



ICE Trade Vault Europe Public Reports User Guide

December 2021

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UK DATA REPORTS

This guide has been created in order to ensure that the aggregate data published on ICE Trade Vault Europe's website is interpreted by its users in the most accurate way. This guide is intended to clarify any terms and classifications used, as well as define calculations applied within the reports. For additional information not within the scope of this document, please refer to the ICE Trade Vault Europe [Rule Book](#).

Each registered TR is required to publish aggregate data pursuant to RTS 151/2013¹. Therefore, the information presented here is aggregated volumetric data to indicate overall activity of trades reported to ICE Trade Vault Europe. The European Securities and Markets Authority ("ESMA") subsequently provided the format and the data requirements to be presented in the reports in order to enable the public to compare and aggregate data across TRs.

The reports are generated on a weekly basis. The Breakdown of Aggregate Open Positions Report and the Breakdown of Aggregate Values Report represent data with a Reporting timestamp (Table 1, Item 1) prior to Saturday at midnight UTC.

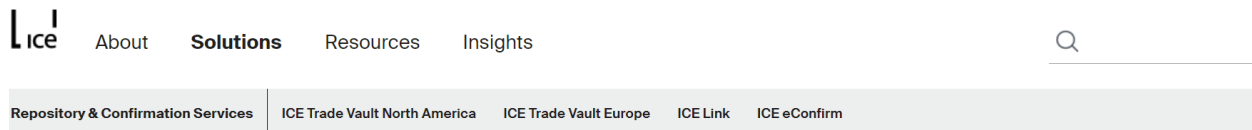
The Breakdown of Aggregate Transaction Volumes Report represents data with a Reporting timestamp (Table 1, Item 1) during the period beginning the 2nd prior Saturday at midnight UTC and ending prior to the following Saturday at midnight UTC.

Please note that cleared OTC trades which have 4 legs and 4 UTIs are commingled with non-cleared OTC trades which have 1 UTI.

¹ As on-shored by the FCA's Technical Standards (European Market Infrastructure Regulation) (EU Exit) (No 3) Instrument 2019 (UK BTS 150/2013)

PUBLICATION AND ACCESS

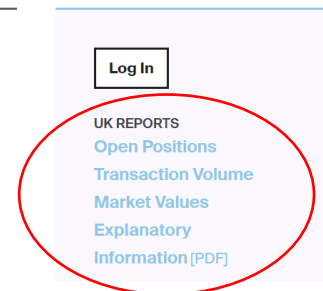
Access to view these reports is available at <https://www.theice.com/technology/post-trade/ice-trade-vault-europe>. They do not require any log in and are publicly available by selecting the report links from the main ICE Trade Vault menu.



POST TRADE

ICE Trade Vault Europe

ICE Trade Vault Europe Ltd is a UK registered Trade Repository (TR) regulated by the Financial Conduct Authority and an EU Agency for the Cooperation of Energy Regulators (ACER) approved Registered Reporting Mechanism (RRM), which offers customers a familiar and trusted solution to meet their UK European Market Infrastructure Regulation (UK EMIR) and Regulation on Energy Market Integrity and Transparency (REMIT) reporting obligations.



- Data on the website is updated no later than every Tuesday at 18:00:00 UTC.
- Reports are generated from all data reported to ICE Trade Vault Europe.
- The [European Central Bank's \(ECB\)](#) Foreign Exchange (FX) Rates are used to convert notional amounts to EUR. If the ECB's FX rates for the Monday after the reporting period could not be used, then the last accessible ECB rates are used.
- Export: links are provided for the last 10 weeks under the data table that users can click to export the data into a .csv file that will open in Excel.

AGGREGATE GROUPING METHODOLOGY

ICE Trade Vault Europe uses the same methodology for aggregate breakout in the three public reports:

Type of Execution Venue

- The aggregate values in each report are broken out by Type of Execution Venue using the following methodology
 - “OTC” (Over-the-Counter)
 - Table 2, Item 15 (Venue of execution) is populated with 'XXXX'.
 - “LISTED DERIVATIVES TRADED OFF EXCHANGE”
 - Table 2, Item 15 (Venue of execution) is populated with 'XOFF'.
 - “ETD” (Exchange-Traded Derivatives)
 - Table 2, Item 15 (Venue of execution) is populated with a Market Identifier Code (MIC) code that is listed in the MIFID database as a regulated market or multilateral trading facility; or any value other than XXXX or XOFF.

