

2010 CENTRAL BANK SURVEY OF FX AND DERIVATIVES MARKET ACTIVITY

VALIDITY EDITS FOR OUTSTANDING SURVEY

For all cells on all tables:

1. All values must be in positive numbers.
2. All values must be in whole numbers (no decimals).
3. Currencies with no reportable activity should be null.

Table 1: Foreign Exchange and Gold Contracts

1. For Outright Forwards and Foreign Exchange Swaps, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total row, across all columns.
2. For Currency Swaps, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total row, across all columns.
3. For OTC Options Sold, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total row, across all columns.
4. For OTC Options Bought, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total row, across all columns.
5. The sum of Total OTC Options Sold and Total OTC Options Bought for all columns must be +2/-2 million the amount reported in the Total OTC Options row, across all columns.
6. The sum of Total Currency Swaps, Total Other Products, and Total Including Gold for Outright Forwards and FX Swaps, OTC Options Sold, OTC Options Bought must be +5/-5 million the amount reported in the Total FX Contracts including Gold in the TOT column.

7. The sum of the Total Outright Forwards & FX Swaps, Total Currency Swaps, Total OTC Options, and Other Products must be +4/-4 million the amount reported in the Total FX Contracts row, across all columns.
8. The amount reported in Total Including Gold for Outright Forwards & FX Swaps should be equal to or greater than the amount reported in the Total Outright Forwards & FX Swaps row for the Total Column.
9. The amount reported in Total Including Gold for OTC Options Sold should be equal to or greater than the amount reported in the Total OTC Options Sold row for the Total Column.
10. The amount reported in Total Including Gold for OTC Options Bought should be equal to or greater than the amount reported in the Total OTC Options Bought row for the Total Column.

Table 2: Single-Currency Interest Rate Derivatives

1. For all rows, the sum across all currency columns must be less than or equal to the TOT column.
2. For Forward Rate Agreements, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total Forward Rate Agreements row, across all columns.
3. For Swaps, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total Swaps row, across all columns.
4. For OTC Options Sold, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total OTC Options Sold row, across all columns.
5. For OTC Options Bought, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total OTC Options Bought row, across all columns.
6. The sum of Total OTC Options Sold and Total OTC Options Bought must be +2/-2 million the amount reported on the Total OTC Options row, across all columns.

7. The sum of the Totals for each instrument type (Forward Rate Agreements, Swaps, and OTC Options) must be +3/-3 million the amount reported in the Total Interest Rate Contracts row, across all columns.
8. The sum of the Totals for each instrument type (Forward Rate Agreements, Swaps, and OTC Options), plus Other Products must be +4/-4 million the amount reported in the Total Interest Rate Contracts row in the TOT column.

Table 3: Equity, Commodity, Credit & “Other” Derivatives

1. For all rows, the sum across all region columns (US, Japanese, European, Latin America, Other Asian, and Other) must be +6/-6 million the amount reported in the Total column.
2. For Forwards and Swaps, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total Outright Forwards and Swaps row for the Equity-linked Derivatives, Credit Derivatives, and Total Other Derivatives columns.
3. For OTC Options Sold, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total OTC Options Sold row for the Equity-linked Derivatives, Credit Derivatives, and Total Other Derivatives columns.
4. For OTC Options Bought, the sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) must be +3/-3 million the amount reported in the Total OTC Options Bought row for the Equity-linked Derivatives, Credit Derivatives, and Total Other Derivatives columns.
5. The sum of Total OTC Options Sold and Total OTC Options Bought must be +2/-2 million the amount reported in the Total OTC Options row across all columns (US, Japanese, European, Latin America, Other Asian, Other, Total , Precious Metals, Other Commodities, Credit Derivatives, Other Derivatives).
6. The sum of the Totals for each instrument type (Forwards and Swaps, and OTC Options) must be +2/-2 million the amount reported in the Total Contracts row across all columns (US, Japanese, European,

Latin America, Other Asian, Other, Total, Precious Metals, Other Commodities, Credit Derivatives, Other Derivatives).

