

2018 Quantitative (Top 5) Report

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Introduction

These reports with Top 5 execution venues and Top 5 brokers refer to the obligations set out in art. 27.6 of Directive 2014/65/EU ("MiFID II") and art. 3 of Commission Delegated Regulation (EU) 2017/576 ("RTS 28"), and outline the identity of the main execution venues, in terms of volume, where Credit Suisse AG and Credit Suisse (Switzerland) Ltd. (hereafter "Credit Suisse") have actively executed clients' orders, and the main brokers, in terms of volume, where Credit Suisse has routed its clients' orders for further execution both for retail and professional clients, in the preceding year.

This report is intended to cover the period from 1/1/2018 to 31/12/2018. As outlined in ESMA's Q&A on MiFID II and MiFIR investor protection topics, certain aspects of the RTS28 requirements are tied to new provisions from MiFID II or MiFIR. Given that Credit Suisse is not a firm directly subject to MiFID II provisions, it is not directly obliged to comply with the best execution requirements, but endeavours to do so in order to provide the best service to its clients.

These reports should be read in conjunction with the Credit Suisse Best Execution Policy, the current version of which is available at <https://www.credit-suisse.com/mifid>.

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Execution of orders from professional clients of Credit Suisse (Switzerland) Ltd.

This section outlines, for each class of financial instruments, the Top 5 execution venues, in terms of volume, where Credit Suisse executed orders received from clients classified as “professional client”

Class of instrument	(a) Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
SIX Swiss Exchange XSWX	98.48%	96.82%	74.02%	25.97%	14.92%
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	1.35%	2.02%	57.14%	42.85%	0.00%
BX Swiss AG XBRN	0.08%	0.86%	33.33%	66.66%	33.33%
Société Générale Paris O2RNE8IBXP4R0TD8PU41	0.07%	0.28%	0.00%	100.00%	0.00%

Class of instrument	(a) Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
SIX Swiss Exchange XSWX	80.52%	96.75%	76.07%	23.92%	14.35%
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	17.46%	1.85%	75.00%	25.00%	0.00%
Zürcher Kantonalbank 165GRDQ39W63PHVONY02	1.75%	0.46%	100.00%	0.00%	0.00%
BX Swiss AG XBRN	0.25%	0.92%	0.00%	100.00%	0.00%

Class of instrument	(a) Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
SIX Swiss Exchange XSWX	49.91%	77.34%	6.54%	93.45%	2.02%
Nomura Bank (Switzerland) Ltd 549300FPTTLE2R9UEE81	16.18%	0.04%	0.00%	100.00%	0.00%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	12.42%	17.18%	3.27%	96.72%	0.00%
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	4.53%	0.12%	0.00%	100.00%	0.00%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	3.15%	0.36%	0.00%	100.00%	0.00%

Class of instrument	(b) Debt instruments (i) Bonds				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BLOOMBERG Trading Facility Limited BMTF	63.55%	64.68%	10.13%	89.86%	0.01%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	4.60%	1.75%	30.45%	69.54%	0.00%
UBS AG BFM8T61CT2L1QCEMIK50	4.40%	5.25%	16.18%	83.81%	0.00%
Zürcher Kantonalbank 165GRDQ39W63PHVONY02	3.48%	2.81%	11.25%	88.74%	0.00%
BNP Paribas S.A. R0MUWSFPU8MPRO8K5P83	2.35%	1.54%	20.09%	79.90%	0.00%

Class of instrument	(b) Debt instruments (ii) Money markets instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BLOOMBERG Trading Facility Limited BMTF	84.09%	52.89%	27.39%	72.60%	0.00%
ING Bank NV 3TK20VIVUJ8J3ZU0QE75	6.17%	8.69%	8.33%	91.66%	0.00%
J.P.Morgan Securities Plc K6QOW1PS1L1O4IQL9C32	3.21%	2.89%	25.00%	75.00%	0.00%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	2.95%	24.63%	100.00%	0.00%	0.00%
UBS AG London BFM8T61CT2L1QCEMIK50	2.21%	2.89%	0.00%	100.00%	0.00%