Asset Class

- The aggregate values in each report are broken out by Asset Class using the following methodology

○ “Commodities”	Table 2, Item 2 populated with CO
○ “Credit”	Table 2, Item 2 populated with CR
○ “Equities”	Table 2, Item 2 populated with EQ
○ “Interest Rates”	Table 2, Item 2 populated with IR
○ “Foreign Exchange”	Table 2, Item 2 populated with CU
○ “Other”	Table 2, Item 2 populated with any other value

Report Category

- The aggregate values in each report are broken out by category of report using the following methodology:
 - Single-Sided UK
 - One counterparty reports to ICE Trade Vault Europe, and the country code populated in Table 1, Item 5 is in the UK.
 - Single-Sided Non-UK
 - One counterparty reports to ICE Trade Vault Europe, and the country code populated in Table 1, Item 5 is not in the UK.
 - Dual-Sided
 - Both counterparties report to ICE Trade Vault Europe and both reports pair (i.e. have the same values for Table 1, Item 2, Table 1, Item 3 and Table 2, Item 12).

SPECIFIC REPORT DESCRIPTIONS

BREAKDOWN OF AGGREGATE OPEN POSITIONS

REPORTING PERIOD ENDING 05-NOV-2021

BREAKDOWN OF AGGREGATE OPEN POSITIONS BREAKDOWN OF AGGREGATE TRANSACTION VOLUMES BREAKDOWN OF AGGREGATE VALUES

Current

	OTC				ETD				LISTED DERIVATIVES TRADED OFF EXCHANGE			
	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL
The aggregate notional value for all outstanding trades as of 05-Nov-2021:												
Credit	567,540,349,734.73	714,623,614,787.63	0	1,282,163,964,522.36	157,453,104,383.11	277,856,036,839.67	0	435,309,141,222.78	8,273,003,297.16	13,312,882,742.39	0	21,585,886,039.55
Commodities	32,159,542,277.79	49,442,488,340.81	16,993,992,200.50	98,596,022,819.11	615,177,329,794.51	1,342,035,373,172.95	14,958,568,222.08	1,972,171,271,189.53	0	0	0	0
Equity	69,767,064.22	1,050,482,328.69	30,788.37	1,120,280,181.28	330,030,066,347.25	107,510,905,051.89	795,008,728.88	438,335,980,128.02	0	0	0	0
Foreign Exchange	4,804,521,379.33	137,480,445,477.21	359,287.43	142,285,326,143.98	76,147,976.05	116,722,290.47	0	192,870,266.52	0	0	0	0
Interest Rates	229,042,601.92	389,836,704.58	0	618,879,306.50	8,782,680,292,673.80	3,555,022,519,372.97	93,976,390,011.19	12,431,679,202,058.00	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Number of trades based on which the notional value is calculated:												
Credit	17,394	20,491	0	37,885	7,137	9,365	0	16,502	324	473	0	797
Commodities	9,408	14,320	3,073	26,801	104,950	256,925	3,357	365,232	0	0	0	0
Equity	6,083	18,905	22	25,010	38,688	15,808	4,631	59,127	0	0	0	0
Foreign Exchange	8,851	28,182	20	37,053	12	12	0	24	0	0	0	0
Interest Rates	3	6	0	9	15,996	9,182	308	25,496	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

All values shown in Euros. The European Central Bank's Foreign Exchange Reference Rates for 05-NOV-2021 used for conversion where necessary.

* Disclaimer: cleared OTC trades which have 4 legs and 4 UTIs are grouped with non-cleared OTC trades which have 1 UTI.

** Listed derivatives traded off exchange are those for which the Common Data Field 10 (Menu of execution) is populated with 'XOFF'. This classification is made solely for the purposes of aggregate public data and therefore might be different from the definition of OTC which is present in ESMA's CSAs.

