	FXDMBV12	FXDMBV72	FXDMBW32	FXDMBW92	FXDMBX52	FXDMBY12	FXDMBY72	FXDMBZ32	FXDMBZ92	FXDMCA52	FXDMCB12	FXDMCB72	FXDMCC32	FXDMCC92
cross-border	FXDMBE73	FXDMBF33	FXDMBF93	FXDMBG53	FXDMBH13	FXDMBH73	FXDMBJ33	FXDMBJ93	FXDMBK53	FXDMBL13	FXDMBL73	FXDMBM33	FXDMBM93	FXDMBN53	FXDMBP13	FXDMBP73	FXDMBQ33	FXDMBQ93	FXDMBR53	FXDMBS13	FXDMBS73	FXDMBT33	FXDMBT93	FXDMBU53	FXDMBV13	FXDMBV73	FXDMBW33	FXDMBW93	FXDMBX53	FXDMBY13	FXDMBY73	FXDMBZ33	FXDMBZ93	FXDMCA53	FXDMCB13	FXDMCB73	FXDMCC33	FXDMCC93
with other financial institutions	FXDMBE74	FXDMBF34	FXDMBF94	FXDMBG54	FXDMBH14	FXDMBH74	FXDMBJ34	FXDMBJ94	FXDMBK54	FXDMBL14	FXDMBL74	FXDMBM34	FXDMBM94	FXDMBN54	FXDMBP14	FXDMBP74	FXDMBQ34	FXDMBQ94	FXDMBR54	FXDMBS14	FXDMBS74	FXDMBT34	FXDMBT94	FXDMBU54	FXDMBV14	FXDMBV74	FXDMBW34	FXDMBW94	FXDMBX54	FXDMBY14	FXDMBY74	FXDMBZ34	FXDMBZ94	FXDMCA54	FXDMCB14	FXDMCB74	FXDMCC34	FXDMCC94
local	FXDMBE75	FXDMBF35	FXDMBF95	FXDMBG55	FXDMBH15	FXDMBH75	FXDMBJ35	FXDMBJ95	FXDMBK55	FXDMBL15	FXDMBL75	FXDMBM35	FXDMBM95	FXDMBN55	FXDMBP15	FXDMBP75	FXDMBQ35	FXDMBQ95	FXDMBR55	FXDMBS15	FXDMBS75	FXDMBT35	FXDMBT95	FXDMBU55	FXDMBV15	FXDMBV75	FXDMBW35	FXDMBW95	FXDMBX55	FXDMBY15	FXDMBY75	FXDMBZ35	FXDMBZ95	FXDMCA55	FXDMCB15	FXDMCB75	FXDMCC35	FXDMCC95
cross-border	FXDMBE76	FXDMBF36	FXDMBF96	FXDMBG56	FXDMBH16	FXDMBH76	FXDMBJ36	FXDMBJ96	FXDMBK56	FXDMBL16	FXDMBL76	FXDMBM36	FXDMBM96	FXDMBN56	FXDMBP16	FXDMBP76	FXDMBQ36	FXDMBQ96	FXDMBR56	FXDMBS16	FXDMBS76	FXDMBT36	FXDMBT96	FXDMBU56	FXDMBV16	FXDMBV76	FXDMBW36	FXDMBW96	FXDMBX56	FXDMBY16	FXDMBY76	FXDMBZ36	FXDMBZ96	FXDMCA56	FXDMCB16	FXDMCB76	FXDMCC36	FXDMCC96
non-reporting banks	FXDMBE77	FXDMBF37	FXDMBF97	FXDMBG57	FXDMBH17	FXDMBH77	FXDMBJ37	FXDMBJ97	FXDMBK57	FXDMBL17	FXDMBL77	FXDMBM37	FXDMBM97	FXDMBN57	FXDMBP17	FXDMBP77	FXDMBQ37	FXDMBQ97	FXDMBR57	FXDMBS17	FXDMBS77	FXDMBT37	FXDMBT97	FXDMBU57	FXDMBV17	FXDMBV77	FXDMBW37	FXDMBW97	FXDMBX57	FXDMBY17	FXDMBY77	FXDMBZ37	FXDMBZ97	FXDMCA57	FXDMCB17	FXDMCB77	FXDMCC37	FXDMCC97
institutional investors	FXDMBE78	FXDMBF38	FXDMBF98	FXDMBG58	FXDMBH18	FXDMBH78	FXDMBJ38	FXDMBJ98	FXDMBK58	FXDMBL18	FXDMBL78	FXDMBM38	FXDMBM98	FXDMBN58	FXDMBP18	FXDMBP78	FXDMBQ38	FXDMBQ98	FXDMBR58	FXDMBS18	FXDMBS78	FXDMBT38	FXDMBT98	FXDMBU58	FXDMBV18	FXDMBV78	FXDMBW38	FXDMBW98	FXDMBX58	FXDMBY18	FXDMBY78	FXDMBZ38	FXDMBZ98	FXDMCA58	FXDMCB18	FXDMCB78	FXDMCC38	FXDMCC98
hedge funds and proprietary trading firms	FXDMBE79	FXDMBF39	FXDMBF99	FXDMBG59	FXDMBH19	FXDMBH79	FXDMBJ39	FXDMBJ99	FXDMBK59	FXDMBL19	FXDMBL79	FXDMBM39	FXDMBM99	FXDMBN59	FXDMBP19	FXDMBP79	FXDMBQ39	FXDMBQ99	FXDMBR59	FXDMBS19	FXDMBS79	FXDMBT39	FXDMBT99	FXDMBU59	FXDMBV19	FXDMBV79	FXDMBW39	FXDMBW99	FXDMBX59	FXDMBY19	FXDMBY79	FXDMBZ39	FXDMBZ99	FXDMCA59	FXDMCB19	FXDMCB79	FXDMCC39	FXDMCC99
official sector financial institutions	FXDMBE80	FXDMBF40	FXDMBG00	FXDMBG60	FXDMBH20	FXDMBH80	FXDMBJ40	FXDMBK00	FXDMBK60	FXDMBL20	FXDMBL80	FXDMBM40	FXDMBN00	FXDMBN60	FXDMBP20	FXDMBP80	FXDMBQ40	FXDMBR00	FXDMBR60	FXDMBS20	FXDMBS80	FXDMBT40	FXDMBU00	FXDMBU60	FXDMBV20	FXDMBV80	FXDMBW40	FXDMBX00	FXDMBX60	FXDMBY20	FXDMBY80	FXDMBZ40	FXDMCA00	FXDMCA60	FXDMCB20	FXDMCB80	FXDMCC40	FXDMCD00
others	FXDMBE81	FXDMBF41	FXDMBG01	FXDMBG61	FXDMBH21	FXDMBH81	FXDMBJ41	FXDMBK01	FXDMBK61	FXDMBL21	FXDMBL81	FXDMBM41	FXDMBN01	FXDMBN61	FXDMBP21	FXDMBP81	FXDMBQ41	FXDMBR01	FXDMBR61	FXDMBS21	FXDMBS81	FXDMBT41	FXDMBU01	FXDMBU61	FXDMBV21	FXDMBV81	FXDMBW41	FXDMBX01	FXDMBX61	FXDMBY21	FXDMBY81	FXDMBZ41	FXDMCA01	FXDMCA61	FXDMCB21	FXDMCB81	FXDMCC41	FXDMCD01
undistributed	FXDMBE82	FXDMBF42	FXDMBG02	FXDMBG62	FXDMBH22	FXDMBH82	FXDMBJ42	FXDMBK02	FXDMBK62	FXDMBL22	FXDMBL82	FXDMBM42	FXDMBN02	FXDMBN62	FXDMBP22	FXDMBP82	FXDMBQ42	FXDMBR02	FXDMBR62	FXDMBS22	FXDMBS82	FXDMBT42	FXDMBU02	FXDMBU62	FXDMBV22	FXDMBV82	FXDMBW42	FXDMBX02	FXDMBX62	FXDMBY22	FXDMBY82	FXDMBZ42	FXDMCA02	FXDMCA62	FXDMCB22	FXDMCB82	FXDMCC42	FXDMCD02
with non-financial customers	FXDMBE83	FXDMBF43	FXDMBG03	FXDMBG63	FXDMBH23	FXDMBH83	FXDMBJ43	FXDMBK03	FXDMBK63	FXDMBL23	FXDMBL83	FXDMBM43	FXDMBN03	FXDMBN63	FXDMBP23	FXDMBP83	FXDMBQ43	FXDMBR03	FXDMBR63	FXDMBS23	FXDMBS83	FXDMBT43	FXDMBU03	FXDMBU63	FXDMBV23	FXDMBV83	FXDMBW43	FXDMBX03	FXDMBX63	FXDMBY23	FXDMBY83	FXDMBZ43	FXDMCA03	FXDMCA63	FXDMCB23	FXDMCB83	FXDMCC43	FXDMCD03
local	FXDMBE84	FXDMBF44	FXDMBG04	FXDMBG64	FXDMBH24	FXDMBH84	FXDMBJ44	FXDMBK04	FXDMBK64	FXDMBL24	FXDMBL84	FXDMBM44	FXDMBN04	FXDMBN64	FXDMBP24	FXDMBP84	FXDMBQ44	FXDMBR04	FXDMBR64	FXDMBS24	FXDMBS84	FXDMBT44	FXDMBU04	FXDMBU64	FXDMBV24	FXDMBV84	FXDMBW44	FXDMBX04	FXDMBX64	FXDMBY24	FXDMBY84	FXDMBZ44	FXDMCA04	FXDMCA64	FXDMCB24	FXDMCB84	FXDMCC44	FXDMCD04
cross-border	FXDMBE85	FXDMBF45	FXDMBG05	FXDMBG65	FXDMBH25	FXDMBH85	FXDMBJ45	FXDMBK05	FXDMBK65	FXDMBL25	FXDMBL85	FXDMBM45	FXDMBN05	FXDMBN65	FXDMBP25	FXDMBP85	FXDMBQ45	FXDMBR05	FXDMBR65	FXDMBS25	FXDMBS85	FXDMBT45	FXDMBU05	FXDMBU65	FXDMBV25	FXDMBV85	FXDMBW45	FXDMBX05	FXDMBX65	FXDMBY25	FXDMBY85	FXDMBZ45	FXDMCA05	FXDMCA65	FXDMCB25	FXDMCB85	FXDMCC45	FXDMCD05
TOTAL FOREIGN EXCHANGE SWAPS	FXDMBE86	FXDMBF46	FXDMBG06	FXDMBG66	FXDMBH26	FXDMBH86	FXDMBJ46	FXDMBK06	FXDMBK66	FXDMBL26	FXDMBL86	FXDMBM46	FXDMBN06	FXDMBN66	FXDMBP26	FXDMBP86	FXDMBQ46	FXDMBR06	FXDMBR66	FXDMBS26	FXDMBS86	FXDMBT46	FXDMBU06	FXDMBU66	FXDMBV26	FXDMBV86	FXDMBW46	FXDMBX06	FXDMBX66	FXDMBY26	FXDMBY86	FXDMBZ46	FXDMCA06	FXDMCA66	FXDMCB26	FXDMCB86	FXDMCC46	FXDMCD06
o/w prime brokered	FXDMBE87	FXDMBF47	FXDMBG07	FXDMBG67	FXDMBH27	FXDMBH87	FXDMBJ47	FXDMBK07	FXDMBK67	FXDMBL27	FXDMBL87	FXDMBM47	FXDMBN07	FXDMBN67	FXDMBP27	FXDMBP87	FXDMBQ47	FXDMBR07	FXDMBR67	FXDMBS27	FXDMBS87	FXDMBT47	FXDMBU07	FXDMBU67	FXDMBV27	FXDMBV87	FXDMBW47	FXDMBX07	FXDMBX67	FXDMBY27	FXDMBY87	FXDMBZ47	FXDMCA07	FXDMCA67	FXDMCB27	FXDMCB87	FXDMCC47	FXDMCD07
o/w retail-driven	FXDMBE88	FXDMBF48	FXDMBG08	FXDMBG68	FXDMBH28	FXDMBH88	FXDMBJ48	FXDMBK08	FXDMBK68	FXDMBL28	FXDMBL88	FXDMBM48	FXDMBN08	FXDMBN68	FXDMBP28	FXDMBP88	FXDMBQ48	FXDMBR08	FXDMBR68	FXDMBS28	FXDMBS88	FXDMBT48	FXDMBU08	FXDMBU68	FXDMBV28	FXDMBV88	FXDMBW48	FXDMBX08	FXDMBX68	FXDMBY28	FXDMBY88	FXDMBZ48	FXDMCA08	FXDMCA68	FXDMCB28	FXDMCB88	FXDMCC48	FXDMCD08
MATURITIES FOREIGN EXCHANGE SWAPS																																						
seven days or less	FXDMBE89	FXDMBF49	FXDMBG09	FXDMBG69	FXDMBH29	FXDMBH89	FXDMBJ49	FXDMBK09	FXDMBK69	FXDMBL29	FXDMBL89	FXDMBM49	FXDMBN09	FXDMBN69	FXDMBP29	FXDMBP89	FXDMBQ49	FXDMBR09	FXDMBR69	FXDMBS29	FXDMBS89	FXDMBT49	FXDMBU09	FXDMBU69	FXDMBV29	FXDMBV89	FXDMBW49	FXDMBX09	FXDMBX69	FXDMBY29	FXDMBY89	FXDMBZ49	FXDMCA09	FXDMCA69	FXDMCB29	FXDMCB89	FXDMCC49	FXDMCD09
over seven days and up to one month	FXDMJP65	FXDMJP66	FXDMJP67	FXDMJP68	FXDMJP69	FXDMJP70	FXDMJP71	FXDMJP72	FXDMJP73	FXDMJP74	FXDMJP75	FXDMJP76	FXDMJP77	FXDMJP78	FXDMJP79	FXDMJP80	FXDMJP81	FXDMJP82	FXDMJP83	FXDMJP84	FXDMJP85	FXDMJP86	FXDMJP87	FXDMJP88	FXDMJP89	FXDMJP90	FXDMJP91	FXDMJP92	FXDMJP93	FXDMJP94	FXDMJP95	FXDMJP96	FXDMJP97	FXDMJP98	FXDMJP99	FXDMJQ00	FXDMJQ01	FXDMJQ02
over one month and up to three months	FXDMJQ03	FXDMJQ04	FXDMJQ05	FXDMJQ06	FXDMJQ07	FXDMJQ08	FXDMJQ09	FXDMJQ10	FXDMJQ11	FXDMJQ12	FXDMJQ13	FXDMJQ14	FXDMJQ15	FXDMJQ16	FXDMJQ17	FXDMJQ18	FXDMJQ19	FXDMJQ20	FXDMJQ21	FXDMJQ22	FXDMJQ23	FXDMJQ24	FXDMJQ25	FXDMJQ26	FXDMJQ27	FXDMJQ28	FXDMJQ29	FXDMJQ30	FXDMJQ31	FXDMJQ32	FXDMJQ33	FXDMJQ34	FXDMJQ35	FXDMJQ36	FXDMJQ37	FXDMJQ38	FXDMJQ39	FXDMJQ40
over three months and up to six months	FXDMJQ41	FXDMJQ42	FXDMJQ43	FXDMJQ44	FXDMJQ45	FXDMJQ46	FXDMJQ47	FXDMJQ48	FXDMJQ49	FXDMJQ50	FXDMJQ51	FXDMJQ52	FXDMJQ53	FXDMJQ54	FXDMJQ55	FXDMJQ56	FXDMJQ57	FXDMJQ58	FXDMJQ59	FXDMJQ60	FXDMJQ61	FXDMJQ62	FXDMJQ63	FXDMJQ64	FXDMJQ65	FXDMJQ66	FXDMJQ67	FXDMJQ68	FXDMJQ69	FXDMJQ70	FXDMJQ71	FXDMJQ72	FXDMJQ73	FXDMJQ74	FXDMJQ75	FXDMJQ76	FXDMJQ77	FXDMJQ78
over six months	FXDMJQ79	FXDMJQ80	FXDMJQ81	FXDMJQ82	FXDMJQ83	FXDMJQ84	FXDMJQ85	FXDMJQ86	FXDMJQ87	FXDMJQ88	FXDMJQ89	FXDMJQ90	FXDMJQ91	FXDMJQ92	FXDMJQ93	FXDMJQ94	FXDMJQ95	FXDMJQ96	FXDMJQ97	FXDMJQ98	FXDMJQ99	FXDMJR00	FXDMJR01	FXDMJR02	FXDMJR03	FXDMJR04	FXDMJR05	FXDMJR06	FXDMJR07	FXDMJR08	FXDMJR09	FXDMJR10	FXDMJR11	FXDMJR12	FXDMJR13	FXDMJR14	FXDMJR15	FXDMJR16

[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] 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. [6] 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

Central Bank Survey of Foreign Exchange and Derivatives Market Activity
FOREIGN EXCHANGE CONTRACTS [1]
Turnover in nominal or notional principal amounts in April 2019
(in millions of USD)