Class of instrument	(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates derivatives				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(d) Credit derivatives (ii) Other credit derivatives				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(e) Currency derivatives (ii) Swaps, forwards, and other currency derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	97.80%	99.68%	n/a	n/a	100.00%
BLOOMBERG Trading Facility Limited BMTF	2.19%	0.31%	n/a	n/a	100.00%

Class of instrument	(f) Structured finance instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BLOOMBERG Trading Facility Limited BMTF	40.30%	50.52%	37.50%	62.50%	0.00%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	15.52%	10.52%	55.00%	45.00%	0.00%
BNP Paribas S.A. London ROMUWSFPU8MPRO8K5P83	8.31%	2.63%	40.00%	60.00%	0.00%
Deutsche Bank AG Frankfurt 7LTWFZYICNSX8D621K86	6.35%	3.15%	33.33%	66.66%	0.00%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	5.83%	3.68%	57.14%	42.85%	0.00%

Class of instrument	(g) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
EUREX XEUR	100.00%	100.00%	37.25%	62.74%	100.00%

Class of instrument	(g) Equity Derivatives (ii) Swaps and other equity derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(h) Securitized Derivatives (i) Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	22.17%	50.47%	5.97%	94.02%	2.79%
SIX Swiss Exchange XSWX	9.84%	23.35%	66.12%	33.87%	21.77%
Bank Julius Bär & Co AG PNWU800BLT17BBV61Y18	9.77%	0.65%	28.57%	71.42%	0.00%
Bank Vontobel AG 549300L7V4MGECYRM576	9.70%	2.63%	25.00%	75.00%	3.57%
Goldman Sachs International W22LROWP2IHZNBB6K528	8.64%	2.07%	36.36%	63.63%	0.00%

Class of instrument	(i) Commodities derivatives and emission allowances derivatives (ii) Other commodities derivatives and emission allowances derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
TRADEWEB Europe Limited TREU	72.11%	49.19%	14.67%	85.32%	3.80%
SIX Swiss Exchange XSWX	27.86%	50.53%	65.60%	34.39%	8.99%
BX Swiss AG XBRN	0.01%	0.26%	0.00%	100.00%	0.00%

Class of instrument	(m) Other instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
EUREX XEUR	97.12%	52.69%	30.44%	69.55%	56.03%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	1.62%	13.25%	35.47%	64.52%	64.27%
SIX Swiss Exchange XSWX	1.18%	33.59%	21.60%	78.39%	0.00%
BLOOMBERG Trading Facility Limited BMTF	0.04%	0.27%	82.35%	17.64%	0.00%
Bank Vontobel AG 549300L7V4MGECYRM576	0.00%	0.06%	50.00%	50.00%	0.00%

Execution of orders from retail clients of Credit Suisse (Switzerland) Ltd.

This section outlines, for each class of financial instruments, the Top 5 execution venues, in terms of volume, where Credit Suisse executed orders received from clients classified as “retail client”

Class of instrument		(a) Equities - Shares & Depository Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)				
Notification if <1 average trade per business day in the previous year		No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
SIX Swiss Exchange XSWX	99.86%	99.61%	27.03%	72.96%	4.46%	
BX Swiss AG XBRN	0.10%	0.37%	26.08%	73.91%	3.85%	
Bank Vontobel AG 549300L7V4MGECYRM576	0.01%	0.00%	100.00%	0.00%	0.00%	
Credit Suisse Securities (Europe) London DL6FFRRLF74S01HE2M14	0.00%	0.00%	50.00%	50.00%	0.00%	
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	0.00%	0.00%	0.00%	100.00%	0.00%	

Class of instrument		(a) Equities - Shares & Depository Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)				
Notification if <1 average trade per business day in the previous year		No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
SIX Swiss Exchange XSWX	99.79%	99.48%	39.11%	60.88%	4.11%	
BX Swiss AG XBRN	0.15%	0.51%	30.91%	69.08%	4.35%	
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	0.04%	0.00%	100.00%	0.00%	0.00%	
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	0.00%	0.00%	0.00%	100.00%	0.00%	