Disclaimer: RTS 1512013 requires registered trade repositories to publish aggregate open positions, transaction volumes and values per derivative class. Please note that in accordance with TR Answer 17 of the EMIR Q&A, counterparties may report positions after bringing their transaction reports to a "suitable end of life state." Therefore, the notional value for all outstanding trades is representative of this process.

- This report includes two sections: the aggregation of the notional values as well as a count of “unique UTIs” for all trades that are outstanding as of the last day of the reporting period.
- Data is grouped by asset class, report category and execution venue type.
 - An outstanding trade is one in which a message with Action Type of “E” has not been processed and either Table 2, Field 28 (Termination Date) is on or after the last day of the report period or Termination Date is not populated and Table 2, Field 27 (Maturity Date) is on or after the last day of the report period.
 - Aggregate notional value for all outstanding trades is calculated by aggregating the absolute values in EUR of Table 2, Field 20 (Notional). Table 2, Field 9 (Notional Currency 1) is used to convert into EUR.
 - For dual-sided, the average of the absolute values are aggregated once.
 - Count of outstanding trades, on which the notional value is calculated, is calculated based on the number of unique values in Table 2, Item 12 (Trade ID).
 - For dual-sided, the Trade ID is aggregated once.

BREAKDOWN OF AGGREGATE TRANSACTION VOLUMES

REPORTING PERIOD ENDING 05-NOV-2021

BREAKDOWN OF AGGREGATE OPEN POSITIONS BREAKDOWN OF AGGREGATE TRANSACTION VOLUMES BREAKDOWN OF AGGREGATE VALUES

Current

BREAKDOWN OF AGGREGATE TRANSACTION VOLUMES REPORT												
OTC				ETD				LISTED DERIVATIVES TRADED OFF EXCHANGE				
SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL	
The sum of new trades reported during the relevant period 05-Nov-2021:												
Credit	972	951	0	1,923	1,175	965	0	2,140	76	100	0	176
Commodities	20,189	167,791	14	187,994	3,240,573	5,456,084	29,794	8,726,451	0	0	0	0
Equity	7,713	22,517	8	30,238	421,835	162,082	3,926	587,843	0	0	0	0
Foreign Exchange	12,656	51,527	36	64,219	7	23	0	30	0	0	0	0
Interest Rates	0	0	0	0	2,412,612	1,155,048	16,393	3,584,053	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
The notional value of the new trades reported during the relevant period:												
Credit	78,856,532,606.21	71,445,363,023.23	0	150,301,895,629.44	23,406,585,331.40	22,892,264,389.65	0	46,298,849,721.05	2,053,575,346.82	2,720,761,309.14	0	4,774,336,655.96
Commodities	4,235,233,495.94	1,801,696,065.42	27,378,893.21	6,064,308,454.57	667,855,173,922.01	1,104,664,936,251.68	7,742,306,660.86	1,780,262,416,834.55	0	0	0	0
Equity	229,206,494.97	978,703,954.45	89,278.97	1,207,999,728.39	92,229,036,964.75	31,915,623,870.01	647,835,276.55	124,792,496,111.31	0	0	0	0
Foreign Exchange	9,746,376,695.80	22,942,703,458.09	31,010,353.92	32,720,090,507.81	59,514,749.98	157,969,146.98	0	217,483,896.96	0	0	0	0
Interest Rates	0	0	0	0	4,215,520,508,603.40	1,959,238,626,630.49	24,681,672,005.55	6,199,440,807,239.44	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
The quantity (number of contracts) reported during the relevant period:												
Credit	972	951	0	1,923.00	1,175.00	965	0	2,140.00	76	100	0	176
Commodities	64,059,108.22	75,330,596.93	383,521.18	139,773,226.33	11,070,894.00	23,148,132.00	115,213.00	34,334,239.00	0	0	0	0
Equity	334,700.90	2,501,774.84	653	2,837,128.74	1,790,313.00	1,127,284.00	24,024.00	2,941,621.00	0	0	0	0
Foreign Exchange	209,663,181.00	944,590,639.20	967,000.00	1,155,220,820.20	7	40	0	47	0	0	0	0
Interest Rates	0	0	0	0	19,137,419.00	8,458,705.00	134,378.00	27,730,502.00	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

All values shown in Euros. The European Central Bank's Foreign Exchange Reference Rates for 05-Nov-2021 used for conversion where necessary.