Instruments	USD against																						
	AUD	BRL	CAD	CHF	CNY	EUR	GBP	HKD	INR	JPY	KRW	MXN	NOK	NZD	PLN	RUB	SEK	SGD	TRY	TWD	ZAR	Other [2]	TOT
CURRENCY SWAPS [3]																							
with reporting dealers	FXDMCD12	FXDMCD70	FXDMCE28	FXDMCE86	FXDMCF44	FXDMCG02	FXDMCG60	FXDMCH18	FXDMCH76	FXDMCJ34	FXDMCJ92	FXDMCK50	FXDMCL08	FXDMCL66	FXDMCM24	FXDMCM82	FXDMCN40	FXDMCN98	FXDMCP56	FXDMCQ14	FXDMCQ72	FXDMCR30	FXDMCR88
local	FXDMCD13	FXDMCD71	FXDMCE29	FXDMCE87	FXDMCF45	FXDMCG03	FXDMCG61	FXDMCH19	FXDMCH77	FXDMCJ35	FXDMCJ93	FXDMCK51	FXDMCL09	FXDMCL67	FXDMCM25	FXDMCM83	FXDMCN41	FXDMCN99	FXDMCP57	FXDMCQ15	FXDMCQ73	FXDMCR31	FXDMCR89
cross-border	FXDMCD14	FXDMCD72	FXDMCE30	FXDMCE88	FXDMCF46	FXDMCG04	FXDMCG62	FXDMCH20	FXDMCH78	FXDMCJ36	FXDMCJ94	FXDMCK52	FXDMCL10	FXDMCL68	FXDMCM26	FXDMCM84	FXDMCN42	FXDMCP00	FXDMCP58	FXDMCQ16	FXDMCQ74	FXDMCR32	FXDMCR90
with other financial institutions	FXDMCD15	FXDMCD73	FXDMCE31	FXDMCE89	FXDMCF47	FXDMCG05	FXDMCG63	FXDMCH21	FXDMCH79	FXDMCJ37	FXDMCJ95	FXDMCK53	FXDMCL11	FXDMCL69	FXDMCM27	FXDMCM85	FXDMCN43	FXDMCP01	FXDMCP59	FXDMCQ17	FXDMCQ75	FXDMCR33	FXDMCR91
local	FXDMCD16	FXDMCD74	FXDMCE32	FXDMCE90	FXDMCF48	FXDMCG06	FXDMCG64	FXDMCH22	FXDMCH80	FXDMCJ38	FXDMCJ96	FXDMCK54	FXDMCL12	FXDMCL70	FXDMCM28	FXDMCM86	FXDMCN44	FXDMCP02	FXDMCP60	FXDMCQ18	FXDMCQ76	FXDMCR34	FXDMCR92
cross-border	FXDMCD17	FXDMCD75	FXDMCE33	FXDMCE91	FXDMCF49	FXDMCG07	FXDMCG65	FXDMCH23	FXDMCH81	FXDMCJ39	FXDMCJ97	FXDMCK55	FXDMCL13	FXDMCL71	FXDMCM29	FXDMCM87	FXDMCN45	FXDMCP03	FXDMCP61	FXDMCQ19	FXDMCQ77	FXDMCR35	FXDMCR93
non-reporting banks	FXDMCD18	FXDMCD76	FXDMCE34	FXDMCE92	FXDMCF50	FXDMCG08	FXDMCG66	FXDMCH24	FXDMCH82	FXDMCJ40	FXDMCJ98	FXDMCK56	FXDMCL14	FXDMCL72	FXDMCM30	FXDMCM88	FXDMCN46	FXDMCP04	FXDMCP62	FXDMCQ20	FXDMCQ78	FXDMCR36	FXDMCR94
institutional investors	FXDMCD19	FXDMCD77	FXDMCE35	FXDMCE93	FXDMCF51	FXDMCG09	FXDMCG67	FXDMCH25	FXDMCH83	FXDMCJ41	FXDMCJ99	FXDMCK57	FXDMCL15	FXDMCL73	FXDMCM31	FXDMCM89	FXDMCN47	FXDMCP05	FXDMCP63	FXDMCQ21	FXDMCQ79	FXDMCR37	FXDMCR95
hedge funds and proprietary trading firms	FXDMCD20	FXDMCD78	FXDMCE36	FXDMCE94	FXDMCF52	FXDMCG10	FXDMCG68	FXDMCH26	FXDMCH84	FXDMCJ42	FXDMCK00	FXDMCK58	FXDMCL16	FXDMCL74	FXDMCM32	FXDMCM90	FXDMCN48	FXDMCP06	FXDMCP64	FXDMCQ22	FXDMCQ80	FXDMCR38	FXDMCR96
official sector financial institutions	FXDMCD21	FXDMCD79	FXDMCE37	FXDMCE95	FXDMCF53	FXDMCG11	FXDMCG69	FXDMCH27	FXDMCH85	FXDMCJ43	FXDMCK01	FXDMCK59	FXDMCL17	FXDMCL75	FXDMCM33	FXDMCM91	FXDMCN49	FXDMCP07	FXDMCP65	FXDMCQ23	FXDMCQ81	FXDMCR39	FXDMCR97
others	FXDMCD22	FXDMCD80	FXDMCE38	FXDMCE96	FXDMCF54	FXDMCG12	FXDMCG70	FXDMCH28	FXDMCH86	FXDMCJ44	FXDMCK02	FXDMCK60	FXDMCL18	FXDMCL76	FXDMCM34	FXDMCM92	FXDMCN50	FXDMCP08	FXDMCP66	FXDMCQ24	FXDMCQ82	FXDMCR40	FXDMCR98
undistributed	FXDMCD23	FXDMCD81	FXDMCE39	FXDMCE97	FXDMCF55	FXDMCG13	FXDMCG71	FXDMCH29	FXDMCH87	FXDMCJ45	FXDMCK03	FXDMCK61	FXDMCL19	FXDMCL77	FXDMCM35	FXDMCM93	FXDMCN51	FXDMCP09	FXDMCP67	FXDMCQ25	FXDMCQ83	FXDMCR41	FXDMCR99
with non-financial customers	FXDMCD24	FXDMCD82	FXDMCE40	FXDMCE98	FXDMCF56	FXDMCG14	FXDMCG72	FXDMCH30	FXDMCH88	FXDMCJ46	FXDMCK04	FXDMCK62	FXDMCL20	FXDMCL78	FXDMCM36	FXDMCM94	FXDMCN52	FXDMCP10	FXDMCP68	FXDMCQ26	FXDMCQ84	FXDMCR42	FXDMCS00
local	FXDMCD25	FXDMCD83	FXDMCE41	FXDMCE99	FXDMCF57	FXDMCG15	FXDMCG73	FXDMCH31	FXDMCH89	FXDMCJ47	FXDMCK05	FXDMCK63	FXDMCL21	FXDMCL79	FXDMCM37	FXDMCM95	FXDMCN53	FXDMCP11	FXDMCP69	FXDMCQ27	FXDMCQ85	FXDMCR43	FXDMCS01
cross-border	FXDMCD26	FXDMCD84	FXDMCE42	FXDMCF00	FXDMCF58	FXDMCG16	FXDMCG74	FXDMCH32	FXDMCH90	FXDMCJ48	FXDMCK06	FXDMCK64	FXDMCL22	FXDMCL80	FXDMCM38	FXDMCM96	FXDMCN54	FXDMCP12	FXDMCP70	FXDMCQ28	FXDMCQ86	FXDMCR44	FXDMCS02
TOTAL CURRENCY SWAPS	FXDMCD27	FXDMCD85	FXDMCE43	FXDMCF01	FXDMCF59	FXDMCG17	FXDMCG75	FXDMCH33	FXDMCH91	FXDMCJ49	FXDMCK07	FXDMCK65	FXDMCL23	FXDMCL81	FXDMCM39	FXDMCM97	FXDMCN55	FXDMCP13	FXDMCP71	FXDMCQ29	FXDMCQ87	FXDMCR45	FXDMCS03
o/w prime brokered	FXDMCD28	FXDMCD86	FXDMCE44	FXDMCF02	FXDMCF60	FXDMCG18	FXDMCG76	FXDMCH34	FXDMCH92	FXDMCJ50	FXDMCK08	FXDMCK66	FXDMCL24	FXDMCL82	FXDMCM40	FXDMCM98	FXDMCN56	FXDMCP14	FXDMCP72	FXDMCQ30	FXDMCQ88	FXDMCR46	FXDMCS04
o/w retail-driven	FXDMCD29	FXDMCD87	FXDMCE45	FXDMCF03	FXDMCF61	FXDMCG19	FXDMCG77	FXDMCH35	FXDMCH93	FXDMCJ51	FXDMCK09	FXDMCK67	FXDMCL25	FXDMCL83	FXDMCM41	FXDMCM99	FXDMCN57	FXDMCP15	FXDMCP73	FXDMCQ31	FXDMCQ89	FXDMCR47	FXDMCS05
OTC OPTIONS (sum of bought and sold) [4]																							
with reporting dealers	FXDMJR17	FXDMJR18	FXDMJR19	FXDMJR20	FXDMJR21	FXDMJR22	FXDMJR23	FXDMJR24	FXDMJR25	FXDMJR26	FXDMJR27	FXDMJR28	FXDMJR29	FXDMJR30	FXDMJR31	FXDMJR32	FXDMJR33	FXDMJR34	FXDMJR35	FXDMJR36	FXDMJR37	FXDMJR38	FXDMJR39
local	FXDMJR40	FXDMJR41	FXDMJR42	FXDMJR43	FXDMJR44	FXDMJR45	FXDMJR46	FXDMJR47	FXDMJR48	FXDMJR49	FXDMJR50	FXDMJR51	FXDMJR52	FXDMJR53	FXDMJR54	FXDMJR55	FXDMJR56	FXDMJR57	FXDMJR58	FXDMJR59	FXDMJR60	FXDMJR61	FXDMJR62
cross-border	FXDMJR63	FXDMJR64	FXDMJR65	FXDMJR66	FXDMJR67	FXDMJR68	FXDMJR69	FXDMJR70	FXDMJR71	FXDMJR72	FXDMJR73	FXDMJR74	FXDMJR75	FXDMJR76	FXDMJR77	FXDMJR78	FXDMJR79	FXDMJR80	FXDMJR81	FXDMJR82	FXDMJR83	FXDMJR84	FXDMJR85
with other financial institutions	FXDMJR86	FXDMJR87	FXDMJR88	FXDMJR89	FXDMJR90	FXDMJR91	FXDMJR92	FXDMJR93	FXDMJR94	FXDMJR95	FXDMJR96	FXDMJR97	FXDMJR98	FXDMJR99	FXDMJS00	FXDMJS01	FXDMJS02	FXDMJS03	FXDMJS04	FXDMJS05	FXDMJS06	FXDMJS07	FXDMJS08
local	FXDMJS09	FXDMJS10	FXDMJS11	FXDMJS12	FXDMJS13	FXDMJS14	FXDMJS15	FXDMJS16	FXDMJS17	FXDMJS18	FXDMJS19	FXDMJS20	FXDMJS21	FXDMJS22	FXDMJS23	FXDMJS24	FXDMJS25	FXDMJS26	FXDMJS27	FXDMJS28	FXDMJS29	FXDMJS30	FXDMJS31
cross-border	FXDMJS32	FXDMJS33	FXDMJS34	FXDMJS35	FXDMJS36	FXDMJS37	FXDMJS38	FXDMJS39	FXDMJS40	FXDMJS41	FXDMJS42	FXDMJS43	FXDMJS44	FXDMJS45	FXDMJS46	FXDMJS47	FXDMJS48	FXDMJS49	FXDMJS50	FXDMJS51	FXDMJS52	FXDMJS53	FXDMJS54
non-reporting banks	FXDMJS55	FXDMJS56	FXDMJS57	FXDMJS58	FXDMJS59	FXDMJS60	FXDMJS61	FXDMJS62	FXDMJS63	FXDMJS64	FXDMJS65	FXDMJS66	FXDMJS67	FXDMJS68	FXDMJS69	FXDMJS70	FXDMJS71	FXDMJS72	FXDMJS73	FXDMJS74	FXDMJS75	FXDMJS76	FXDMJS77
institutional investors	FXDMJS78	FXDMJS79	FXDMJS80	FXDMJS81	FXDMJS82	FXDMJS83	FXDMJS84	FXDMJS85	FXDMJS86	FXDMJS87	FXDMJS88	FXDMJS89	FXDMJS90	FXDMJS91	FXDMJS92	FXDMJS93	FXDMJS94	FXDMJS95	FXDMJS96	FXDMJS97	FXDMJS98	FXDMJS99	FXDMJT00
hedge funds and proprietary trading firms	FXDMJT01	FXDMJT02	FXDMJT03	FXDMJT04	FXDMJT05	FXDMJT06	FXDMJT07	FXDMJT08	FXDMJT09	FXDMJT10	FXDMJT11	FXDMJT12	FXDMJT13	FXDMJT14	FXDMJT15	FXDMJT16	FXDMJT17	FXDMJT18	FXDMJT19	FXDMJT20	FXDMJT21	FXDMJT22	FXDMJT23
official sector financial institutions	FXDMJT24	FXDMJT25	FXDMJT26	FXDMJT27	FXDMJT28	FXDMJT29	FXDMJT30	FXDMJT31	FXDMJT32	FXDMJT33	FXDMJT34	FXDMJT35	FXDMJT36	FXDMJT37	FXDMJT38	FXDMJT39	FXDMJT40	FXDMJT41	FXDMJT42	FXDMJT43	FXDMJT44	FXDMJT45	FXDMJT46
others	FXDMJT47	FXDMJT48	FXDMJT49	FXDMJT50	FXDMJT51	FXDMJT52	FXDMJT53	FXDMJT54	FXDMJT55	FXDMJT56	FXDMJT57	FXDMJT58	FXDMJT59	FXDMJT60	FXDMJT61	FXDMJT62	FXDMJT63	FXDMJT64	FXDMJT65	FXDMJT66	FXDMJT67	FXDMJT68	FXDMJT69
undistributed	FXDMJT70	FXDMJT71	FXDMJT72	FXDMJT73	FXDMJT74	FXDMJT75	FXDMJT76	FXDMJT77	FXDMJT78	FXDMJT79	FXDMJT80	FXDMJT81	FXDMJT82	FXDMJT83	FXDMJT84	FXDMJT85	FXDMJT86	FXDMJT87	FXDMJT88	FXDMJT89	FXDMJT90	FXDMJT91	FXDMJT92
with non-financial customers	FXDMJT93	FXDMJT94	FXDMJT95	FXDMJT96	FXDMJT97	FXDMJT98	FXDMJT99	FXDMJU00	FXDMJU01	FXDMJU02	FXDMJU03	FXDMJU04	FXDMJU05	FXDMJU06	FXDMJU07	FXDMJU08	FXDMJU09	FXDMJU10	FXDMJU11	FXDMJU12	FXDMJU13	FXDMJU14	FXDMJU15
local	FXDMJU16	FXDMJU17	FXDMJU18	FXDMJU19	FXDMJU20	FXDMJU21	FXDMJU22	FXDMJU23	FXDMJU24	FXDMJU25	FXDMJU26	FXDMJU27	FXDMJU28	FXDMJU29	FXDMJU30	FXDMJU31	FXDMJU32	FXDMJU33	FXDMJU34	FXDMJU35	FXDMJU36	FXDMJU37	FXDMJU38
cross-border	FXDMJU39	FXDMJU40	FXDMJU41	FXDMJU42	FXDMJU43	FXDMJU44	FXDMJU45	FXDMJU46	FXDMJU47	FXDMJU48	FXDMJU49	FXDMJU50	FXDMJU51	FXDMJU52	FXDMJU53	FXDMJU54	FXDMJU55	FXDMJU56	FXDMJU57	FXDMJU58	FXDMJU59	FXDMJU60	FXDMJU61
TOTAL OTC OPTIONS	FXDMCD66	FXDMCE24	FXDMCE82	FXDMCF40	FXDMCF98	FXDMCG56	FXDMCH14	FXDMCH72	FXDMCJ30	FXDMCJ88	FXDMCK46	FXDMCL04	FXDMCL62	FXDMCM20	FXDMCM78	FXDMCN36	FXDMCN94	FXDMCP52	FXDMCQ10	FXDMCQ68	FXDMCR26	FXDMCR84	FXDMCS42
o/w prime brokered	FXDMJU62	FXDMJU63	FXDMJU64	FXDMJU65	FXDMJU66	FXDMJU67	FXDMJU68	FXDMJU69	FXDMJU70	FXDMJU71	FXDMJU72	FXDMJU73	FXDMJU74	FXDMJU75	FXDMJU76	FXDMJU77	FXDMJU78	FXDMJU79	FXDMJU80	FXDMJU81	FXDMJU82	FXDMJU83	FXDMJU84
o/w retail-driven	FXDMJU85	FXDMJU86	FXDMJU87	FXDMJU88	FXDMJU89	FXDMJU90	FXDMJU91	FXDMJU92	FXDMJU93	FXDMJU94	FXDMJU95	FXDMJU96	FXDMJU97	FXDMJU98	FXDMJU99	FXDMJV00	FXDMJV01	FXDMJV02	FXDMJV03	FXDMJV04	FXDMJV05	FXDMJV06	FXDMJV07
TOTAL FX CONTRACTS	FXDMCD67	FXDMCE25	FXDMCE83	FXDMCF41	FXDMCF99	FXDMCG57	FXDMCH15	FXDMCH73	FXDMCJ31	FXDMCJ89	FXDMCK47	FXDMCL05	FXDMCL63	FXDMCM21	FXDMCM79	FXDMCN37	FXDMCN95	FXDMCP53	FXDMCQ11	FXDMCQ69	FXDMCR27	FXDMCR85	FXDMCS43
o/w prime brokered	FXDMCD68	FXDMCE26	FXDMCE84	FXDMCF42	FXDMCG00	FXDMCG58	FXDMCH16	FXDMCH74	FXDMCJ32	FXDMCJ90	FXDMCK48	FXDMCL06	FXDMCL64	FXDMCM22	FXDMCM80	FXDMCN38	FXDMCN96	FXDMCP54	FXDMCQ12	FXDMCQ70	FXDMCR28	FXDMCR86	FXDMCS44
o/w retail-driven	FXDMCD69	FXDMCE27	FXDMCE85	FXDMCF43	FXDMCG01	FXDMCG59	FXDMCH17	FXDMCH75	FXDMCJ33	FXDMCJ91	FXDMCK49	FXDMCL07	FXDMCL65	FXDMCM23	FXDMCM81	FXDMCN39	FXDMCN97	FXDMCP55	FXDMCQ13	FXDMCQ71	FXDMCR29	FXDMCR87	FXDMCS45