Class of instrument	(a) Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
SIX Swiss Exchange XSWX	78.88%	63.77%	52.69%	47.30%	1.20%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	9.77%	32.62%	0.60%	99.39%	0.00%
Sumridge Partners LLC 529900ECMK8VI6Q1FG89	2.45%	0.01%	60.00%	40.00%	0.00%
Millennium Advisors, LLC 254900E1P6Z2XZYSA163	1.82%	0.01%	40.00%	60.00%	0.00%
BX Swiss AG XBRN	1.05%	1.19%	71.27%	28.72%	1.92%

Class of instrument	(b) Debt instruments (i) Bonds				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BLOOMBERG Trading Facility Limited BMTF	79.15%	65.49%	32.50%	67.49%	0.02%
TRADEWEB Europe Limited TREU	2.79%	8.30%	22.29%	77.70%	0.02%
MARKETAXESS Europe Limited MAEL	2.70%	6.89%	23.75%	76.24%	0.01%
SIX Swiss Exchange XSWX	2.21%	13.93%	53.57%	46.42%	10.25%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	2.02%	1.03%	50.71%	49.28%	0.11%

Class of instrument	(b) Debt instruments (ii) Money markets instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BLOOMBERG Trading Facility Limited BMTF	73.07%	81.17%	9.50%	90.49%	0.00%
Coöperatieve Rabobank U.A. DG3RU1DBUFHT4ZF9WN62	5.76%	2.21%	19.60%	80.39%	0.00%
UBS AG London BFM8T61CT2L1QCEMIK50	5.05%	2.16%	28.00%	72.00%	0.00%
ING Bank NV 3TK20VIUJ8J3ZU0QE75	4.84%	2.03%	19.14%	80.85%	0.00%
Citigroup Global Markets Limited XKZZ2JZF41MRHTR1V493	3.68%	1.30%	10.00%	90.00%	0.00%

Class of instrument	(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(d) Credit derivatives (ii) Other credit derivatives				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(e) Currency derivatives (ii) Swaps, forwards, and other currency derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(f) Structured finance instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
BLOOMBERG Trading Facility Limited BMTF	71.32%	55.84%	55.81%	44.18%	0.00%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	7.57%	1.81%	14.28%	85.71%	0.00%
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	6.09%	7.79%	93.33%	6.66%	0.00%
MARKETAXESS Europe Limited MAEL	3.58%	6.49%	36.00%	64.00%	0.00%
SIX Swiss Exchange XSWX	3.11%	16.62%	14.06%	85.93%	0.00%

Class of instrument	(g) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
EUREX XEUR	100.00%	100.00%	56.39%	43.60%	93.09%

Class of instrument	(g) Equity Derivatives (ii) Swaps and other equity derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(h) Securitized Derivatives (i) Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	30.40%	20.60%	9.07%	90.92%	0.23%
SIX Swiss Exchange XSWX	28.36%	70.95%	73.49%	26.50%	2.90%
Credit Suisse International E58DKGMJYYYJLN8C3868	8.88%	1.20%	24.96%	75.03%	0.00%
Leonteq Securities AG ML61HP3A4MKTTA1ZB671	5.69%	1.36%	53.89%	46.10%	0.37%
BNP Paribas Arbitrage 6EWKU0FGVX5QQJHFGT48	4.63%	0.71%	42.18%	57.81%	0.23%

Class of instrument	(i) Commodities derivatives and emission allowances derivatives (ii) Other commodities derivatives and emission allowances derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
TRADEWEB Europe Limited TREU	68.13%	12.84%	1.24%	98.75%	0.58%
SIX Swiss Exchange XSWX	31.74%	86.75%	6.73%	93.26%	2.20%
BX Swiss AG XBRN	0.06%	0.39%	13.65%	86.34%	1.10%
TRADEWEB LLC TRWB	0.03%	0.00%	0.00%	100.00%	0.00%
Credit Suisse International E58DKGMJYYYJLN8C3868	0.01%	0.00%	0.00%	100.00%	0.00%

Class of instrument	(m) Other instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
EUREX XEUR	97.90%	63.23%	48.49%	51.50%	88.58%
SIX Swiss Exchange XSWX	1.72%	26.23%	41.57%	58.42%	0.20%
Credit Suisse (Switzerland) Ltd. 549300CWR0W0BCS9Q144	0.31%	0.07%	3.93%	96.06%	0.02%
Credit Suisse International E58DKGMJYYYYJLN8C3868	0.01%	0.03%	3.93%	70.27%	0.00%
Goldman Sachs International W22LROWP2IHZNBB6K528	0.01%	0.06%	29.72%	70.27%	0.00%

Receipt and transmission of orders from professional clients of Credit Suisse (Switzerland) Ltd.