05-Nov-2021

- This report reflects the notional values, transaction volumes, and count of trades as an aggregation of new trades (excluding position level reports) submitted to ICE Trade Vault Europe during the reporting period. Data is grouped by asset class, report category and execution venue type.
 - The count of new trades reported during the relevant period is calculated as the sum of all new unique UTIs reported to ICE Trade Vault Europe that week, including canceled trades, but excluding erred trades and position level reports.
 - New unique UTIs shall be those for which a message with Action Type N or P was successfully processed during the reporting period.
 - For dual-sided, the Trade ID is aggregated once.
 - The notional value of new trades reported during the relevant period is calculated by aggregating the absolute values in EUR reported in Table 2, Field 20 (Notional). Table 2, Field 9 (Notional Currency 1) is used to convert into EUR.
 - For dual-sided, the average of the absolute values are aggregated once.
 - The quantity (number of contracts) reported during the relevant period is calculated as the sum of the values reported in Table 2, Field 22 (Quantity).
 - For dual-sided, the average of the quantity values are aggregated once.

BREAKDOWN OF AGGREGATE VALUES

REPORTING PERIOD ENDING 05-NOV-2021

BREAKDOWN OF AGGREGATE OPEN POSITIONS BREAKDOWN OF AGGREGATE TRANSACTION VOLUMES **BREAKDOWN OF AGGREGATE VALUES**

Current

	BREAKDOWN OF AGGREGATE VALUES REPORT											
	OTC				ETD				LISTED DERIVATIVES TRADED OFF EXCHANGE			
	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL	SINGLE-SIDED UK	SINGLE-SIDED NON-UK	DUAL-SIDED	TOTAL
The aggregate notional value for all outstanding trades as of 05-Nov-2021:												
Credit	18,289,087,527.53	22,960,549,038.11	0	41,249,636,565.64	6,207,548,947.84	11,435,043,480.56	0	17,642,592,428.41	239,800,062.48	430,832,202.65	0	670,632,265.14
Commodities	209,022,141.36	16,886,665,625.85	4,217,380,406.69	21,313,068,173.90	12,377,214,425.56	40,823,254,581.00	346,525,438.11	53,546,994,444.67	0	0	0	0
Equity	112,163,407.87	607,666,408.58	2,660.01	719,832,476.46	14,163,157,549.03	5,246,695,943.42	14,643,621.49	19,424,497,113.94	0	0	0	0
Foreign Exchange	41,588,705.82	468,330,215.59	3,021.68	509,921,943.09	2,558,099.66	642,503.69	0	3,200,603.35	0	0	0	0
Interest Rates	0	21,769.60	0	21,769.60	8,704,276,984.23	2,757,136,772.76	192,577,306.40	11,653,991,063.40	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0

All values shown in Euros.

The European Central Bank's Foreign Exchange Reference Rates for 05-Nov-2021 used for conversion where necessary.

* For dual-sided trades where only one side reports valuation data, that valuation will be used. For dual-sided trades where both counterparties report valuation data, the average of the absolute values in EUR should be used.

05-Nov-2021

- This report provides the sum of the absolute values of the market values of all trades that are outstanding as of the last day of the reporting period. Data is grouped by asset class, report category and execution venue type.
 - An outstanding trade is one in which a message with Action Type of “E” has not been processed and either Table 2, Field 28 (Termination Date) is on or after the last day of the report period or Termination Date is not populated and Table 2, Field 27 (Maturity Date) is on or after the last day of the report period.
 - The sum of absolute market values for all outstanding trades is calculated as the sum of the absolute values in EUR of Table 1, Data Field 17 (Value of the contract). ICE Trade Vault Europe uses Table 1, Data Field 18 (Currency of the value) to to convert into EUR.
 - For dual-sided, the average of the absolute values is aggregated once.

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