[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 A6 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

Central Bank Survey of Foreign Exchange and Derivatives Market Activity
FOREIGN EXCHANGE CONTRACTS [1]
Turnover in nominal or notional principal amounts in April 2019
(in millions of USD)

Instruments	EUR against														JPY against								RESIDUAL [3]	GRAND TOTAL [4]
	AUD	CAD	CHF	CNY	DKK	GBP	HUF	JPY	NOK	PLN	SEK	TRY	Other [2]	TOT	AUD	BRL	CAD	NZD	TRY	ZAR	Other [2]	TOT		
CURRENCY SWAPS [5]																								
with reporting dealers	FXDMCS46	FXDMCT04	FXDMCT62	FXDMCU13	FXDMCU78	FXDMCV36	FXDMCV94	FXDMCW52	FXDMCX10	FXDMCX68	FXDMCY26	FXDMCY84	FXDMCZ42	FXDMDA00	FXDMDA58	FXDMDB16	FXDMDB74	FXDMDC32	FXDMDC90	FXDMDD48	FXDMDE06	FXDMDE64	FXDMDF22	FXDMDF80
local	FXDMCS47	FXDMCT05	FXDMCT63	FXDMCU14	FXDMCU79	FXDMCV37	FXDMCV95	FXDMCW53	FXDMCX11	FXDMCX69	FXDMCY27	FXDMCY85	FXDMCZ43	FXDMDA01	FXDMDA59	FXDMDB17	FXDMDB75	FXDMDC33	FXDMDC91	FXDMDD49	FXDMDE07	FXDMDE65	FXDMDF23	FXDMDF81
cross-border	FXDMCS48	FXDMCT06	FXDMCT64	FXDMCU15	FXDMCU80	FXDMCV38	FXDMCV96	FXDMCW54	FXDMCX12	FXDMCX70	FXDMCY28	FXDMCY86	FXDMCZ44	FXDMDA02	FXDMDA60	FXDMDB18	FXDMDB76	FXDMDC34	FXDMDC92	FXDMDD50	FXDMDE08	FXDMDE66	FXDMDF24	FXDMDF82
with other financial institutions	FXDMCS49	FXDMCT07	FXDMCT65	FXDMCU16	FXDMCU81	FXDMCV39	FXDMCV97	FXDMCW55	FXDMCX13	FXDMCX71	FXDMCY29	FXDMCY87	FXDMCZ45	FXDMDA03	FXDMDA61	FXDMDB19	FXDMDB77	FXDMDC35	FXDMDC93	FXDMDD51	FXDMDE09	FXDMDE67	FXDMDF25	FXDMDF83
local	FXDMCS50	FXDMCT08	FXDMCT66	FXDMCU17	FXDMCU82	FXDMCV40	FXDMCV98	FXDMCW56	FXDMCX14	FXDMCX72	FXDMCY30	FXDMCY88	FXDMCZ46	FXDMDA04	FXDMDA62	FXDMDB20	FXDMDB78	FXDMDC36	FXDMDC94	FXDMDD52	FXDMDE10	FXDMDE68	FXDMDF26	FXDMDF84
cross-border	FXDMCS51	FXDMCT09	FXDMCT67	FXDMCU18	FXDMCU83	FXDMCV41	FXDMCV99	FXDMCW57	FXDMCX15	FXDMCX73	FXDMCY31	FXDMCY89	FXDMCZ47	FXDMDA05	FXDMDA63	FXDMDB21	FXDMDB79	FXDMDC37	FXDMDC95	FXDMDD53	FXDMDE11	FXDMDE69	FXDMDF27	FXDMDF85
non-reporting banks	FXDMCS52	FXDMCT10	FXDMCT68	FXDMCU19	FXDMCU84	FXDMCV42	FXDMCW00	FXDMCW58	FXDMCX16	FXDMCX74	FXDMCY32	FXDMCY90	FXDMCZ48	FXDMDA06	FXDMDA64	FXDMDB22	FXDMDB80	FXDMDC38	FXDMDC96	FXDMDD54	FXDMDE12	FXDMDE70	FXDMDF28	FXDMDF86
institutional investors	FXDMCS53	FXDMCT11	FXDMCT69	FXDMCU20	FXDMCU85	FXDMCV43	FXDMCW01	FXDMCW59	FXDMCX17	FXDMCX75	FXDMCY33	FXDMCY91	FXDMCZ49	FXDMDA07	FXDMDA65	FXDMDB23	FXDMDB81	FXDMDC39	FXDMDC97	FXDMDD55	FXDMDE13	FXDMDE71	FXDMDF29	FXDMDF87
hedge funds and proprietary trading firms	FXDMCS54	FXDMCT12	FXDMCT70	FXDMCU21	FXDMCU86	FXDMCV44	FXDMCW02	FXDMCW60	FXDMCX18	FXDMCX76	FXDMCY34	FXDMCY92	FXDMCZ50	FXDMDA08	FXDMDA66	FXDMDB24	FXDMDB82	FXDMDC40	FXDMDC98	FXDMDD56	FXDMDE14	FXDMDE72	FXDMDF30	FXDMDF88
official sector financial institutions	FXDMCS55	FXDMCT13	FXDMCT71	FXDMCU22	FXDMCU87	FXDMCV45	FXDMCW03	FXDMCW61	FXDMCX19	FXDMCX77	FXDMCY35	FXDMCY93	FXDMCZ51	FXDMDA09	FXDMDA67	FXDMDB25	FXDMDB83	FXDMDC41	FXDMDC99	FXDMDD57	FXDMDE15	FXDMDE73	FXDMDF31	FXDMDF89
others	FXDMCS56	FXDMCT14	FXDMCT72	FXDMCU23	FXDMCU88	FXDMCV46	FXDMCW04	FXDMCW62	FXDMCX20	FXDMCX78	FXDMCY36	FXDMCY94	FXDMCZ52	FXDMDA10	FXDMDA68	FXDMDB26	FXDMDB84	FXDMDC42	FXDMDD00	FXDMDD58	FXDMDE16	FXDMDE74	FXDMDF32	FXDMDF90
undistributed	FXDMCS57	FXDMCT15	FXDMCT73	FXDMCU24	FXDMCU89	FXDMCV47	FXDMCW05	FXDMCW63	FXDMCX21	FXDMCX79	FXDMCY37	FXDMCY95	FXDMCZ53	FXDMDA11	FXDMDA69	FXDMDB27	FXDMDB85	FXDMDC43	FXDMDD01	FXDMDD59	FXDMDE17	FXDMDE75	FXDMDF33	FXDMDF91
with non-financial customers	FXDMCS58	FXDMCT16	FXDMCT74	FXDMCU25	FXDMCU90	FXDMCV48	FXDMCW06	FXDMCW64	FXDMCX22	FXDMCX80	FXDMCY38	FXDMCY96	FXDMCZ54	FXDMDA12	FXDMDA70	FXDMDB28	FXDMDB86	FXDMDC44	FXDMDD02	FXDMDD60	FXDMDE18	FXDMDE76	FXDMDF34	FXDMDF92
local	FXDMCS59	FXDMCT17	FXDMCT75	FXDMCU26	FXDMCU91	FXDMCV49	FXDMCW07	FXDMCW65	FXDMCX23	FXDMCX81	FXDMCY39	FXDMCY97	FXDMCZ55	FXDMDA13	FXDMDA71	FXDMDB29	FXDMDB87	FXDMDC45	FXDMDD03	FXDMDD61	FXDMDE19	FXDMDE77	FXDMDF35	FXDMDF93
cross-border	FXDMCS60	FXDMCT18	FXDMCT76	FXDMCU27	FXDMCU92	FXDMCV50	FXDMCW08	FXDMCW66	FXDMCX24	FXDMCX82	FXDMCY40	FXDMCY98	FXDMCZ56	FXDMDA14	FXDMDA72	FXDMDB30	FXDMDB88	FXDMDC46	FXDMDD04	FXDMDD62	FXDMDE20	FXDMDE78	FXDMDF36	FXDMDF94
TOTAL CURRENCY SWAPS	FXDMCS61	FXDMCT19	FXDMCT77	FXDMCU28	FXDMCU93	FXDMCV51	FXDMCW09	FXDMCW67	FXDMCX25	FXDMCX83	FXDMCY41	FXDMCY99	FXDMCZ57	FXDMDA15	FXDMDA73	FXDMDB31	FXDMDB89	FXDMDC47	FXDMDD05	FXDMDD63	FXDMDE21	FXDMDE79	FXDMDF37	FXDMDF95
o/w prime brokered	FXDMCS62	FXDMCT20	FXDMCT78	FXDMCU29	FXDMCU94	FXDMCV52	FXDMCW10	FXDMCW68	FXDMCX26	FXDMCX84	FXDMCY42	FXDMCZ00	FXDMCZ58	FXDMDA16	FXDMDA74	FXDMDB32	FXDMDB90	FXDMDC48	FXDMDD06	FXDMDD64	FXDMDE22	FXDMDE80	FXDMDF38	FXDMDF96
o/w retail-driven	FXDMCS63	FXDMCT21	FXDMCT79	FXDMCU30	FXDMCU95	FXDMCV53	FXDMCW11	FXDMCW69	FXDMCX27	FXDMCX85	FXDMCY43	FXDMCZ01	FXDMCZ59	FXDMDA17	FXDMDA75	FXDMDB33	FXDMDB91	FXDMDC49	FXDMDD07	FXDMDD65	FXDMDE23	FXDMDE81	FXDMDF39	FXDMDF97
OTC OPTIONS (sum of bought and sold) [6]																								
with reporting dealers	FXDMJV08	FXDMJV23	FXDMJV38	FXDMJV53	FXDMJV68	FXDMJV83	FXDMJV98	FXDMJW13	FXDMJW28	FXDMJW43	FXDMJW58	FXDMJW73	FXDMJW88	FXDMJX03	FXDMJX18	FXDMJX33	FXDMJX48	FXDMJX63	FXDMJX78	FXDMJX93	FXDMJY08	FXDMJY23	FXDMJY38	FXDMJY53
local	FXDMJV09	FXDMJV24	FXDMJV39	FXDMJV54	FXDMJV69	FXDMJV84	FXDMJV99	FXDMJW14	FXDMJW29	FXDMJW44	FXDMJW59	FXDMJW74	FXDMJW89	FXDMJX04	FXDMJX19	FXDMJX34	FXDMJX49	FXDMJX64	FXDMJX79	FXDMJX94	FXDMJY09	FXDMJY24	FXDMJY39	FXDMJY54
cross-border	FXDMJV10	FXDMJV25	FXDMJV40	FXDMJV55	FXDMJV70	FXDMJV85	FXDMJW00	FXDMJW15	FXDMJW30	FXDMJW45	FXDMJW60	FXDMJW75	FXDMJW90	FXDMJX05	FXDMJX20	FXDMJX35	FXDMJX50	FXDMJX65	FXDMJX80	FXDMJX95	FXDMJY10	FXDMJY25	FXDMJY40	FXDMJY55
with other financial institutions	FXDMJV11	FXDMJV26	FXDMJV41	FXDMJV56	FXDMJV71	FXDMJV86	FXDMJW01	FXDMJW16	FXDMJW31	FXDMJW46	FXDMJW61	FXDMJW76	FXDMJW91	FXDMJX06	FXDMJX21	FXDMJX36	FXDMJX51	FXDMJX66	FXDMJX81	FXDMJX96	FXDMJY11	FXDMJY26	FXDMJY41	FXDMJY56
local	FXDMJV12	FXDMJV27	FXDMJV42	FXDMJV57	FXDMJV72	FXDMJV87	FXDMJW02	FXDMJW17	FXDMJW32	FXDMJW47	FXDMJW62	FXDMJW77	FXDMJW92	FXDMJX07	FXDMJX22	FXDMJX37	FXDMJX52	FXDMJX67	FXDMJX82	FXDMJX97	FXDMJY12	FXDMJY27	FXDMJY42	FXDMJY57
cross-border	FXDMJV13	FXDMJV28	FXDMJV43	FXDMJV58	FXDMJV73	FXDMJV88	FXDMJW03	FXDMJW18	FXDMJW33	FXDMJW48	FXDMJW63	FXDMJW78	FXDMJW93	FXDMJX08	FXDMJX23	FXDMJX38	FXDMJX53	FXDMJX68	FXDMJX83	FXDMJX98	FXDMJY13	FXDMJY28	FXDMJY43	FXDMJY58
non-reporting banks	FXDMJV14	FXDMJV29	FXDMJV44	FXDMJV59	FXDMJV74	FXDMJV89	FXDMJW04	FXDMJW19	FXDMJW34	FXDMJW49	FXDMJW64	FXDMJW79	FXDMJW94	FXDMJX09	FXDMJX24	FXDMJX39	FXDMJX54	FXDMJX69	FXDMJX84	FXDMJX99	FXDMJY14	FXDMJY29	FXDMJY44	FXDMJY59
institutional investors	FXDMJV15	FXDMJV30	FXDMJV45	FXDMJV60	FXDMJV75	FXDMJV90	FXDMJW05	FXDMJW20	FXDMJW35	FXDMJW50	FXDMJW65	FXDMJW80	FXDMJW95	FXDMJX10	FXDMJX25	FXDMJX40	FXDMJX55	FXDMJX70	FXDMJX85	FXDMJY00	FXDMJY15	FXDMJY30	FXDMJY45	FXDMJY60
hedge funds and proprietary trading firms	FXDMJV16	FXDMJV31	FXDMJV46	FXDMJV61	FXDMJV76	FXDMJV91	FXDMJW06	FXDMJW21	FXDMJW36	FXDMJW51	FXDMJW66	FXDMJW81	FXDMJW96	FXDMJX11	FXDMJX26	FXDMJX41	FXDMJX56	FXDMJX71	FXDMJX86	FXDMJY01	FXDMJY16	FXDMJY31	FXDMJY46	FXDMJY61
official sector financial institutions	FXDMJV17	FXDMJV32	FXDMJV47	FXDMJV62	FXDMJV77	FXDMJV92	FXDMJW07	FXDMJW22	FXDMJW37	FXDMJW52	FXDMJW67	FXDMJW82	FXDMJW97	FXDMJX12	FXDMJX27	FXDMJX42	FXDMJX57	FXDMJX72	FXDMJX87	FXDMJY02	FXDMJY17	FXDMJY32	FXDMJY47	FXDMJY62
others	FXDMJV18	FXDMJV33	FXDMJV48	FXDMJV63	FXDMJV78	FXDMJV93	FXDMJW08	FXDMJW23	FXDMJW38	FXDMJW53	FXDMJW68	FXDMJW83	FXDMJW98	FXDMJX13	FXDMJX28	FXDMJX43	FXDMJX58	FXDMJX73	FXDMJX88	FXDMJY03	FXDMJY18	FXDMJY33	FXDMJY48	FXDMJY63
undistributed	FXDMJV19	FXDMJV34	FXDMJV49	FXDMJV64	FXDMJV79	FXDMJV94	FXDMJW09	FXDMJW24	FXDMJW39	FXDMJW54	FXDMJW69	FXDMJW84	FXDMJW99	FXDMJX14	FXDMJX29	FXDMJX44	FXDMJX59	FXDMJX74	FXDMJX89	FXDMJY04	FXDMJY19	FXDMJY34	FXDMJY49	FXDMJY64
with non-financial customers	FXDMJV20	FXDMJV35	FXDMJV50	FXDMJV65	FXDMJV80	FXDMJV95	FXDMJW10	FXDMJW25	FXDMJW40	FXDMJW55	FXDMJW70	FXDMJW85	FXDMJX00	FXDMJX15	FXDMJX30	FXDMJX45	FXDMJX60	FXDMJX75	FXDMJX90	FXDMJY05	FXDMJY20	FXDMJY35	FXDMJY50	FXDMJY65
local	FXDMJV21	FXDMJV36	FXDMJV51	FXDMJV66	FXDMJV81	FXDMJV96	FXDMJW11	FXDMJW26	FXDMJW41	FXDMJW56	FXDMJW71	FXDMJW86	FXDMJX01	FXDMJX16	FXDMJX31	FXDMJX46	FXDMJX61	FXDMJX76	FXDMJX91	FXDMJY06	FXDMJY21	FXDMJY36	FXDMJY51	FXDMJY66
cross-border	FXDMJV22	FXDMJV37	FXDMJV52	FXDMJV67	FXDMJV82	FXDMJV97	FXDMJW12	FXDMJW27	FXDMJW42	FXDMJW57	FXDMJW72	FXDMJW87	FXDMJX02	FXDMJX17	FXDMJX32	FXDMJX47	FXDMJX62	FXDMJX77	FXDMJX92	FXDMJY07	FXDMJY22	FXDMJY37	FXDMJY52	FXDMJY67
TOTAL OTC OPTIONS	FXDMCT00	FXDMCT58	FXDMCU75	FXDMCU67	FXDMCV32	FXDMCV90	FXDMCW48	FXDMCX06	FXDMCX64	FXDMCY22	FXDMCY80	FXDMCZ38	FXDMCZ96	FXDMDA54	FXDMDB12	FXDMDB70	FXDMDC28	FXDMDC86	FXDMDD44	FXDMDE02	FXDMDE60	FXDMDF18	FXDMDF76	FXDMDG34
o/w prime brokered	FXDMJY68	FXDMJY69	FXDMJY70	FXDMJY71	FXDMJY72	FXDMJY73	FXDMJY74	FXDMJY75	FXDMJY76	FXDMJY77	FXDMJY78	FXDMJY79	FXDMJY80	FXDMJY81	FXDMJY82	FXDMJY83	FXDMJY84	FXDMJY85	FXDMJY86	FXDMJY87	FXDMJY88	FXDMJY89	FXDMJY90	FXDMJY91
o/w retail-driven	FXDMJY92	FXDMJY93	FXDMJY94	FXDMJY95	FXDMJY96	FXDMJY97	FXDMJY98	FXDMJY99	FXDMJZ00	FXDMJZ01	FXDMJZ02	FXDMJZ03	FXDMJZ04	FXDMJZ05	FXDMJZ06	FXDMJZ07	FXDMJZ08	FXDMJZ09	FXDMJZ10	FXDMJZ11	FXDMJZ12	FXDMJZ13	FXDMJZ14	FXDMJZ15
Other products [7]																								FXDMCU71
TOTAL FX CONTRACTS	FXDMCT01	FXDMCT59	FXDMCU76	FXDMCU68	FXDMCV33	FXDMCV91	FXDMCW49	FXDMCX07	FXDMCX65	FXDMCY23	FXDMCY81	FXDMCZ39	FXDMCZ97	FXDMDA55	FXDMDB13	FXDMDB71	FXDMDC29	FXDMDC87	FXDMDD45	FXDMDE03	FXDMDE61	FXDMDF19	FXDMDF77	FXDMDG35
o/w prime brokered	FXDMCT02	FXDMCT60	FXDMCU77	FXDMCU69	FXDMCV34	FXDMCV92	FXDMCW50	FXDMCX08	FXDMCX66	FXDMCY24	FXDMCY82	FXDMCZ40	FXDMCZ98	FXDMDA56	FXDMDB14	FXDMDB72	FXDMDC30	FXDMDC88	FXDMDD46	FXDMDE04	FXDMDE62	FXDMDF20	FXDMDF78	FXDMDG36
o/w retail-driven	FXDMCT03	FXDMCT61	FXDMEE63	FXDMCU70	FXDMCV35	FXDMCV93	FXDMCW51	FXDMCX09	FXDMCX67	FXDMCY25	FXDMCY83	FXDMCZ41	FXDMCZ99	FXDMDA57	FXDMDB15	FXDMDB73	FXDMDC31	FXDMDC89	FXDMDD47	FXDMDE05	FXDMDE63	FXDMDF21	FXDMDF79	FXDMDG37
o/w related party trades [8]																								FXDMDG38