This section outlines, for each class of financial instruments, the Top 5 brokers, in terms of volume, where Credit Suisse routed for further execution orders received from clients classified as “professional client”

Class of instrument		(a) Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)				
Notification if <1 average trade per business day in the previous year		No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	62.73%	52.31%	14.07%	85.92%	53.24%	
Merrill Lynch International GGDZP1UYGU9STUHRDP48	14.14%	15.48%	20.73%	79.26%	71.95%	
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	6.26%	5.09%	62.03%	37.96%	8.33%	
UBS (International) Limited REYPIEJN7XZHSUI0N355	4.78%	9.01%	28.27%	71.72%	75.91%	
Citigroup Global Markets Limited XKZZ2JZF41MRHTR1V493	4.76%	10.67%	41.59%	58.40%	69.02%	

Class of instrument		(a) Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)				
Notification if <1 average trade per business day in the previous year		No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders	
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	36.25%	16.62%	32.85%	67.14%	10.71%	
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	31.12%	36.46%	36.15%	63.84%	10.09%	
Citigroup Global Markets Inc. MNUM2BPBDO7JBLYG310	9.49%	10.92%	72.82%	27.17%	8.69%	
UBS AG New York BFM8T61CT2L1QCEMIK50	6.41%	9.38%	97.46%	2.53%	7.59%	
Merrill Lynch, Pierce, Fenner & Smith Incorporated 8NAV47T0Y26Q87Y0QP81	3.50%	7.00%	100.00%	0.00%	11.86%	

Class of instrument	(a) Equities - Shares & Depository Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	46.30%	50.97%	17.65%	82.34%	16.24%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	27.77%	14.90%	50.72%	49.27%	7.24%
Commerzbank AG 851WYG NLUQLFZBSYGB56	5.92%	6.69%	91.39%	8.60%	95.69%
Citigroup Global Markets Limited XKZZ2JZF41MRHTR1V493	3.30%	3.16%	31.81%	68.18%	31.81%
SG Securities (Paris) SA 969500RO00AHWO72CZ84	2.53%	0.07%	100.00%	0.00%	0.00%

Class of instrument	(b) Debt instruments (i) Bonds				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	17.87%	1.36%	0.00%	100.00%	0.00%
Jefferies International Ltd. S5THZMDUJCTQZBTRVI98	16.88%	2.73%	0.00%	100.00%	0.00%
UniCredit Bank AG 549300TRUWO2CD2G5692	15.15%	27.39%	90.00%	10.00%	0.00%
Commerzbank AG 851WYG NLUQLFZBSYGB56	13.11%	31.50%	78.26%	21.73%	21.73%
Credit Suisse Securities (USA) LLC New York 1V8Y6QCX6YMJ2OELI46	10.22%	12.32%	11.11%	88.88%	0.00%

Class of instrument	(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse International E58DKGMJYYYJLN8C3868	97.79%	91.30%	2.38%	97.61%	85.71%
BNP Paribas Securities Services 549300WCGB70D06XZS54	1.19%	4.34%	0.00%	100.00%	0.00%
UBS AG BFM8T61CT2L1QCEMIK50	1.01%	4.34%	0.00%	100.00%	0.00%

Class of instrument	(f) Structured finance instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
NIBC Markets N.V. 724500TUHMB5LASMGJ4	100.00%	100.00%	100.00%	0.00%	0.00%

Class of instrument	(g) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse International E58DKGMJYYYJLN8C3868	56.16%	37.91%	0.00%	100.00%	100.00%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	22.70%	25.27%	63.04%	36.95%	100.00%
AFS Equity & Derivatives B.V. 724500QCPKRL1ZM6Y16	11.94%	6.59%	0.00%	100.00%	100.00%
Citigroup Global Markets Limited XKZZ2JZF41MRHTR1V493	5.40%	21.42%	5.12%	94.87%	100.00%
Societe Generale International Limited 0IKLU6X1B10WK7X42C15	1.93%	4.39%	50.00%	50.00%	100.00%