Table 4: Notional Amounts Outstanding of OTC Derivatives by Remaining Maturity

1. The sum of the counterparties (with reporting dealers, with other financial institutions, and with non-financial customers) for every column must be +3/-3 million the amount reported in each applicable risk category (Foreign Exchange Contracts, Interest Rate Contracts, and Equity Contracts).
2. The sum of each individual maturity (one year or less, over one year and up to five years, and over five years) that corresponds to each instrument type (Forwards and Swaps, OTC Options Sold and OTC Options Bought) must be +3/-3 million the amount reported in the corresponding maturity column for the Total.
3. The amount reported in the Total column for Foreign Exchange and Gold Contracts for each individual maturity (one year or less, over one year and up to five years, and over five years) must be equal to or greater than Total Foreign Exchange Contracts for each corresponding maturity.
4. For Forwards and Swaps, the combined sum of the maturities for Total Foreign Exchange Contracts must be +3/-3 million the sum of Total Outright Forwards and Swaps, and Total Currency Swaps as reported in the Total column on Table 1.
5. For OTC Options Sold, the combined sum of the maturities for Total Foreign Exchange Contracts must be +3/-3 million the amount reported in the Total OTC Options Sold row in the Total column on Table 1.
6. For OTC Options Bought, the combined sum of the maturities for Foreign Exchange Contracts must be +3/-3 million the amount reported in the Total OTC Options Bought row in the Total column on Table 1.
7. For Forwards and Swaps, the combined sum of the maturities for Total Interest Rate Contracts must be +3/-3 million the sum of Total Forward Rate Agreements, and Total Swaps, as reported in the Total column on Table 2.
8. For OTC Options Sold, the combined sum of the maturities for Total Interest Rate Contracts must be +3/-3 million the amount reported in the Total OTC Options Sold row in the Total column on Table 2.

9. For OTC Options Bought, the combined sum of the maturities for Interest Rate Contracts must be +3/-3 million the amount reported in the Total OTC Options Bought row in the Total column on Table 2.
10. For Forwards and Swaps, the combined sum of the maturities for Total Equity Contracts must be +3/-3 million the amount reported in the Total Forwards and Swaps row in the Total Equity-linked Derivatives column on Table 3.
11. For OTC Options Sold, the combined sum of the maturities for Total Equity Contracts must be +3/-3 million the amount reported in the Total OTC Options Sold row in the Total Equity-linked Derivatives column on Table 3.
12. For OTC Options Bought, the combined sum of the maturities for Equity Contracts must be +3/-3 million the amount reported in the Total OTC Options Bought row in the Total Equity-linked Derivatives column on Table 3.

Table 5: Credit Default Swaps

1. For Bought Single-name instruments, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total Bought Single-name instruments row.
2. For Sold Single-name instruments, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total for Sold Single-name instruments row.
3. For Bought Multi-name instruments, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total for Bought Multi-name instruments row.
4. For Sold Multi-name instruments, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total for Sold Multi-name instruments row.
5. The sum of Total Bought Single-name and Multi-name instruments must equal Total Bought CDS.
6. The sum of Total Sold Single-name and Multi-name instruments must equal Total Sold CDS.

7. For Bought Single-name instruments to Sovereigns, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total for Bought Single-name instruments to Sovereigns row.
8. For Sold Single-name instruments to Sovereigns, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total for Sold Single-name instruments to Sovereigns row.
9. For Bought Single-name instruments to Non-sovereigns, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total for Bought Single-name instruments to Non-sovereigns row.
10. For Sold Single-name instruments to Non-sovereigns, the sum of the counterparties (with reporting dealers, with central counterparties, with other financial institutions, and with non-financial institutions) must be +4/-4 million the amount reported in the Total for Sold Single-name instruments to Non-sovereigns row.
11. The sum of Bought Single-name instruments to Sovereigns and Non-sovereigns must be +2/-2 million the amount reported in the Total Bought Single-name instruments, for each row (with reporting dealers, with central counterparties, with other financial institutions, with non-financial institutions, and total).
12. The sum of Sold Single-name instruments to Sovereigns and Non-sovereigns must be +2/-2 million the amount reported in the Total Sold Single-name instruments, for each row (with reporting dealers, with central counterparties, with other financial institutions, with non-financial institutions, and total).