[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 A6 for a more detailed breakdown of total turnover in "other" currencies. [3] "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

Central Bank Survey of Foreign Exchange and Derivatives Market Activity
FOREIGN EXCHANGE CONTRACTS [1]
Turnover in nominal or notional principal amounts in April 2019
(in millions of USD)

Total turnover in listed currencies against all other currencies [2]

Instruments	ARS	AUD	BGN	BHD	BRL	CAD	CHF	CLP	CNY	COP	CZK	DKK	GBP	HKD	HUF	IDR	ILS
CURRENCY SWAPS [3]																	
with reporting dealers	FXDMDG39	FXDMDG97	FXDMDH55	FXDMDJ13	FXDMDJ71	FXDMDK29	FXDMDK87	FXDMDL45	FXDMDM03	FXDMDM61	FXDMDN19	FXDMDN77	FXDMDP35	FXDMDP93	FXDMDQ51	FXDMDR09	FXDMDR67
local	FXDMDG40	FXDMDG98	FXDMDH56	FXDMDJ14	FXDMDJ72	FXDMDK30	FXDMDK88	FXDMDL46	FXDMDM04	FXDMDM62	FXDMDN20	FXDMDN78	FXDMDP36	FXDMDP94	FXDMDQ52	FXDMDR10	FXDMDR68
cross-border	FXDMDG41	FXDMDG99	FXDMDH57	FXDMDJ15	FXDMDJ73	FXDMDK31	FXDMDK89	FXDMDL47	FXDMDM05	FXDMDM63	FXDMDN21	FXDMDN79	FXDMDP37	FXDMDP95	FXDMDQ53	FXDMDR11	FXDMDR69
with other financial institutions	FXDMDG42	FXDMDH00	FXDMDH58	FXDMDJ16	FXDMDJ74	FXDMDK32	FXDMDK90	FXDMDL48	FXDMDM06	FXDMDM64	FXDMDN22	FXDMDN80	FXDMDP38	FXDMDP96	FXDMDQ54	FXDMDR12	FXDMDR70
local	FXDMDG43	FXDMDH01	FXDMDH59	FXDMDJ17	FXDMDJ75	FXDMDK33	FXDMDK91	FXDMDL49	FXDMDM07	FXDMDM65	FXDMDN23	FXDMDN81	FXDMDP39	FXDMDP97	FXDMDQ55	FXDMDR13	FXDMDR71
cross-border	FXDMDG44	FXDMDH02	FXDMDH60	FXDMDJ18	FXDMDJ76	FXDMDK34	FXDMDK92	FXDMDL50	FXDMDM08	FXDMDM66	FXDMDN24	FXDMDN82	FXDMDP40	FXDMDP98	FXDMDQ56	FXDMDR14	FXDMDR72
non-reporting banks	FXDMDG45	FXDMDH03	FXDMDH61	FXDMDJ19	FXDMDJ77	FXDMDK35	FXDMDK93	FXDMDL51	FXDMDM09	FXDMDM67	FXDMDN25	FXDMDN83	FXDMDP41	FXDMDP99	FXDMDQ57	FXDMDR15	FXDMDR73
institutional investors	FXDMDG46	FXDMDH04	FXDMDH62	FXDMDJ20	FXDMDJ78	FXDMDK36	FXDMDK94	FXDMDL52	FXDMDM10	FXDMDM68	FXDMDN26	FXDMDN84	FXDMDP42	FXDMDQ00	FXDMDQ58	FXDMDR16	FXDMDR74
hedge funds and proprietary trading firms	FXDMDG47	FXDMDH05	FXDMDH63	FXDMDJ21	FXDMDJ79	FXDMDK37	FXDMDK95	FXDMDL53	FXDMDM11	FXDMDM69	FXDMDN27	FXDMDN85	FXDMDP43	FXDMDQ01	FXDMDQ59	FXDMDR17	FXDMDR75
official sector financial institutions	FXDMDG48	FXDMDH06	FXDMDH64	FXDMDJ22	FXDMDJ80	FXDMDK38	FXDMDK96	FXDMDL54	FXDMDM12	FXDMDM70	FXDMDN28	FXDMDN86	FXDMDP44	FXDMDQ02	FXDMDQ60	FXDMDR18	FXDMDR76
others	FXDMDG49	FXDMDH07	FXDMDH65	FXDMDJ23	FXDMDJ81	FXDMDK39	FXDMDK97	FXDMDL55	FXDMDM13	FXDMDM71	FXDMDN29	FXDMDN87	FXDMDP45	FXDMDQ03	FXDMDQ61	FXDMDR19	FXDMDR77
undistributed	FXDMDG50	FXDMDH08	FXDMDH66	FXDMDJ24	FXDMDJ82	FXDMDK40	FXDMDK98	FXDMDL56	FXDMDM14	FXDMDM72	FXDMDN30	FXDMDN88	FXDMDP46	FXDMDQ04	FXDMDQ62	FXDMDR20	FXDMDR78
with non-financial customers	FXDMDG51	FXDMDH09	FXDMDH67	FXDMDJ25	FXDMDJ83	FXDMDK41	FXDMDK99	FXDMDL57	FXDMDM15	FXDMDM73	FXDMDN31	FXDMDN89	FXDMDP47	FXDMDQ05	FXDMDQ63	FXDMDR21	FXDMDR79
local	FXDMDG52	FXDMDH10	FXDMDH68	FXDMDJ26	FXDMDJ84	FXDMDK42	FXDMDL00	FXDMDL58	FXDMDM16	FXDMDM74	FXDMDN32	FXDMDN90	FXDMDP48	FXDMDQ06	FXDMDQ64	FXDMDR22	FXDMDR80
cross-border	FXDMDG53	FXDMDH11	FXDMDH69	FXDMDJ27	FXDMDJ85	FXDMDK43	FXDMDL01	FXDMDL59	FXDMDM17	FXDMDM75	FXDMDN33	FXDMDN91	FXDMDP49	FXDMDQ07	FXDMDQ65	FXDMDR23	FXDMDR81
TOTAL CURRENCY SWAPS	FXDMDG54	FXDMDH12	FXDMDH70	FXDMDJ28	FXDMDJ86	FXDMDK44	FXDMDL02	FXDMDL60	FXDMDM18	FXDMDM76	FXDMDN34	FXDMDN92	FXDMDP50	FXDMDQ08	FXDMDQ66	FXDMDR24	FXDMDR82
o/w prime brokered	FXDMDG55	FXDMDH13	FXDMDH71	FXDMDJ29	FXDMDJ87	FXDMDK45	FXDMDL03	FXDMDL61	FXDMDM19	FXDMDM77	FXDMDN35	FXDMDN93	FXDMDP51	FXDMDQ09	FXDMDQ67	FXDMDR25	FXDMDR83
o/w retail-driven	FXDMDG56	FXDMDH14	FXDMDH72	FXDMDJ30	FXDMDJ88	FXDMDK46	FXDMDL04	FXDMDL62	FXDMDM20	FXDMDM78	FXDMDN36	FXDMDN94	FXDMDP52	FXDMDQ10	FXDMDQ68	FXDMDR26	FXDMDR84
OTC OPTIONS (sum of bought and sold) [4]																	
with reporting dealers	FXDMJZ16	FXDMJZ31	FXDMJZ46	FXDMJZ61	FXDMJZ76	FXDMJZ91	FXDMKA06	FXDMKA21	FXDMKA36	FXDMKA51	FXDMKA66	FXDMKA81	FXDMKA96	FXDMKB11	FXDMKB26	FXDMKB41	FXDMKB56
local	FXDMJZ17	FXDMJZ32	FXDMJZ47	FXDMJZ62	FXDMJZ77	FXDMJZ92	FXDMKA07	FXDMKA22	FXDMKA37	FXDMKA52	FXDMKA67	FXDMKA82	FXDMKA97	FXDMKB12	FXDMKB27	FXDMKB42	FXDMKB57
cross-border	FXDMJZ18	FXDMJZ33	FXDMJZ48	FXDMJZ63	FXDMJZ78	FXDMJZ93	FXDMKA08	FXDMKA23	FXDMKA38	FXDMKA53	FXDMKA68	FXDMKA83	FXDMKA98	FXDMKB13	FXDMKB28	FXDMKB43	FXDMKB58
with other financial institutions	FXDMJZ19	FXDMJZ34	FXDMJZ49	FXDMJZ64	FXDMJZ79	FXDMJZ94	FXDMKA09	FXDMKA24	FXDMKA39	FXDMKA54	FXDMKA69	FXDMKA84	FXDMKA99	FXDMKB14	FXDMKB29	FXDMKB44	FXDMKB59
local	FXDMJZ20	FXDMJZ35	FXDMJZ50	FXDMJZ65	FXDMJZ80	FXDMJZ95	FXDMKA10	FXDMKA25	FXDMKA40	FXDMKA55	FXDMKA70	FXDMKA85	FXDMKB00	FXDMKB15	FXDMKB30	FXDMKB45	FXDMKB60
cross-border	FXDMJZ21	FXDMJZ36	FXDMJZ51	FXDMJZ66	FXDMJZ81	FXDMJZ96	FXDMKA11	FXDMKA26	FXDMKA41	FXDMKA56	FXDMKA71	FXDMKA86	FXDMKB01	FXDMKB16	FXDMKB31	FXDMKB46	FXDMKB61
non-reporting banks	FXDMJZ22	FXDMJZ37	FXDMJZ52	FXDMJZ67	FXDMJZ82	FXDMJZ97	FXDMKA12	FXDMKA27	FXDMKA42	FXDMKA57	FXDMKA72	FXDMKA87	FXDMKB02	FXDMKB17	FXDMKB32	FXDMKB47	FXDMKB62
institutional investors	FXDMJZ23	FXDMJZ38	FXDMJZ53	FXDMJZ68	FXDMJZ83	FXDMJZ98	FXDMKA13	FXDMKA28	FXDMKA43	FXDMKA58	FXDMKA73	FXDMKA88	FXDMKB03	FXDMKB18	FXDMKB33	FXDMKB48	FXDMKB63
hedge funds and proprietary trading firms	FXDMJZ24	FXDMJZ39	FXDMJZ54	FXDMJZ69	FXDMJZ84	FXDMJZ99	FXDMKA14	FXDMKA29	FXDMKA44	FXDMKA59	FXDMKA74	FXDMKA89	FXDMKB04	FXDMKB19	FXDMKB34	FXDMKB49	FXDMKB64
official sector financial institutions	FXDMJZ25	FXDMJZ40	FXDMJZ55	FXDMJZ70	FXDMJZ85	FXDMKA00	FXDMKA15	FXDMKA30	FXDMKA45	FXDMKA60	FXDMKA75	FXDMKA90	FXDMKB05	FXDMKB20	FXDMKB35	FXDMKB50	FXDMKB65
others	FXDMJZ26	FXDMJZ41	FXDMJZ56	FXDMJZ71	FXDMJZ86	FXDMKA01	FXDMKA16	FXDMKA31	FXDMKA46	FXDMKA61	FXDMKA76	FXDMKA91	FXDMKB06	FXDMKB21	FXDMKB36	FXDMKB51	FXDMKB66
undistributed	FXDMJZ27	FXDMJZ42	FXDMJZ57	FXDMJZ72	FXDMJZ87	FXDMKA02	FXDMKA17	FXDMKA32	FXDMKA47	FXDMKA62	FXDMKA77	FXDMKA92	FXDMKB07	FXDMKB22	FXDMKB37	FXDMKB52	FXDMKB67
with non-financial customers	FXDMJZ28	FXDMJZ43	FXDMJZ58	FXDMJZ73	FXDMJZ88	FXDMKA03	FXDMKA18	FXDMKA33	FXDMKA48	FXDMKA63	FXDMKA78	FXDMKA93	FXDMKB08	FXDMKB23	FXDMKB38	FXDMKB53	FXDMKB68
local	FXDMJZ29	FXDMJZ44	FXDMJZ59	FXDMJZ74	FXDMJZ89	FXDMKA04	FXDMKA19	FXDMKA34	FXDMKA49	FXDMKA64	FXDMKA79	FXDMKA94	FXDMKB09	FXDMKB24	FXDMKB39	FXDMKB54	FXDMKB69
cross-border	FXDMJZ30	FXDMJZ45	FXDMJZ60	FXDMJZ75	FXDMJZ90	FXDMKA05	FXDMKA20	FXDMKA35	FXDMKA50	FXDMKA65	FXDMKA80	FXDMKA95	FXDMKB10	FXDMKB25	FXDMKB40	FXDMKB55	FXDMKB70
TOTAL OTC OPTIONS	FXDMDG93	FXDMDH51	FXDMDJ09	FXDMDJ67	FXDMDK25	FXDMDK83	FXDMDL41	FXDMDL99	FXDMDM57	FXDMDN15	FXDMDN73	FXDMDP31	FXDMDP89	FXDMDQ47	FXDMDR05	FXDMDR63	FXDMDS21
o/w prime brokered	FXDMKE86	FXDMKE87	FXDMKE88	FXDMKE89	FXDMKE90	FXDMKE91	FXDMKE92	FXDMKE93	FXDMKE94	FXDMKE95	FXDMKE96	FXDMKE97	FXDMKE98	FXDMKE99	FXDMKF00	FXDMKF01	FXDMKF02
o/w retail-driven	FXDMKF24	FXDMKF25	FXDMKF26	FXDMKF27	FXDMKF28	FXDMKF29	FXDMKF30	FXDMKF31	FXDMKF32	FXDMKF33	FXDMKF34	FXDMKF35	FXDMKF36	FXDMKF37	FXDMKF38	FXDMKF39	FXDMKF40
TOTAL FX CONTRACTS	FXDMDG94	FXDMDH52	FXDMDJ10	FXDMDJ68	FXDMDK26	FXDMDK84	FXDMDL42	FXDMDM00	FXDMDM58	FXDMDN16	FXDMDN74	FXDMDP32	FXDMDP90	FXDMDQ48	FXDMDR06	FXDMDR64	FXDMDS22
o/w prime brokered	FXDMDG95	FXDMDH53	FXDMDJ11	FXDMDJ69	FXDMDK27	FXDMDK85	FXDMDL43	FXDMDM01	FXDMDM59	FXDMDN17	FXDMDN75	FXDMDP33	FXDMDP91	FXDMDQ49	FXDMDR07	FXDMDR65	FXDMDS23
o/w retail-driven	FXDMDG96	FXDMDH54	FXDMDJ12	FXDMDJ70	FXDMDK28	FXDMDK86	FXDMDL44	FXDMDM02	FXDMDM60	FXDMDN18	FXDMDN76	FXDMDP34	FXDMDP92	FXDMDQ50	FXDMDR08	FXDMDR66	FXDMDS24