Class of instrument	(h) Securitized Derivatives (i) Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Bank AG 7LTFWZYICNSX8D621K86	52.98%	30.97%	63.15%	36.84%	21.05%
Commerzbank AG 851WYGNLUQLFZBSYGB56	36.59%	29.89%	65.45%	34.54%	63.63%
Credit Suisse Securities (USA) LLC New York 1V8Y6QCX6YMJ2OELI46	1.86%	11.41%	38.09%	61.90%	0.00%
Citigroup Global Markets Inc. MNUM2BPBDO7JBLYG310	0.95%	3.26%	50.00%	50.00%	0.00%
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	0.69%	6.52%	41.66%	58.33%	58.33%

Class of instrument	(i) Commodities derivatives and emission allowances derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse International E58DKGMJYYYJLN8C3868	100.00%	100.00%	14.28%	85.71%	64.28%

Class of instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	37.79%	32.13%	54.03%	45.96%	3.10%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	19.67%	17.36%	42.52%	57.47%	0.00%
Merrill Lynch, Pierce, Fenner & Smith Incorporated 8NAV47T0Y26Q87Y0QP81	10.57%	7.18%	30.55%	69.44%	22.22%
Citigroup Global Markets Inc. MNUM2BPBDO7JBLYG310	9.83%	5.18%	53.84%	46.15%	26.92%
UBS AG New York BFM8T61CT2L1QCEMIK50	7.64%	6.98%	40.00%	60.00%	20.00%

Class of instrument	(m) Other instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse International E58DKGMJYYYJLN8C3868	63.92%	51.94%	51.97%	48.02%	59.84%
UBS AG BFM8T61CT2L1QCEMIK50	8.42%	13.90%	0.00%	100.00%	0.00%
Banque Pictet & Cie SA 4LCYDN74UCFU5VPM4774	7.32%	4.14%	0.74%	88.80%	0.00%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	4.37%	1.70%	1.85%	98.14%	98.14%
BNP Paribas Securities Services 549300WCGB70D06XZS54	3.74%	4.02%	0.00%	100.00%	0.00%

Receipt and transmission of orders from retail clients of Credit Suisse (Switzerland) Ltd.

This section outlines, for each class of financial instruments, the Top 5 brokers, in terms of volume, where Credit Suisse routed for further execution orders received from clients classified as “retail client”

Class of instrument	(a) Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	70.81%	67.23%	20.41%	79.58%	7.32%
Merrill Lynch International GGDZP1UYGU9STUHRDP48	7.94%	9.20%	19.26%	80.73%	7.21%
Citigroup Global Markets Limited XKZZ2JZF41MRHTR1V493	6.69%	9.11%	19.21%	80.78%	6.34%
UBS Limited REYPIEJN7XZHSUI0N355	6.61%	7.91%	19.50%	80.49%	5.66%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	5.13%	3.41%	17.20%	82.79%	2.32%

Class of instrument	(a) Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	61.58%	57.56%	19.85%	80.14%	1.71%
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	11.67%	12.53%	45.38%	54.61%	2.53%
Citigroup Global Markets Inc. MENUM2BPBDO7JBLYG310	8.25%	7.64%	17.74%	82.25%	1.46%
UBS AG New York BFM8T61CT2L1QCEMIK50	7.57%	7.78%	18.29%	81.70%	1.13%
Merrill Lynch, Pierce, Fenner & Smith Incorporated 8NAV47TOY26Q87Y0QP81	7.22%	6.86%	17.59%	82.40%	1.57%