Instruments	INR	KRW	LTL	LVL	MXN	MYR	NOK	NZD	PEN	PHP	PLN	RON	RUB	SAR	SEK	SGD	THB	TRY	TWD	ZAR	Other
CURRENCY SWAPS [3]																					
with reporting dealers	FXDMDS25	FXDMDS83	FXDMDT41	FXDMDT99	FXDMDU57	FXDMDV15	FXDMDV73	FXDMDW31	FXDMDW89	FXDMDX47	FXDMDY05	FXDMDY63	FXDMDZ21	FXDMDZ79	FXDMEA37	FXDMEA95	FXDMEB53	FXDMEC11	FXDMEC69	FXDMED27	FXDMED85
local	FXDMDS26	FXDMDS84	FXDMDT42	FXDMDU00	FXDMDU58	FXDMDV16	FXDMDV74	FXDMDW32	FXDMDW90	FXDMDX48	FXDMDY06	FXDMDY64	FXDMDZ22	FXDMDZ80	FXDMEA38	FXDMEA96	FXDMEB54	FXDMEC12	FXDMEC70	FXDMED28	FXDMED86
cross-border	FXDMDS27	FXDMDS85	FXDMDT43	FXDMDU01	FXDMDU59	FXDMDV17	FXDMDV75	FXDMDW33	FXDMDW91	FXDMDX49	FXDMDY07	FXDMDY65	FXDMDZ23	FXDMDZ81	FXDMEA39	FXDMEA97	FXDMEB55	FXDMEC13	FXDMEC71	FXDMED29	FXDMED87
with other financial institutions	FXDMDS28	FXDMDS86	FXDMDT44	FXDMDU02	FXDMDU60	FXDMDV18	FXDMDV76	FXDMDW34	FXDMDW92	FXDMDX50	FXDMDY08	FXDMDY66	FXDMDZ24	FXDMDZ82	FXDMEA40	FXDMEA98	FXDMEB56	FXDMEC14	FXDMEC72	FXDMED30	FXDMED88
local	FXDMDS29	FXDMDS87	FXDMDT45	FXDMDU03	FXDMDU61	FXDMDV19	FXDMDV77	FXDMDW35	FXDMDW93	FXDMDX51	FXDMDY09	FXDMDY67	FXDMDZ25	FXDMDZ83	FXDMEA41	FXDMEA99	FXDMEB57	FXDMEC15	FXDMEC73	FXDMED31	FXDMED89
cross-border	FXDMDS30	FXDMDS88	FXDMDT46	FXDMDU04	FXDMDU62	FXDMDV20	FXDMDV78	FXDMDW36	FXDMDW94	FXDMDX52	FXDMDY10	FXDMDY68	FXDMDZ26	FXDMDZ84	FXDMEA42	FXDMEB00	FXDMEB58	FXDMEC16	FXDMEC74	FXDMED32	FXDMED90
non-reporting banks	FXDMDS31	FXDMDS89	FXDMDT47	FXDMDU05	FXDMDU63	FXDMDV21	FXDMDV79	FXDMDW37	FXDMDW95	FXDMDX53	FXDMDY11	FXDMDY69	FXDMDZ27	FXDMDZ85	FXDMEA43	FXDMEB01	FXDMEB59	FXDMEC17	FXDMEC75	FXDMED33	FXDMED91
institutional investors	FXDMDS32	FXDMDS90	FXDMDT48	FXDMDU06	FXDMDU64	FXDMDV22	FXDMDV80	FXDMDW38	FXDMDW96	FXDMDX54	FXDMDY12	FXDMDY70	FXDMDZ28	FXDMDZ86	FXDMEA44	FXDMEB02	FXDMEB60	FXDMEC18	FXDMEC76	FXDMED34	FXDMED92
hedge funds and proprietary trading firms	FXDMDS33	FXDMDS91	FXDMDT49	FXDMDU07	FXDMDU65	FXDMDV23	FXDMDV81	FXDMDW39	FXDMDW97	FXDMDX55	FXDMDY13	FXDMDY71	FXDMDZ29	FXDMDZ87	FXDMEA45	FXDMEB03	FXDMEB61	FXDMEC19	FXDMEC77	FXDMED35	FXDMED93
official sector financial institutions	FXDMDS34	FXDMDS92	FXDMDT50	FXDMDU08	FXDMDU66	FXDMDV24	FXDMDV82	FXDMDW40	FXDMDW98	FXDMDX56	FXDMDY14	FXDMDY72	FXDMDZ30	FXDMDZ88	FXDMEA46	FXDMEB04	FXDMEB62	FXDMEC20	FXDMEC78	FXDMED36	FXDMED94
others	FXDMDS35	FXDMDS93	FXDMDT51	FXDMDU09	FXDMDU67	FXDMDV25	FXDMDV83	FXDMDW41	FXDMDW99	FXDMDX57	FXDMDY15	FXDMDY73	FXDMDZ31	FXDMDZ89	FXDMEA47	FXDMEB05	FXDMEB63	FXDMEC21	FXDMEC79	FXDMED37	FXDMED95
undistributed	FXDMDS36	FXDMDS94	FXDMDT52	FXDMDU10	FXDMDU68	FXDMDV26	FXDMDV84	FXDMDW42	FXDMDX00	FXDMDX58	FXDMDY16	FXDMDY74	FXDMDZ32	FXDMDZ90	FXDMEA48	FXDMEB06	FXDMEB64	FXDMEC22	FXDMEC80	FXDMED38	FXDMED96
with non-financial customers	FXDMDS37	FXDMDS95	FXDMDT53	FXDMDU11	FXDMDU69	FXDMDV27	FXDMDV85	FXDMDW43	FXDMDX01	FXDMDX59	FXDMDY17	FXDMDY75	FXDMDZ33	FXDMDZ91	FXDMEA49	FXDMEB07	FXDMEB65	FXDMEC23	FXDMEC81	FXDMED39	FXDMED97
local	FXDMDS38	FXDMDS96	FXDMDT54	FXDMDU12	FXDMDU70	FXDMDV28	FXDMDV86	FXDMDW44	FXDMDX02	FXDMDX60	FXDMDY18	FXDMDY76	FXDMDZ34	FXDMDZ92	FXDMEA50	FXDMEB08	FXDMEB66	FXDMEC24	FXDMEC82	FXDMED40	FXDMED98
cross-border	FXDMDS39	FXDMDS97	FXDMDT55	FXDMDU13	FXDMDU71	FXDMDV29	FXDMDV87	FXDMDW45	FXDMDX03	FXDMDX61	FXDMDY19	FXDMDY77	FXDMDZ35	FXDMDZ93	FXDMEA51	FXDMEB09	FXDMEB67	FXDMEC25	FXDMEC83	FXDMED41	FXDMED99
TOTAL CURRENCY SWAPS	FXDMDS40	FXDMDS98	FXDMDT56	FXDMDU14	FXDMDU72	FXDMDV30	FXDMDV88	FXDMDW46	FXDMDX04	FXDMDX62	FXDMDY20	FXDMDY78	FXDMDZ36	FXDMDZ94	FXDMEA52	FXDMEB10	FXDMEB68	FXDMEC26	FXDMEC84	FXDMED42	FXDMEE00
o/w prime brokered	FXDMDS41	FXDMDS99	FXDMDT57	FXDMDU15	FXDMDU73	FXDMDV31	FXDMDV89	FXDMDW47	FXDMDX05	FXDMDX63	FXDMDY21	FXDMDY79	FXDMDZ37	FXDMDZ95	FXDMEA53	FXDMEB11	FXDMEB69	FXDMEC27	FXDMEC85	FXDMED43	FXDMEE01
o/w retail-driven	FXDMDS42	FXDMDT00	FXDMDT58	FXDMDU16	FXDMDU74	FXDMDV32	FXDMDV90	FXDMDW48	FXDMDX06	FXDMDX64	FXDMDY22	FXDMDY80	FXDMDZ38	FXDMDZ96	FXDMEA54	FXDMEB12	FXDMEB70	FXDMEC28	FXDMEC86	FXDMED44	FXDMEE02
OTC OPTIONS (sum of bought and sold) [4]																					
with reporting dealers	FXDMKB71	FXDMKB86	FXDMKC01	FXDMKC16	FXDMKC31	FXDMKC46	FXDMKC61	FXDMKC76	FXDMKC91	FXDMKD06	FXDMKD21	FXDMKD36	FXDMKD51	FXDMKD66	FXDMKD81	FXDMKD96	FXDMKE11	FXDMKE26	FXDMKE41	FXDMKE56	FXDMKE71
local	FXDMKB72	FXDMKB87	FXDMKC02	FXDMKC17	FXDMKC32	FXDMKC47	FXDMKC62	FXDMKC77	FXDMKC92	FXDMKD07	FXDMKD22	FXDMKD37	FXDMKD52	FXDMKD67	FXDMKD82	FXDMKD97	FXDMKE12	FXDMKE27	FXDMKE42	FXDMKE57	FXDMKE72
cross-border	FXDMKB73	FXDMKB88	FXDMKC03	FXDMKC18	FXDMKC33	FXDMKC48	FXDMKC63	FXDMKC78	FXDMKC93	FXDMKD08	FXDMKD23	FXDMKD38	FXDMKD53	FXDMKD68	FXDMKD83	FXDMKD98	FXDMKE13	FXDMKE28	FXDMKE43	FXDMKE58	FXDMKE73
with other financial institutions	FXDMKB74	FXDMKB89	FXDMKC04	FXDMKC19	FXDMKC34	FXDMKC49	FXDMKC64	FXDMKC79	FXDMKC94	FXDMKD09	FXDMKD24	FXDMKD39	FXDMKD54	FXDMKD69	FXDMKD84	FXDMKD99	FXDMKE14	FXDMKE29	FXDMKE44	FXDMKE59	FXDMKE74
local	FXDMKB75	FXDMKB90	FXDMKC05	FXDMKC20	FXDMKC35	FXDMKC50	FXDMKC65	FXDMKC80	FXDMKC95	FXDMKD10	FXDMKD25	FXDMKD40	FXDMKD55	FXDMKD70	FXDMKD85	FXDMKE00	FXDMKE15	FXDMKE30	FXDMKE45	FXDMKE60	FXDMKE75
cross-border	FXDMKB76	FXDMKB91	FXDMKC06	FXDMKC21	FXDMKC36	FXDMKC51	FXDMKC66	FXDMKC81	FXDMKC96	FXDMKD11	FXDMKD26	FXDMKD41	FXDMKD56	FXDMKD71	FXDMKD86	FXDMKE01	FXDMKE16	FXDMKE31	FXDMKE46	FXDMKE61	FXDMKE76
non-reporting banks	FXDMKB77	FXDMKB92	FXDMKC07	FXDMKC22	FXDMKC37	FXDMKC52	FXDMKC67	FXDMKC82	FXDMKC97	FXDMKD12	FXDMKD27	FXDMKD42	FXDMKD57	FXDMKD72	FXDMKD87	FXDMKE02	FXDMKE17	FXDMKE32	FXDMKE47	FXDMKE62	FXDMKE77
institutional investors	FXDMKB78	FXDMKB93	FXDMKC08	FXDMKC23	FXDMKC38	FXDMKC53	FXDMKC68	FXDMKC83	FXDMKC98	FXDMKD13	FXDMKD28	FXDMKD43	FXDMKD58	FXDMKD73	FXDMKD88	FXDMKE03	FXDMKE18	FXDMKE33	FXDMKE48	FXDMKE63	FXDMKE78
hedge funds and proprietary trading firms	FXDMKB79	FXDMKB94	FXDMKC09	FXDMKC24	FXDMKC39	FXDMKC54	FXDMKC69	FXDMKC84	FXDMKC99	FXDMKD14	FXDMKD29	FXDMKD44	FXDMKD59	FXDMKD74	FXDMKD89	FXDMKE04	FXDMKE19	FXDMKE34	FXDMKE49	FXDMKE64	FXDMKE79
official sector financial institutions	FXDMKB80	FXDMKB95	FXDMKC10	FXDMKC25	FXDMKC40	FXDMKC55	FXDMKC70	FXDMKC85	FXDMKD00	FXDMKD15	FXDMKD30	FXDMKD45	FXDMKD60	FXDMKD75	FXDMKD90	FXDMKE05	FXDMKE20	FXDMKE35	FXDMKE50	FXDMKE65	FXDMKE80
others	FXDMKB81	FXDMKB96	FXDMKC11	FXDMKC26	FXDMKC41	FXDMKC56	FXDMKC71	FXDMKC86	FXDMKD01	FXDMKD16	FXDMKD31	FXDMKD46	FXDMKD61	FXDMKD76	FXDMKD91	FXDMKE06	FXDMKE21	FXDMKE36	FXDMKE51	FXDMKE66	FXDMKE81
undistributed	FXDMKB82	FXDMKB97	FXDMKC12	FXDMKC27	FXDMKC42	FXDMKC57	FXDMKC72	FXDMKC87	FXDMKD02	FXDMKD17	FXDMKD32	FXDMKD47	FXDMKD62	FXDMKD77	FXDMKD92	FXDMKE07	FXDMKE22	FXDMKE37	FXDMKE52	FXDMKE67	FXDMKE82
with non-financial customers	FXDMKB83	FXDMKB98	FXDMKC13	FXDMKC28	FXDMKC43	FXDMKC58	FXDMKC73	FXDMKC88	FXDMKD03	FXDMKD18	FXDMKD33	FXDMKD48	FXDMKD63	FXDMKD78	FXDMKD93	FXDMKE08	FXDMKE23	FXDMKE38	FXDMKE53	FXDMKE68	FXDMKE83
local	FXDMKB84	FXDMKB99	FXDMKC14	FXDMKC29	FXDMKC44	FXDMKC59	FXDMKC74	FXDMKC89	FXDMKD04	FXDMKD19	FXDMKD34	FXDMKD49	FXDMKD64	FXDMKD79	FXDMKD94	FXDMKE09	FXDMKE24	FXDMKE39	FXDMKE54	FXDMKE69	FXDMKE84
cross-border	FXDMKB85	FXDMKC00	FXDMKC15	FXDMKC30	FXDMKC45	FXDMKC60	FXDMKC75	FXDMKC90	FXDMKD05	FXDMKD20	FXDMKD35	FXDMKD50	FXDMKD65	FXDMKD80	FXDMKD95	FXDMKE10	FXDMKE25	FXDMKE40	FXDMKE55	FXDMKE70	FXDMKE85
TOTAL OTC OPTIONS	FXDMDS79	FXDMDT37	FXDMDT95	FXDMDU53	FXDMDV11	FXDMDV69	FXDMDW27	FXDMDW85	FXDMDX43	FXDMDY01	FXDMDY59	FXDMDZ17	FXDMDZ75	FXDMEA33	FXDMEA91	FXDMEB49	FXDMEC07	FXDMEC65	FXDMED23	FXDMED81	FXDMEE39
o/w prime brokered	FXDMKF03	FXDMKF04	FXDMKF05	FXDMKF06	FXDMKF07	FXDMKF08	FXDMKF09	FXDMKF10	FXDMKF11	FXDMKF12	FXDMKF13	FXDMKF14	FXDMKF15	FXDMKF16	FXDMKF17	FXDMKF18	FXDMKF19	FXDMKF20	FXDMKF21	FXDMKF22	FXDMKF23
o/w retail-driven	FXDMKF41	FXDMKF42	FXDMKF43	FXDMKF44	FXDMKF45	FXDMKF46	FXDMKF47	FXDMKF48	FXDMKF49	FXDMKF50	FXDMKF51	FXDMKF52	FXDMKF53	FXDMKF54	FXDMKF55	FXDMKF56	FXDMKF57	FXDMKF58	FXDMKF59	FXDMKF60	FXDMKF61
TOTAL FX CONTRACTS	FXDMDS80	FXDMDT38	FXDMDT96	FXDMDU54	FXDMDV12	FXDMDV70	FXDMDW28	FXDMDW86	FXDMDX44	FXDMDY02	FXDMDY60	FXDMDZ18	FXDMDZ76	FXDMEA34	FXDMEA92	FXDMEB50	FXDMEC08	FXDMEC66	FXDMED24	FXDMED82	FXDMEE40
o/w prime brokered	FXDMDS81	FXDMDT39	FXDMDT97	FXDMDU55	FXDMDV13	FXDMDV71	FXDMDW29	FXDMDW87	FXDMDX45	FXDMDY03	FXDMDY61	FXDMDZ19	FXDMDZ77	FXDMEA35	FXDMEA93	FXDMEB51	FXDMEC09	FXDMEC67	FXDMED25	FXDMED83	FXDMEE41
o/w retail-driven	FXDMDS82	FXDMDT40	FXDMDT98	FXDMDU56	FXDMDV14	FXDMDV72	FXDMDW30	FXDMDW88	FXDMDX46	FXDMDY04	FXDMDY62	FXDMDZ20	FXDMDZ78	FXDMEA36	FXDMEA94	FXDMEB52	FXDMEC10	FXDMEC68	FXDMED26	FXDMED84	FXDMEE42

[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 B1

Central Bank Survey of Foreign Exchange and Derivatives Market Activity
SINGLE-CURRENCY INTEREST RATE DERIVATIVES [1]
Turnover in nominal or notional principal amounts in April 2019
(in millions of USD)

Instruments	ARS	AUD	BGN	BHD	BRL	CAD	CHF	CLP	CNY	COP	CZK	DKK	EUR	GBP
FORWARD RATE AGREEMENTS														
with reporting dealers	FXDMEE43	FXDMEE64	FXDMEE85	FXDMEF06	FXDMEF27	FXDMEF48	FXDMEF69	FXDMEF90	FXDMEG11	FXDMEG32	FXDMEG53	FXDMEG74	FXDMEG95	FXDMEH16
local	FXDMEE44	FXDMEE65	FXDMEE86	FXDMEF07	FXDMEF28	FXDMEF49	FXDMEF70	FXDMEF91	FXDMEG12	FXDMEG33	FXDMEG54	FXDMEG75	FXDMEG96	FXDMEH17
cross-border	FXDMEE45	FXDMEE66	FXDMEE87	FXDMEF08	FXDMEF29	FXDMEF50	FXDMEF71	FXDMEF92	FXDMEG13	FXDMEG34	FXDMEG55	FXDMEG76	FXDMEG97	FXDMEH18
with other financial institutions	FXDMEE46	FXDMEE67	FXDMEE88	FXDMEF09	FXDMEF30	FXDMEF51	FXDMEF72	FXDMEF93	FXDMEG14	FXDMEG35	FXDMEG56	FXDMEG77	FXDMEG98	FXDMEH19
local	FXDMEE47	FXDMEE68	FXDMEE89	FXDMEF10	FXDMEF31	FXDMEF52	FXDMEF73	FXDMEF94	FXDMEG15	FXDMEG36	FXDMEG57	FXDMEG78	FXDMEG99	FXDMEH20
cross-border	FXDMEE48	FXDMEE69	FXDMEE90	FXDMEF11	FXDMEF32	FXDMEF53	FXDMEF74	FXDMEF95	FXDMEG16	FXDMEG37	FXDMEG58	FXDMEG79	FXDMEH00	FXDMEH21
with non-financial customers	FXDMEE49	FXDMEE70	FXDMEE91	FXDMEF12	FXDMEF33	FXDMEF54	FXDMEF75	FXDMEF96	FXDMEG17	FXDMEG38	FXDMEG59	FXDMEG80	FXDMEH01	FXDMEH22
local	FXDMEE50	FXDMEE71	FXDMEE92	FXDMEF13	FXDMEF34	FXDMEF55	FXDMEF76	FXDMEF97	FXDMEG18	FXDMEG39	FXDMEG60	FXDMEG81	FXDMEH02	FXDMEH23
cross-border	FXDMEE51	FXDMEE72	FXDMEE93	FXDMEF14	FXDMEF35	FXDMEF56	FXDMEF77	FXDMEF98	FXDMEG19	FXDMEG40	FXDMEG61	FXDMEG82	FXDMEH03	FXDMEH24
TOTAL FORWARD RATE AGREEMENTS	FXDMEE52	FXDMEE73	FXDMEE94	FXDMEF15	FXDMEF36	FXDMEF57	FXDMEF78	FXDMEF99	FXDMEG20	FXDMEG41	FXDMEG62	FXDMEG83	FXDMEH04	FXDMEH25
OVERNIGHT INDEXED SWAPS [2]														
with reporting dealers	FXDMKF62	FXDMKF72	FXDMKF82	FXDMKF92	FXDMKG02	FXDMKG12	FXDMKG22	FXDMKG32	FXDMKG42	FXDMKG52	FXDMKG62	FXDMKG72	FXDMKG82	FXDMKG92
local	FXDMKF63	FXDMKF73	FXDMKF83	FXDMKF93	FXDMKG03	FXDMKG13	FXDMKG23	FXDMKG33	FXDMKG43	FXDMKG53	FXDMKG63	FXDMKG73	FXDMKG83	FXDMKG93
cross-border	FXDMKF64	FXDMKF74	FXDMKF84	FXDMKF94	FXDMKG04	FXDMKG14	FXDMKG24	FXDMKG34	FXDMKG44	FXDMKG54	FXDMKG64	FXDMKG74	FXDMKG84	FXDMKG94
with other financial institutions	FXDMKF65	FXDMKF75	FXDMKF85	FXDMKF95	FXDMKG05	FXDMKG15	FXDMKG25	FXDMKG35	FXDMKG45	FXDMKG55	FXDMKG65	FXDMKG75	FXDMKG85	FXDMKG95
local	FXDMKF66	FXDMKF76	FXDMKF86	FXDMKF96	FXDMKG06	FXDMKG16	FXDMKG26	FXDMKG36	FXDMKG46	FXDMKG56	FXDMKG66	FXDMKG76	FXDMKG86	FXDMKG96
cross-border	FXDMKF67	FXDMKF77	FXDMKF87	FXDMKF97	FXDMKG07	FXDMKG17	FXDMKG27	FXDMKG37	FXDMKG47	FXDMKG57	FXDMKG67	FXDMKG77	FXDMKG87	FXDMKG97
with non-financial customers	FXDMKF68	FXDMKF78	FXDMKF88	FXDMKF98	FXDMKG08	FXDMKG18	FXDMKG28	FXDMKG38	FXDMKG48	FXDMKG58	FXDMKG68	FXDMKG78	FXDMKG88	FXDMKG98
local	FXDMKF69	FXDMKF79	FXDMKF89	FXDMKF99	FXDMKG09	FXDMKG19	FXDMKG29	FXDMKG39	FXDMKG49	FXDMKG59	FXDMKG69	FXDMKG79	FXDMKG89	FXDMKG99
cross-border	FXDMKF70	FXDMKF80	FXDMKF90	FXDMKG00	FXDMKG10	FXDMKG20	FXDMKG30	FXDMKG40	FXDMKG50	FXDMKG60	FXDMKG70	FXDMKG80	FXDMKG90	FXDMKH00
TOTAL OVERNIGHT INDEXED SWAPS	FXDMKF71	FXDMKF81	FXDMKF91	FXDMKG01	FXDMKG11	FXDMKG21	FXDMKG31	FXDMKG41	FXDMKG51	FXDMKG61	FXDMKG71	FXDMKG81	FXDMKG91	FXDMKH01
OTHER SWAPS [2]														
with reporting dealers	FXDMKK82	FXDMKK92	FXDMKL02	FXDMKL12	FXDMKL22	FXDMKL32	FXDMKL42	FXDMKL52	FXDMKL62	FXDMKL72	FXDMKL82	FXDMKL92	FXDMKM02	FXDMKM12
local	FXDMKK83	FXDMKK93	FXDMKL03	FXDMKL13	FXDMKL23	FXDMKL33	FXDMKL43	FXDMKL53	FXDMKL63	FXDMKL73	FXDMKL83	FXDMKL93	FXDMKM03	FXDMKM13
cross-border	FXDMKK84	FXDMKK94	FXDMKL04	FXDMKL14	FXDMKL24	FXDMKL34	FXDMKL44	FXDMKL54	FXDMKL64	FXDMKL74	FXDMKL84	FXDMKL94	FXDMKM04	FXDMKM14
with other financial institutions	FXDMKK85	FXDMKK95	FXDMKL05	FXDMKL15	FXDMKL25	FXDMKL35	FXDMKL45	FXDMKL55	FXDMKL65	FXDMKL75	FXDMKL85	FXDMKL95	FXDMKM05	FXDMKM15
local	FXDMKK86	FXDMKK96	FXDMKL06	FXDMKL16	FXDMKL26	FXDMKL36	FXDMKL46	FXDMKL56	FXDMKL66	FXDMKL76	FXDMKL86	FXDMKL96	FXDMKM06	FXDMKM16
cross-border	FXDMKK87	FXDMKK97	FXDMKL07	FXDMKL17	FXDMKL27	FXDMKL37	FXDMKL47	FXDMKL57	FXDMKL67	FXDMKL77	FXDMKL87	FXDMKL97	FXDMKM07	FXDMKM17
with non-financial customers	FXDMKK88	FXDMKK98	FXDMKL08	FXDMKL18	FXDMKL28	FXDMKL38	FXDMKL48	FXDMKL58	FXDMKL68	FXDMKL78	FXDMKL88	FXDMKL98	FXDMKM08	FXDMKM18
local	FXDMKK89	FXDMKK99	FXDMKL09	FXDMKL19	FXDMKL29	FXDMKL39	FXDMKL49	FXDMKL59	FXDMKL69	FXDMKL79	FXDMKL89	FXDMKL99	FXDMKM09	FXDMKM19
cross-border	FXDMKK90	FXDMKL00	FXDMKL10	FXDMKL20	FXDMKL30	FXDMKL40	FXDMKL50	FXDMKL60	FXDMKL70	FXDMKL80	FXDMKL90	FXDMKM00	FXDMKM10	FXDMKM20
TOTAL OTHER SWAPS	FXDMKK91	FXDMKL01	FXDMKL11	FXDMKL21	FXDMKL31	FXDMKL41	FXDMKL51	FXDMKL61	FXDMKL71	FXDMKL81	FXDMKL91	FXDMKM01	FXDMKM11	FXDMKM21

Instruments	HKD	HUF	IDR	ILS	INR	JPY	KRW	LTL	LVL	MXN	MYR	NOK	NZD	PEN
FORWARD RATE AGREEMENTS														
with reporting dealers	FXDMEH37	FXDMEH58	FXDMEH79	FXDMEJ00	FXDMEJ21	FXDMEJ42	FXDMEJ63	FXDMEJ84	FXDMEK05	FXDMEK26	FXDMEK47	FXDMEK68	FXDMEK89	FXDMEL10
local	FXDMEH38	FXDMEH59	FXDMEH80	FXDMEJ01	FXDMEJ22	FXDMEJ43	FXDMEJ64	FXDMEJ85	FXDMEK06	FXDMEK27	FXDMEK48	FXDMEK69	FXDMEK90	FXDMEL11
cross-border	FXDMEH39	FXDMEH60	FXDMEH81	FXDMEJ02	FXDMEJ23	FXDMEJ44	FXDMEJ65	FXDMEJ86	FXDMEK07	FXDMEK28	FXDMEK49	FXDMEK70	FXDMEK91	FXDMEL12
with other financial institutions	FXDMEH40	FXDMEH61	FXDMEH82	FXDMEJ03	FXDMEJ24	FXDMEJ45	FXDMEJ66	FXDMEJ87	FXDMEK08	FXDMEK29	FXDMEK50	FXDMEK71	FXDMEK92	FXDMEL13
local	FXDMEH41	FXDMEH62	FXDMEH83	FXDMEJ04	FXDMEJ25	FXDMEJ46	FXDMEJ67	FXDMEJ88	FXDMEK09	FXDMEK30	FXDMEK51	FXDMEK72	FXDMEK93	FXDMEL14
cross-border	FXDMEH42	FXDMEH63	FXDMEH84	FXDMEJ05	FXDMEJ26	FXDMEJ47	FXDMEJ68	FXDMEJ89	FXDMEK10	FXDMEK31	FXDMEK52	FXDMEK73	FXDMEK94	FXDMEL15
with non-financial customers	FXDMEH43	FXDMEH64	FXDMEH85	FXDMEJ06	FXDMEJ27	FXDMEJ48	FXDMEJ69	FXDMEJ90	FXDMEK11	FXDMEK32	FXDMEK53	FXDMEK74	FXDMEK95	FXDMEL16
local	FXDMEH44	FXDMEH65	FXDMEH86	FXDMEJ07	FXDMEJ28	FXDMEJ49	FXDMEJ70	FXDMEJ91	FXDMEK12	FXDMEK33	FXDMEK54	FXDMEK75	FXDMEK96	FXDMEL17
cross-border	FXDMEH45	FXDMEH66	FXDMEH87	FXDMEJ08	FXDMEJ29	FXDMEJ50	FXDMEJ71	FXDMEJ92	FXDMEK13	FXDMEK34	FXDMEK55	FXDMEK76	FXDMEK97	FXDMEL18
TOTAL FORWARD RATE AGREEMENTS	FXDMEH46	FXDMEH67	FXDMEH88	FXDMEJ09	FXDMEJ30	FXDMEJ51	FXDMEJ72	FXDMEJ93	FXDMEK14	FXDMEK35	FXDMEK56	FXDMEK77	FXDMEK98	FXDMEL19
OVERNIGHT INDEXED SWAPS [2]														
with reporting dealers	FXDMKH02	FXDMKH12	FXDMKH22	FXDMKH32	FXDMKH42	FXDMKH52	FXDMKH62	FXDMKH72	FXDMKH82	FXDMKH92	FXDMKJ02	FXDMKJ12	FXDMKJ22	FXDMKJ32
local	FXDMKH03	FXDMKH13	FXDMKH23	FXDMKH33	FXDMKH43	FXDMKH53	FXDMKH63	FXDMKH73	FXDMKH83	FXDMKH93	FXDMKJ03	FXDMKJ13	FXDMKJ23	FXDMKJ33
cross-border	FXDMKH04	FXDMKH14	FXDMKH24	FXDMKH34	FXDMKH44	FXDMKH54	FXDMKH64	FXDMKH74	FXDMKH84	FXDMKH94	FXDMKJ04	FXDMKJ14	FXDMKJ24	FXDMKJ34
with other financial institutions	FXDMKH05	FXDMKH15	FXDMKH25	FXDMKH35	FXDMKH45	FXDMKH55	FXDMKH65	FXDMKH75	FXDMKH85	FXDMKH95	FXDMKJ05	FXDMKJ15	FXDMKJ25	FXDMKJ35
local	FXDMKH06	FXDMKH16	FXDMKH26	FXDMKH36	FXDMKH46	FXDMKH56	FXDMKH66	FXDMKH76	FXDMKH86	FXDMKH96	FXDMKJ06	FXDMKJ16	FXDMKJ26	FXDMKJ36
cross-border	FXDMKH07	FXDMKH17	FXDMKH27	FXDMKH37	FXDMKH47	FXDMKH57	FXDMKH67	FXDMKH77	FXDMKH87	FXDMKH97	FXDMKJ07	FXDMKJ17	FXDMKJ27	FXDMKJ37
with non-financial customers	FXDMKH08	FXDMKH18	FXDMKH28	FXDMKH38	FXDMKH48	FXDMKH58	FXDMKH68	FXDMKH78	FXDMKH88	FXDMKH98	FXDMKJ08	FXDMKJ18	FXDMKJ28	FXDMKJ38
local	FXDMKH09	FXDMKH19	FXDMKH29	FXDMKH39	FXDMKH49	FXDMKH59	FXDMKH69	FXDMKH79	FXDMKH89	FXDMKH99	FXDMKJ09	FXDMKJ19	FXDMKJ29	FXDMKJ39
cross-border	FXDMKH10	FXDMKH20	FXDMKH30	FXDMKH40	FXDMKH50	FXDMKH60	FXDMKH70	FXDMKH80	FXDMKH90	FXDMKJ00	FXDMKJ10	FXDMKJ20	FXDMKJ30	FXDMKJ40
TOTAL OVERNIGHT INDEXED SWAPS	FXDMKH11	FXDMKH21	FXDMKH31	FXDMKH41	FXDMKH51	FXDMKH61	FXDMKH71	FXDMKH81	FXDMKH91	FXDMKJ01	FXDMKJ11	FXDMKJ21	FXDMKJ31	FXDMKJ41
OTHER SWAPS [2]														
with reporting dealers	FXDMKM22	FXDMKM32	FXDMKM42	FXDMKM52	FXDMKM62	FXDMKM72	FXDMKM82	FXDMKM92	FXDMKN02	FXDMKN12	FXDMKN22	FXDMKN32	FXDMKN42	FXDMKN52
local	FXDMKM23	FXDMKM33	FXDMKM43	FXDMKM53	FXDMKM63	FXDMKM73	FXDMKM83	FXDMKM93	FXDMKN03	FXDMKN13	FXDMKN23	FXDMKN33	FXDMKN43	FXDMKN53
cross-border	FXDMKM24	FXDMKM34	FXDMKM44	FXDMKM54	FXDMKM64	FXDMKM74	FXDMKM84	FXDMKM94	FXDMKN04	FXDMKN14	FXDMKN24	FXDMKN34	FXDMKN44	FXDMKN54
with other financial institutions	FXDMKM25	FXDMKM35	FXDMKM45	FXDMKM55	FXDMKM65	FXDMKM75	FXDMKM85	FXDMKM95	FXDMKN05	FXDMKN15	FXDMKN25	FXDMKN35	FXDMKN45	FXDMKN55
local	FXDMKM26	FXDMKM36	FXDMKM46	FXDMKM56	FXDMKM66	FXDMKM76	FXDMKM86	FXDMKM96	FXDMKN06	FXDMKN16	FXDMKN26	FXDMKN36	FXDMKN46	FXDMKN56
cross-border	FXDMKM27	FXDMKM37	FXDMKM47	FXDMKM57	FXDMKM67	FXDMKM77	FXDMKM87	FXDMKM97	FXDMKN07	FXDMKN17	FXDMKN27	FXDMKN37	FXDMKN47	FXDMKN57
with non-financial customers	FXDMKM28	FXDMKM38	FXDMKM48	FXDMKM58	FXDMKM68	FXDMKM78	FXDMKM88	FXDMKM98	FXDMKN08	FXDMKN18	FXDMKN28	FXDMKN38	FXDMKN48	FXDMKN58
local	FXDMKM29	FXDMKM39	FXDMKM49	FXDMKM59	FXDMKM69	FXDMKM79	FXDMKM89	FXDMKM99	FXDMKN09	FXDMKN19	FXDMKN29	FXDMKN39	FXDMKN49	FXDMKN59
cross-border	FXDMKM30	FXDMKM40	FXDMKM50	FXDMKM60	FXDMKM70	FXDMKM80	FXDMKM90	FXDMKN00	FXDMKN10	FXDMKN20	FXDMKN30	FXDMKN40	FXDMKN50	FXDMKN60
TOTAL OTHER SWAPS	FXDMKM31	FXDMKM41	FXDMKM51	FXDMKM61	FXDMKM71	FXDMKM81	FXDMKM91	FXDMKN01	FXDMKN11	FXDMKN21	FXDMKN31	FXDMKN41	FXDMKN51	FXDMKN61