Class of instrument	(a) Equities - Shares & Depository Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	55.84%	53.71%	28.36%	71.36%	1.43%
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	12.64%	13.96%	39.38%	60.61%	5.78%
Merrill Lynch, Pierce, Fenner & Smith Incorporated 8NAV47T0Y26Q87Y0QP81	10.08%	6.66%	23.24%	76.75%	1.27%
UBS AG New York BFM8T61CT2L1QCEMIK50	9.86%	7.39%	21.99%	78.00%	0.88%
Citigroup Global Markets Inc. MBNUM2BPBDO7JBLYG310	8.63%	7.23%	21.68%	78.31%	1.10%
Class of instrument	(b) Debt instruments (i) Bonds				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Commerzbank AG 851WYGNLUQLFZBSYGB56	55.05%	65.77%	59.31%	40.68%	3.84%
UniCredit Bank AG Milano 549300TRUW02CD2G5692	12.85%	13.31%	59.00%	41.00%	0.00%
Citigroup Global Markets Limited XKZZ2JZF41MRHTR1V493	10.43%	0.26%	100.00%	0.00%	0.00%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	5.92%	7.45%	58.92%	41.07%	0.00%
UniCredit Bank AG München 2ZCNRR8UK830BTEK2170	4.88%	2.66%	90.00%	10.00%	15.00%
Class of instrument	(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse International E58DKGMJYYYJLN8C3868	100.00%	100.00%	18.64%	81.35%	69.49%

Class of instrument	(f) Structured finance instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Bank AG 7LTFWZYICNSX8D621K86	57.22%	37.50%	0.00%	100.00%	33.33%
NIBC Markets N.V. 724500TUHMB5LASMGJ47	34.35%	37.50%	100.00%	0.00%	0.00%
Commerzbank AG 851WYGNLUQLFZBSYGB56	8.42%	25.00%	0.00%	100.00%	0.00%

Class of instrument	(g) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YJMJ20ELI46	72.96%	75.65%	42.68%	57.31%	91.04%
Credit Suisse International E58DKGMJYYYJLN8C3868	10.55%	9.43%	59.09%	40.90%	96.41%
Citigroup Global Markets Inc. MBNUM2BPBDO7JBLYG310	7.36%	8.31%	70.65%	29.34%	86.14%
Societe Generale International Limited 0IKLU6X1B10WK7X42C15	6.07%	4.04%	5.02%	94.97%	100.00%
Citigroup Global Markets Limited KZZ2JZF41MRHTR1V493	1.91%	2.07%	61.95%	38.04%	98.91%

Class of instrument	(h) Securitized Derivatives (i) Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Deutsche Bank AG 7LWTFZYICNSX8D621K86	32.49%	42.32%	57.32%	42.67%	0.55%
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	28.04%	10.48%	7.75%	92.24%	2.42%
Commerzbank AG 851WYGNUQLFZBSYGB56	20.30%	36.44%	57.72%	42.27%	0.72%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	8.64%	2.81%	53.65%	46.34%	1.04%
UniCredit Bank AG 549300TRUWO2CD2G5692	3.67%	2.28%	30.04%	69.95%	2.14%

Class of instrument	(i) Commodities derivatives and emission allowances derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse International E58DKGMJYYYJLN8C3868	100.00%	100.00%	0.00%	100.00%	100.00%

Class of instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse Securities (Europe) DL6FFRRLF74S01HE2M14	37.62%	52.96%	5.11%	94.88%	3.58%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	35.17%	16.54%	16.16%	83.83%	1.79%
Citigroup Global Markets Limited XKZZ2JZF41MRHTR1V493	7.01%	7.67%	6.11%	93.88%	3.92%
Merrill Lynch International GGDZP1UYGU9STUHRDP48	4.09%	7.54%	4.87%	95.12%	3.42%
Citigroup Global Markets Inc. MNUM2BPBDO7JBLYG310	3.76%	7.84%	4.51%	95.48%	3.66%

Class of instrument	(m) Other instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse International E58DKGMJYYYJLN8C3868	54.38%	27.87%	30.59%	69.40%	69.15%
Credit Suisse Securities (USA) LLC 1V8Y6QCX6YMJ2OELI46	35.96%	57.61%	53.32%	46.67%	86.99%
Societe Generale International Limited 0IKLU6X1B10WK7X42C15	5.48%	0.84%	16.88%	83.11%	99.55%
Citigroup Global Markets Inc. MBNUM2BPBDO7JBLYG310	2.76%	7.51%	46.42%	53.57%	95.69%
AFS Equity & Derivatives B.V. 724500QCPKRL1ZM6Y16	0.76%	0.20%	11.11%	88.88%	100.00%

Execution of orders from professional clients of Credit Suisse AG.