Instruments	PHP	PLN	RON	RUB	SAR	SEK	SGD	THB	TRY	TWD	USD	ZAR	Other	TOT
FORWARD RATE AGREEMENTS														
with reporting dealers	FXDMEL31	FXDMEL52	FXDMEL73	FXDMEL94	FXDMEM15	FXDMEM36	FXDMEM57	FXDMEM78	FXDMEM99	FXDMEN20	FXDMEN41	FXDMEN62	FXDMEN83	FXDMEP04
local	FXDMEL32	FXDMEL53	FXDMEL74	FXDMEL95	FXDMEM16	FXDMEM37	FXDMEM58	FXDMEM79	FXDMEN00	FXDMEN21	FXDMEN42	FXDMEN63	FXDMEN84	FXDMEP05
cross-border	FXDMEL33	FXDMEL54	FXDMEL75	FXDMEL96	FXDMEM17	FXDMEM38	FXDMEM59	FXDMEM80	FXDMEN01	FXDMEN22	FXDMEN43	FXDMEN64	FXDMEN85	FXDMEP06
with other financial institutions	FXDMEL34	FXDMEL55	FXDMEL76	FXDMEL97	FXDMEM18	FXDMEM39	FXDMEM60	FXDMEM81	FXDMEN02	FXDMEN23	FXDMEN44	FXDMEN65	FXDMEN86	FXDMEP07
local	FXDMEL35	FXDMEL56	FXDMEL77	FXDMEL98	FXDMEM19	FXDMEM40	FXDMEM61	FXDMEM82	FXDMEN03	FXDMEN24	FXDMEN45	FXDMEN66	FXDMEN87	FXDMEP08
cross-border	FXDMEL36	FXDMEL57	FXDMEL78	FXDMEL99	FXDMEM20	FXDMEM41	FXDMEM62	FXDMEM83	FXDMEN04	FXDMEN25	FXDMEN46	FXDMEN67	FXDMEN88	FXDMEP09
with non-financial customers	FXDMEL37	FXDMEL58	FXDMEL79	FXDMEM00	FXDMEM21	FXDMEM42	FXDMEM63	FXDMEM84	FXDMEN05	FXDMEN26	FXDMEN47	FXDMEN68	FXDMEN89	FXDMEP10
local	FXDMEL38	FXDMEL59	FXDMEL80	FXDMEM01	FXDMEM22	FXDMEM43	FXDMEM64	FXDMEM85	FXDMEN06	FXDMEN27	FXDMEN48	FXDMEN69	FXDMEN90	FXDMEP11
cross-border	FXDMEL39	FXDMEL60	FXDMEL81	FXDMEM02	FXDMEM23	FXDMEM44	FXDMEM65	FXDMEM86	FXDMEN07	FXDMEN28	FXDMEN49	FXDMEN70	FXDMEN91	FXDMEP12
TOTAL FORWARD RATE AGREEMENTS	FXDMEL40	FXDMEL61	FXDMEL82	FXDMEM03	FXDMEM24	FXDMEM45	FXDMEM66	FXDMEM87	FXDMEN08	FXDMEN29	FXDMEN50	FXDMEN71	FXDMEN92	FXDMEP13
OVERNIGHT INDEXED SWAPS [2]														
with reporting dealers	FXDMKJ42	FXDMKJ52	FXDMKJ62	FXDMKJ72	FXDMKJ82	FXDMKJ92	FXDMKK02	FXDMKK12	FXDMKK22	FXDMKK32	FXDMKK42	FXDMKK52	FXDMKK62	FXDMKK72
local	FXDMKJ43	FXDMKJ53	FXDMKJ63	FXDMKJ73	FXDMKJ83	FXDMKJ93	FXDMKK03	FXDMKK13	FXDMKK23	FXDMKK33	FXDMKK43	FXDMKK53	FXDMKK63	FXDMKK73
cross-border	FXDMKJ44	FXDMKJ54	FXDMKJ64	FXDMKJ74	FXDMKJ84	FXDMKJ94	FXDMKK04	FXDMKK14	FXDMKK24	FXDMKK34	FXDMKK44	FXDMKK54	FXDMKK64	FXDMKK74
with other financial institutions	FXDMKJ45	FXDMKJ55	FXDMKJ65	FXDMKJ75	FXDMKJ85	FXDMKJ95	FXDMKK05	FXDMKK15	FXDMKK25	FXDMKK35	FXDMKK45	FXDMKK55	FXDMKK65	FXDMKK75
local	FXDMKJ46	FXDMKJ56	FXDMKJ66	FXDMKJ76	FXDMKJ86	FXDMKJ96	FXDMKK06	FXDMKK16	FXDMKK26	FXDMKK36	FXDMKK46	FXDMKK56	FXDMKK66	FXDMKK76
cross-border	FXDMKJ47	FXDMKJ57	FXDMKJ67	FXDMKJ77	FXDMKJ87	FXDMKJ97	FXDMKK07	FXDMKK17	FXDMKK27	FXDMKK37	FXDMKK47	FXDMKK57	FXDMKK67	FXDMKK77
with non-financial customers	FXDMKJ48	FXDMKJ58	FXDMKJ68	FXDMKJ78	FXDMKJ88	FXDMKJ98	FXDMKK08	FXDMKK18	FXDMKK28	FXDMKK38	FXDMKK48	FXDMKK58	FXDMKK68	FXDMKK78
local	FXDMKJ49	FXDMKJ59	FXDMKJ69	FXDMKJ79	FXDMKJ89	FXDMKJ99	FXDMKK09	FXDMKK19	FXDMKK29	FXDMKK39	FXDMKK49	FXDMKK59	FXDMKK69	FXDMKK79
cross-border	FXDMKJ50	FXDMKJ60	FXDMKJ70	FXDMKJ80	FXDMKJ90	FXDMKK00	FXDMKK10	FXDMKK20	FXDMKK30	FXDMKK40	FXDMKK50	FXDMKK60	FXDMKK70	FXDMKK80
TOTAL OVERNIGHT INDEXED SWAPS	FXDMKJ51	FXDMKJ61	FXDMKJ71	FXDMKJ81	FXDMKJ91	FXDMKK01	FXDMKK11	FXDMKK21	FXDMKK31	FXDMKK41	FXDMKK51	FXDMKK61	FXDMKK71	FXDMKK81
OTHER SWAPS [2]														
with reporting dealers	FXDMKN62	FXDMKN72	FXDMKN82	FXDMKN92	FXDMKP02	FXDMKP12	FXDMKP22	FXDMKP32	FXDMKP42	FXDMKP52	FXDMKP62	FXDMKP72	FXDMKP82	FXDMKP92
local	FXDMKN63	FXDMKN73	FXDMKN83	FXDMKN93	FXDMKP03	FXDMKP13	FXDMKP23	FXDMKP33	FXDMKP43	FXDMKP53	FXDMKP63	FXDMKP73	FXDMKP83	FXDMKP93
cross-border	FXDMKN64	FXDMKN74	FXDMKN84	FXDMKN94	FXDMKP04	FXDMKP14	FXDMKP24	FXDMKP34	FXDMKP44	FXDMKP54	FXDMKP64	FXDMKP74	FXDMKP84	FXDMKP94
with other financial institutions	FXDMKN65	FXDMKN75	FXDMKN85	FXDMKN95	FXDMKP05	FXDMKP15	FXDMKP25	FXDMKP35	FXDMKP45	FXDMKP55	FXDMKP65	FXDMKP75	FXDMKP85	FXDMKP95
local	FXDMKN66	FXDMKN76	FXDMKN86	FXDMKN96	FXDMKP06	FXDMKP16	FXDMKP26	FXDMKP36	FXDMKP46	FXDMKP56	FXDMKP66	FXDMKP76	FXDMKP86	FXDMKP96
cross-border	FXDMKN67	FXDMKN77	FXDMKN87	FXDMKN97	FXDMKP07	FXDMKP17	FXDMKP27	FXDMKP37	FXDMKP47	FXDMKP57	FXDMKP67	FXDMKP77	FXDMKP87	FXDMKP97
with non-financial customers	FXDMKN68	FXDMKN78	FXDMKN88	FXDMKN98	FXDMKP08	FXDMKP18	FXDMKP28	FXDMKP38	FXDMKP48	FXDMKP58	FXDMKP68	FXDMKP78	FXDMKP88	FXDMKP98
local	FXDMKN69	FXDMKN79	FXDMKN89	FXDMKN99	FXDMKP09	FXDMKP19	FXDMKP29	FXDMKP39	FXDMKP49	FXDMKP59	FXDMKP69	FXDMKP79	FXDMKP89	FXDMKP99
cross-border	FXDMKN70	FXDMKN80	FXDMKN90	FXDMKP00	FXDMKP10	FXDMKP20	FXDMKP30	FXDMKP40	FXDMKP50	FXDMKP60	FXDMKP70	FXDMKP80	FXDMKP90	FXDMKQ00
TOTAL OTHER SWAPS	FXDMKN71	FXDMKN81	FXDMKN91	FXDMKP01	FXDMKP11	FXDMKP21	FXDMKP31	FXDMKP41	FXDMKP51	FXDMKP61	FXDMKP71	FXDMKP81	FXDMKP91	FXDMKQ01

[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

Central Bank Survey of Foreign Exchange and Derivatives Market Activity

SINGLE-CURRENCY INTEREST RATE DERIVATIVES [1]

Turnover in nominal or notional principal amounts in April 2019

(in millions of USD)

Instruments	ARS	AUD	BGN	BHD	BRL	CAD	CHF	CLP	CNY	COP	CZK	DKK	EUR	GBP
OTC OPTIONS (sum of bought and sold)														
with reporting dealers	FXDMKQ08	FXDMKQ17	FXDMKQ26	FXDMKQ35	FXDMKQ44	FXDMKQ53	FXDMKQ62	FXDMKQ71	FXDMKQ80	FXDMKQ89	FXDMKQ98	FXDMKR07	FXDMKR10	FXDMKR25
local	FXDMKQ10	FXDMKQ19	FXDMKQ28	FXDMKQ37	FXDMKQ46	FXDMKQ55	FXDMKQ64	FXDMKQ73	FXDMKQ82	FXDMKQ91	FXDMKR00	FXDMKR09	FXDMKR11	FXDMKR27
cross-border	FXDMKQ09	FXDMKQ18	FXDMKQ27	FXDMKQ36	FXDMKQ45	FXDMKQ54	FXDMKQ63	FXDMKQ72	FXDMKQ81	FXDMKQ90	FXDMKQ99	FXDMKR08	FXDMKR12	FXDMKR26
with other financial institutions	FXDMKQ05	FXDMKQ14	FXDMKQ23	FXDMKQ32	FXDMKQ41	FXDMKQ50	FXDMKQ59	FXDMKQ68	FXDMKQ77	FXDMKQ86	FXDMKQ95	FXDMKR04	FXDMKR13	FXDMKR22
local	FXDMKQ07	FXDMKQ16	FXDMKQ25	FXDMKQ34	FXDMKQ43	FXDMKQ52	FXDMKQ61	FXDMKQ70	FXDMKQ79	FXDMKQ88	FXDMKQ97	FXDMKR06	FXDMKR14	FXDMKR24
cross-border	FXDMKQ06	FXDMKQ15	FXDMKQ24	FXDMKQ33	FXDMKQ42	FXDMKQ51	FXDMKQ60	FXDMKQ69	FXDMKQ78	FXDMKQ87	FXDMKQ96	FXDMKR05	FXDMKR15	FXDMKR23
with non-financial customers	FXDMKQ02	FXDMKQ11	FXDMKQ20	FXDMKQ29	FXDMKQ38	FXDMKQ47	FXDMKQ56	FXDMKQ65	FXDMKQ74	FXDMKQ83	FXDMKQ92	FXDMKR01	FXDMKR16	FXDMKR19
local	FXDMKQ04	FXDMKQ13	FXDMKQ22	FXDMKQ31	FXDMKQ40	FXDMKQ49	FXDMKQ58	FXDMKQ67	FXDMKQ76	FXDMKQ85	FXDMKQ94	FXDMKR03	FXDMKR17	FXDMKR21
cross-border	FXDMKQ03	FXDMKQ12	FXDMKQ21	FXDMKQ30	FXDMKQ39	FXDMKQ48	FXDMKQ57	FXDMKQ66	FXDMKQ75	FXDMKQ84	FXDMKQ93	FXDMKR02	FXDMKR18	FXDMKR20
TOTAL OTC OPTIONS	FXDMEP45	FXDMEP67	FXDMEP89	FXDMEQ11	FXDMEQ33	FXDMEQ55	FXDMEQ77	FXDMEQ99	FXDMER21	FXDMER43	FXDMER65	FXDMER87	FXDMES09	FXDMES31
Other products [2]														
TOTAL INTEREST RATE CONTRACTS [3]	FXDMEP46	FXDMEP68	FXDMEP90	FXDMEQ12	FXDMEQ34	FXDMEQ56	FXDMEQ78	FXDMER00	FXDMER22	FXDMER44	FXDMER66	FXDMER88	FXDMES10	FXDMES32
o/w related party trades [4]														