This section outlines, for each class of financial instruments, the Top 5 execution venues, in terms of volume, where Credit Suisse executed orders received from clients classified as “professional client”

Class of instrument	(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates derivatives				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(e) Currency derivatives (ii) Swaps, forwards, and other currency derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(g) Equity Derivatives (ii) Swaps and other equity derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(i) Commodities derivatives and emission allowances derivatives (ii) Other commodities derivatives and emission allowances derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%

Class of instrument	(m) Other instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
J.P. MORGAN SECURITIES LLC ZBUT11V806EZRVWT807	36.39%	16.66%	0.00%	100.00%	0.00%
SOCIETE GENERALE SCF 969500F9HMMIJD7DJC28	29.67%	29.16%	0.00%	100.00%	0.00%
Nomura International PLC DGQCSV2PHVF7I2743539	17.95%	16.66%	0.00%	100.00%	0.00%
Goldman Sachs International London W22LROWP2IHZNBB6K528	15.40%	16.66%	0.00%	100.00%	0.00%
Deutsche Bank AG Frankfurt 7LTWFZYICNSX8D621K86	0.56%	20.83%	0.00%	100.00%	0.00%

Execution of orders from retail clients of Credit Suisse AG.

This section outlines, for each class of financial instruments, the Top 5 execution venues, in terms of volume, where Credit Suisse executed orders received from clients classified as “retail client”

Class of instrument	(c) Interest rates derivatives (ii) Swaps, forwards, and other interest rates derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%
Class of instrument	(e) Currency derivatives (ii) Swaps, forwards, and other currency derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%
Class of instrument	(g) Equity Derivatives (ii) Swaps and other equity derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%
Class of instrument	(i) Commodities derivatives and emission allowances derivatives (ii) Other commodities derivatives and emission allowances derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse AG ANGGYXNX0JLX3X63JN86	100.00%	100.00%	n/a	n/a	100.00%

Receipt and transmission of orders from professional clients of Credit Suisse AG

This section outlines, for each class of financial instruments, the Top 5 brokers, in terms of volume, where Credit Suisse routed for further execution orders received from clients classified as “professional client”

Class of instrument		(a) Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)			
Notification if <1 average trade per business day in the previous year		No			
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	97.84%	92.97%	100.00%	0.00%	0.00%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	2.15%	7.02%	52.38%	47.61%	4.76%

Class of instrument		(a) Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)			
Notification if <1 average trade per business day in the previous year		Yes			
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	87.47%	70.17%	100.00%	0.00%	0.00%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	12.52%	29.82%	52.38%	47.61%	4.76%

Class of instrument		(a) Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)			
Notification if <1 average trade per business day in the previous year		No			
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
MORGAN STANLEY & CO. INTERNATIONAL PLC 4PQUHN3JPF GFNF3BB653	98.80%	93.31%	100.00%	0.00%	0.00%
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	1.19%	6.68%	52.38%	47.61%	4.76%

Class of instrument	(b) Debt instruments (i) Bonds				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	37.64%	62.35%	0.00%
Class of instrument	(b) Debt instruments (ii) Money markets instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	12.5%	87.5%	0.00%
Class of instrument	(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	0%	100.00%	0.00%
Class of instrument	(f) Structured finance instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	81.25%	18.75%	0.00%
Class of instrument	(g) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	0.00%	0.00%	100.00%

Class of instrument	(h) Securitized Derivatives (i) Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	49.23%	50.76%	0.00%

Class of instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	19.44%	80.55%	2.77%

Class of instrument	(m) Other instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	3.18%	96.81%	5.49%

Receipt and transmission of orders from retail clients of Credit Suisse AG

This section outlines, for each class of financial instruments, the Top 5 brokers, in terms of volume, where Credit Suisse routed for further execution orders received from clients classified as “retail client”

Class of instrument	(a) Equities - Shares & Depositary Receipts (i) Tick size liquidity bands 5 and 6 (from 2 000 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	16.03%	83.96%	1.85%

Class of instrument	(a) Equities - Shares & Depositary Receipts (ii) Tick size liquidity bands 3 and 4 (from 80 to 1 999 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	21.37%	78.62%	1.79%

Class of instrument	(a) Equities - Shares & Depositary Receipts (iii) Tick size liquidity band 1 and 2 (from 0 to 79 trades per day)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	25.01%	74.98%	1.33%

Class of instrument	(b) Debt instruments (i) Bonds				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	33.37%	66.62%	0.05%

Class of instrument	(b) Debt instruments (ii) Money markets instruments				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	12.69%	87.30%	0.00%

Class of instrument	(c) Interest rates derivatives (i) Futures and options admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	30.00%	70.00%	70.00%

Class of instrument	(f) Structured finance instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	56.60%	43.39%	0.00%

Class of instrument	(g) Equity Derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROWOBCS9Q144	100.00%	100.00%	67.60%	32.39%	87.01%

Class of instrument	(h) Securitized Derivatives (i) Warrants and Certificate Derivatives				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	14.92%	85.07%	0.39%

Class of instrument	(i) Commodities derivatives and emission allowances derivatives (i) Options and Futures admitted to trading on a trading venue				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	21.90%	78.09%	100.00%

Class of instrument	(k) Exchange traded products (Exchange traded funds, exchange traded notes and exchange traded commodities)				
Notification if <1 average trade per business day in the previous year	No				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	5.80%	94.19%	1.87%

Class of instrument	(m) Other instruments				
Notification if <1 average trade per business day in the previous year	Yes				
Top five execution venues ranked in terms of trading volumes (descending order)	Proportion of volume traded as a percentage of total in that class	Proportion of orders executed as percentage of total in that class	Percentage of passive orders	Percentage of aggressive orders	Percentage of directed orders
Credit Suisse (Switzerland) Ltd. 549300CWROW0BCS9Q144	100.00%	100.00%	37.74%	64.25%	74.56%

Annex 1: Definitions

Broker	Means street-side counterparties or providers through which Credit Suisse executes or transmits orders.
Client Order	Client Order is a verbal, electronic (e.g. Bloomberg, FIX) or written agreement to execute a transaction on behalf of a client regardless of whether Credit Suisse is acting in a principal, riskless principal or agency capacity in any of the Financial Instruments listed in Schedule 1 of the Credit Suisse Best Execution Policy.
Eligible Counterparty	Eligible Counterparties are investment firms, credit institutions, insurance companies, UCITS and their management companies, pension funds and their management companies, other financial institutions authorised or regulated under Union law or under the national law of a Member State, national governments and their corresponding offices including public bodies that deal with public debt at national level, central banks and supranational organisations.
Execution Venue	Execution Venue refers to Regulated Markets, MTFs or OTFs and other liquidity providers or entities that perform a similar function. The definition also includes Credit Suisse's own Systematic Internalizer.
Financial Instrument	See the Credit Suisse Best Execution Policy for definition of financial instrument.
Investment Firm	Investment Firm means any legal person whose regular occupation or business is the provision of one or more investment services to third parties and/or the performance of one or more investment activities on a professional basis.
MiFID II	Markets in Financial Instruments Directive 2014/65/EU of 15 May 2014 ("MiFID II").
Professional Client	Professional Client means a client who possesses the experience, knowledge and expertise to be able to appropriately assess the risks associated with their own investment decisions (e.g. financial institutions, other authorized or regulated institutions, collective investment schemes and management companies of such schemes, pension funds, and other institutional investors). Retail Clients who fulfill two out of three criteria set up to demonstrate their knowledge and experience might also be considered Professional Clients upon their own request.
Retail Client	Retail Client means a client who is not a Professional Client.
RTO	RTO means the order handling process when Credit Suisse receives and transmits a client order to an intermediate Broker.
Total Consideration	Price of the Financial Instrument and the costs relating to execution, which shall include all expenses incurred by the client that are directly relating to the execution of the order, including Execution Venue fees, clearing and settlement fees and any other fees paid to third parties involved in the execution of the order.
Trading Venue	Trading Venue means any Regulated Market, MTF or OTF as defined under MiFID II.



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