Instruments	HKD	HUF	IDR	ILS	INR	JPY	KRW	LTL	LVL	MXN	MYR	NOK	NZD	PEN
OTC OPTIONS (sum of bought and sold)														
with reporting dealers	FXDMKR34	FXDMKR43	FXDMKR52	FXDMKR61	FXDMKR70	FXDMKR73	FXDMKR88	FXDMKR97	FXDMKS06	FXDMKS15	FXDMKS24	FXDMKS33	FXDMKS42	FXDMKS51
local	FXDMKR36	FXDMKR45	FXDMKR54	FXDMKR63	FXDMKR72	FXDMKR74	FXDMKR90	FXDMKR99	FXDMKS08	FXDMKS17	FXDMKS26	FXDMKS35	FXDMKS44	FXDMKS53
cross-border	FXDMKR35	FXDMKR44	FXDMKR53	FXDMKR62	FXDMKR71	FXDMKR75	FXDMKR89	FXDMKR98	FXDMKS07	FXDMKS16	FXDMKS25	FXDMKS34	FXDMKS43	FXDMKS52
with other financial institutions	FXDMKR31	FXDMKR40	FXDMKR49	FXDMKR58	FXDMKR67	FXDMKR76	FXDMKR85	FXDMKR94	FXDMKS03	FXDMKS12	FXDMKS21	FXDMKS30	FXDMKS39	FXDMKS48
local	FXDMKR33	FXDMKR42	FXDMKR51	FXDMKR60	FXDMKR69	FXDMKR77	FXDMKR87	FXDMKR96	FXDMKS05	FXDMKS14	FXDMKS23	FXDMKS32	FXDMKS41	FXDMKS50
cross-border	FXDMKR32	FXDMKR41	FXDMKR50	FXDMKR59	FXDMKR68	FXDMKR78	FXDMKR86	FXDMKR95	FXDMKS04	FXDMKS13	FXDMKS22	FXDMKS31	FXDMKS40	FXDMKS49
with non-financial customers	FXDMKR28	FXDMKR37	FXDMKR46	FXDMKR55	FXDMKR64	FXDMKR79	FXDMKR82	FXDMKR91	FXDMKS00	FXDMKS09	FXDMKS18	FXDMKS27	FXDMKS36	FXDMKS45
local	FXDMKR30	FXDMKR39	FXDMKR48	FXDMKR57	FXDMKR66	FXDMKR80	FXDMKR84	FXDMKR93	FXDMKS02	FXDMKS11	FXDMKS20	FXDMKS29	FXDMKS38	FXDMKS47
cross-border	FXDMKR29	FXDMKR38	FXDMKR47	FXDMKR56	FXDMKR65	FXDMKR81	FXDMKR83	FXDMKR92	FXDMKS01	FXDMKS10	FXDMKS19	FXDMKS28	FXDMKS37	FXDMKS46
TOTAL OTC OPTIONS	FXDMES53	FXDMES75	FXDMES97	FXDMET19	FXDMET41	FXDMET63	FXDMET85	FXDMEU07	FXDMEU29	FXDMEU51	FXDMEU73	FXDMEU95	FXDMEV17	FXDMEV39
Other products [2]														
TOTAL INTEREST RATE CONTRACTS [3]	FXDMES54	FXDMES76	FXDMES98	FXDMET20	FXDMET42	FXDMET64	FXDMET86	FXDMEU08	FXDMEU30	FXDMEU52	FXDMEU74	FXDMEU96	FXDMEV18	FXDMEV40
o/w related party trades [4]														

Instruments	PHP	PLN	RON	RUB	SAR	SEK	SGD	THB	TRY	TWD	USD	ZAR	Other	TOT
OTC OPTIONS (sum of bought and sold)														
with reporting dealers	FXDMKS60	FXDMKS69	FXDMKS78	FXDMKS87	FXDMKS96	FXDMKT05	FXDMKT14	FXDMKT23	FXDMKT32	FXDMKT41	FXDMKT44	FXDMKT59	FXDMKT68	FXDMKT71
local	FXDMKS62	FXDMKS71	FXDMKS80	FXDMKS89	FXDMKS98	FXDMKT07	FXDMKT16	FXDMKT25	FXDMKT34	FXDMKT43	FXDMKT45	FXDMKT61	FXDMKT70	FXDMKT72
cross-border	FXDMKS61	FXDMKS70	FXDMKS79	FXDMKS88	FXDMKS97	FXDMKT06	FXDMKT15	FXDMKT24	FXDMKT33	FXDMKT42	FXDMKT46	FXDMKT60	FXDMKT69	FXDMKT73
with other financial institutions	FXDMKS57	FXDMKS66	FXDMKS75	FXDMKS84	FXDMKS93	FXDMKT02	FXDMKT11	FXDMKT20	FXDMKT29	FXDMKT38	FXDMKT47	FXDMKT56	FXDMKT65	FXDMKT74
local	FXDMKS59	FXDMKS68	FXDMKS77	FXDMKS86	FXDMKS95	FXDMKT04	FXDMKT13	FXDMKT22	FXDMKT31	FXDMKT40	FXDMKT48	FXDMKT58	FXDMKT67	FXDMKT75
cross-border	FXDMKS58	FXDMKS67	FXDMKS76	FXDMKS85	FXDMKS94	FXDMKT03	FXDMKT12	FXDMKT21	FXDMKT30	FXDMKT39	FXDMKT49	FXDMKT57	FXDMKT66	FXDMKT76
with non-financial customers	FXDMKS54	FXDMKS63	FXDMKS72	FXDMKS81	FXDMKS90	FXDMKS99	FXDMKT08	FXDMKT17	FXDMKT26	FXDMKT35	FXDMKT50	FXDMKT53	FXDMKT62	FXDMKT77
local	FXDMKS56	FXDMKS65	FXDMKS74	FXDMKS83	FXDMKS92	FXDMKT01	FXDMKT10	FXDMKT19	FXDMKT28	FXDMKT37	FXDMKT51	FXDMKT55	FXDMKT64	FXDMKT78
cross-border	FXDMKS55	FXDMKS64	FXDMKS73	FXDMKS82	FXDMKS91	FXDMKT00	FXDMKT09	FXDMKT18	FXDMKT27	FXDMKT36	FXDMKT52	FXDMKT54	FXDMKT63	FXDMKT79
TOTAL OTC OPTIONS	FXDMEV61	FXDMEV83	FXDMEW05	FXDMEW27	FXDMEW49	FXDMEW71	FXDMEW93	FXDMEX15	FXDMEX37	FXDMEX59	FXDMEX81	FXDMEY03	FXDMEY25	FXDMEY47
Other products [2]														FXDMEY48
TOTAL INTEREST RATE CONTRACTS [3]	FXDMEV62	FXDMEV84	FXDMEW06	FXDMEW28	FXDMEW50	FXDMEW72	FXDMEW94	FXDMEX16	FXDMEX38	FXDMEX60	FXDMEX82	FXDMEY04	FXDMEY26	FXDMEY49
o/w related party trades [4]														FXDMEY50

[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.

Table C1

Central Bank Survey of Foreign Exchange and Derivatives Market Activity

COMPLEMENTARY INFORMATION FOR FOREIGN EXCHANGE CONTRACTS

Turnover in nominal or notional principal amounts in April 2019

THIS TABLE IS BEING REMOVED AS OF APRIL 2019

~~**1. Information on the number of business days**~~

~~Number of days~~	

~~**2. Information on coverage and concentration**~~

	~~FX contracts~~
~~a) The final number of participating institutions.~~	
~~b) The estimated percentage coverage of their survey.1~~	
~~c) The number of institutions accounting for 75 percent of the reported totals.~~	

~~[1] In percentage and without % sign, ie 90% should be entered as 90.~~

~~**3. Information on trend of trading activity**~~

	~~FX contracts~~
~~a) Level of turnover: below normal, normal, above normal.1~~	
~~b) Compared to previous 6 months: decreasing, steady, increasing.2~~	

~~[1] Below normal = 1, normal = 2, above normal = 3~~

~~[2] Decreasing = 1, steady = 2, increasing = 3~~

~~**41. Data on forward contracts for differences (incl. non-deliverable forwards)**~~

~~Turnover of forward contracts where only the difference between the contracted forward outright rate and the prevailing spot rate is settled at maturity.~~

	~~G10 currencies only[1]~~	~~Non-G10 currencies[2]~~			
		~~In Africa & Middle East~~	~~In Asia & Pacific~~	~~In Europe~~	~~In Latin America & Caribbean~~
~~Turnover of forward contracts for differences (in millions of US dollar)~~	~~FXDMEY51~~	~~FXDMEY52~~	~~FXDMEY53~~	~~FXDMEY54~~	~~FXDMEY55~~

~~[1] Contracts that only involve G10 currencies on both sides of the transaction (G10 currencies = CAD, CHF, EUR, GBP, JPY, SEK, USD)~~

~~[2] Contracts that involve G10 currencies only on one side of the transaction or non-G10 currencies on both sides of the transaction.~~

~~In case of transactions involving non-G10 currencies from different regional areas, please split the notional amount evenly between the two relevant columns in the form.~~

~~**5. Information on "retail-driven" transactions**~~

	~~FX contracts~~
~~a) The estimated percentage share of transactions with "wholesale" counterparties.[1]~~	
~~b) The estimated percentage share of online transactions with "non-wholesale" investors.[1]~~	
~~c) The estimated percentage share of phone transactions with "non-wholesale" investors.[1]~~	

~~[1] In percentage and without % sign, ie 90% should be entered as 90.~~

~~**6. Coverage of algorithmic (Algo) and high-frequency trading (HFT)activity**~~

~~a) Of your spot FX turnover with counterparties belonging to the category "Other Financial Institutions – Hedge Funds and Proprietary Trading Firms", what is the estimated share of specialist Algo / HFT firms?~~

	~~Spot FX contracts~~
~~- All currency pairs[1]~~	
~~- Major currency pairs[1, 2]~~	
~~- Non-major currency pairs[1]~~	

~~[1] In percentage and without % sign, ie 90% should be entered as 90.~~

~~[2] EUR/USD, USD/JPY, GBP/USD, AUD/USD, USD/CHF and USD/CAD~~

~~b) Of your spot FX turnover with specialist Algo / HFT firms belonging to the counterparty category "Other Financial Institutions – Hedge Funds and Proprietary Trading Firms", which were the top 5 currency pairs traded? (List of currency pairs in descending order)~~

	~~Major currency pairs[1]~~	~~Non-major currency pairs~~
~~1~~	~~---/---~~	~~---/---~~
~~2~~	~~---/---~~	~~---/---~~
~~3~~	~~---/---~~	~~---/---~~
~~4~~	~~---/---~~	~~---/---~~
~~5~~	~~---/---~~	~~---/---~~

~~[1] EUR/USD, USD/JPY, GBP/USD, AUD/USD, USD/CHF and USD/CAD~~

Table C2

Central Bank Survey of Foreign Exchange and Derivatives Market Activity
EXECUTION METHOD FOR FOREIGN EXCHANGE CONTRACTS
Turnover in nominal or notional principal amounts in April 2019
(in millions of USD)

Instruments	Voice		Electronic				Unallocated	Total [1]
			Direct		Indirect			
	Direct	Indirect	Single-bank proprietary trading system	Other	Anonymous venues	Disclosed venues		
SPOT								
with reporting dealers	FXDMEY56	FXDMEY87	FXDMEZ18	FXDMEZ49	FXDMKT80	FXDMKU11	FXDMFA73	FXDMFB04
local	FXDMEY57	FXDMEY88	FXDMEZ19	FXDMEZ50	FXDMKT81	FXDMKU12	FXDMFA74	FXDMFB05
cross-border	FXDMEY58	FXDMEY89	FXDMEZ20	FXDMEZ51	FXDMKT82	FXDMKU13	FXDMFA75	FXDMFB06
with other financial institutions	FXDMEY59	FXDMEY90	FXDMEZ21	FXDMEZ52	FXDMKT83	FXDMKU14	FXDMFA76	FXDMFB07
with non-financial customers	FXDMEY60	FXDMEY91	FXDMEZ22	FXDMEZ53	FXDMKT84	FXDMKU15	FXDMFA77	FXDMFB08
TOTAL SPOT	FXDMEY61	FXDMEY92	FXDMEZ23	FXDMEZ54	FXDMKT85	FXDMKU16	FXDMFA78	FXDMFB09
OUTRIGHT FORWARDS								
with reporting dealers	FXDMEY62	FXDMEY93	FXDMEZ24	FXDMEZ55	FXDMKT86	FXDMKU17	FXDMFA79	FXDMFB10
local	FXDMEY63	FXDMEY94	FXDMEZ25	FXDMEZ56	FXDMKT87	FXDMKU18	FXDMFA80	FXDMFB11
cross-border	FXDMEY64	FXDMEY95	FXDMEZ26	FXDMEZ57	FXDMKT88	FXDMKU19	FXDMFA81	FXDMFB12
with other financial institutions	FXDMEY65	FXDMEY96	FXDMEZ27	FXDMEZ58	FXDMKT89	FXDMKU20	FXDMFA82	FXDMFB13
with non-financial customers	FXDMEY66	FXDMEY97	FXDMEZ28	FXDMEZ59	FXDMKT90	FXDMKU21	FXDMFA83	FXDMFB14
TOTAL OUTRIGHT FORWARDS	FXDMEY67	FXDMEY98	FXDMEZ29	FXDMEZ60	FXDMKT91	FXDMKU22	FXDMFA84	FXDMFB15
FOREIGN EXCHANGE SWAPS								
with reporting dealers	FXDMEY68	FXDMEY99	FXDMEZ30	FXDMEZ61	FXDMKT92	FXDMKU23	FXDMFA85	FXDMFB16
local	FXDMEY69	FXDMEZ00	FXDMEZ31	FXDMEZ62	FXDMKT93	FXDMKU24	FXDMFA86	FXDMFB17
cross-border	FXDMEY70	FXDMEZ01	FXDMEZ32	FXDMEZ63	FXDMKT94	FXDMKU25	FXDMFA87	FXDMFB18
with other financial institutions	FXDMEY71	FXDMEZ02	FXDMEZ33	FXDMEZ64	FXDMKT95	FXDMKU26	FXDMFA88	FXDMFB19
with non-financial customers	FXDMEY72	FXDMEZ03	FXDMEZ34	FXDMEZ65	FXDMKT96	FXDMKU27	FXDMFA89	FXDMFB20
TOTAL FOREIGN EXCHANGE SWAPS	FXDMEY73	FXDMEZ04	FXDMEZ35	FXDMEZ66	FXDMKT97	FXDMKU28	FXDMFA90	FXDMFB21
CURRENCY SWAPS								
with reporting dealers	FXDMEY74	FXDMEZ05	FXDMEZ36	FXDMEZ67	FXDMKT98	FXDMKU29	FXDMFA91	FXDMFB22
local	FXDMEY75	FXDMEZ06	FXDMEZ37	FXDMEZ68	FXDMKT99	FXDMKU30	FXDMFA92	FXDMFB23
cross-border	FXDMEY76	FXDMEZ07	FXDMEZ38	FXDMEZ69	FXDMKU00	FXDMKU31	FXDMFA93	FXDMFB24
with other financial institutions	FXDMEY77	FXDMEZ08	FXDMEZ39	FXDMEZ70	FXDMKU01	FXDMKU32	FXDMFA94	FXDMFB25
with non-financial customers	FXDMEY78	FXDMEZ09	FXDMEZ40	FXDMEZ71	FXDMKU02	FXDMKU33	FXDMFA95	FXDMFB26
TOTAL CURRENCY SWAPS	FXDMEY79	FXDMEZ10	FXDMEZ41	FXDMEZ72	FXDMKU03	FXDMKU34	FXDMFA96	FXDMFB27
OTC OPTIONS								
with reporting dealers	FXDMEY80	FXDMEZ11	FXDMEZ42	FXDMEZ73	FXDMKU04	FXDMKU35	FXDMFA97	FXDMFB28
local	FXDMEY81	FXDMEZ12	FXDMEZ43	FXDMEZ74	FXDMKU05	FXDMKU36	FXDMFA98	FXDMFB29
cross-border	FXDMEY82	FXDMEZ13	FXDMEZ44	FXDMEZ75	FXDMKU06	FXDMKU37	FXDMFA99	FXDMFB30
with other financial institutions	FXDMEY83	FXDMEZ14	FXDMEZ45	FXDMEZ76	FXDMKU07	FXDMKU38	FXDMFB00	FXDMFB31
with non-financial customers	FXDMEY84	FXDMEZ15	FXDMEZ46	FXDMEZ77	FXDMKU08	FXDMKU39	FXDMFB01	FXDMFB32
TOTAL OTC OPTIONS	FXDMEY85	FXDMEZ16	FXDMEZ47	FXDMEZ78	FXDMKU09	FXDMKU40	FXDMFB02	FXDMFB33
TOTAL FX CONTRACTS	FXDMEY86	FXDMEZ17	FXDMEZ48	FXDMEZ79	FXDMKU10	FXDMKU41	FXDMFB03	FXDMFB34

[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.