# Comparison of the Bundesbank's former survey of lending and deposit rates with the German MFI interest rate statistics (new business) 

The Bundesbank introduced its "Survey of lending and deposit rates" in 1967, just two months after government interest rate controls were lifted, as a means of observing the structure and the movement of interest rates in Germany. In the first few years data were reported quarterly; from 1975 reports were returned monthly. The survey included finally around 460 banks (excluding building and loan associations, including branch reports of some major banks) of various sizes from all categories of banks and all parts of Germany (focussing on regional banking centres). The survey captured new interest rate agreements concluded with the majority of the domestic non-bank customers within the two middle weeks of a month, including extensions of and changes to earlier agreements, without any weighting (except changes to previously agreed mortgage loan terms and conditions). The types of transactions chosen for this survey were mostly standardised types of transactions. Transactions deviating from the norm in their contractual design and for which special interest rates had therefore been agreed, were neglected. The average interest rates were calculated as unweighted means from the interest rates reported to be within the spread. The spread was ascertained by eliminating the highest $5 \%$ and the lowest $5 \%$ of the reported interest rates.

The Bundesbank's "Survey of lending and deposit rates", was discontinued at the end of June 2003. Germany now contributes its data to the harmonised MFI interest rate statistics, which was introduced in the euro area in January 2003. The results include data submitted by a representative sample of banks including building and loan associations (January 2003: 200 banks, from June 2010: 240 banks). The MFI interest rate statistics cover the interest rates applied by MFIs in Germany and the related volumes of eurodenominated deposits and loans to households and non-financial corporations domiciled in the euro-area. The household sector comprises individuals (including sole proprietors) and non-profit institutions serving households. This category includes, for example, churches, political parties, professional associations and research organisations, sport and leisure associations, trade unions and charitable organisations. Nonfinancial corporations include all enterprises (including partnerships) excluding insurance companies, banks and other financial institutions. For all types of loans and deposits, the reported effective interest rates are weighted with the respective lending or deposit volume and contain not only "market conditions" but also favourable interest rates granted by banks to employees and large customers, for instance. The reported volume-weighted average interest rates are used to calculate an overall average per category as an estimation for Germany. A weight is formed here using the volume of loans or deposits which is reported by each institution or which can be calculated from the outstanding amounts. New business covers all new agreements between households or non-financial corporations and the bank. This includes all financial
arrangements in which terms have been agreed for the first time in the reporting month as well as all newly negotiated (but extant) contracts.

Since the two sets of statistics differ in their methodology, the statistical results of both sources can be compared with each other only on a very restricted basis. The conceptual differences are explained in detail in the article "The new MFI interest rate statistics - methodology for collecting the German data", which was published in the Bundesbank's January 2004 Monthly Report (pages 45-59). In revising the MFI interest rate statistics, the main change was the introduction of numerous additional breakdowns for new lending business. An in-depth introduction of the changes to the survey framework and the sample, as well as initial results of the database (which was expanded with effect from June 2010), are contained in the June 2011 edition of the Bundesbank's Monthly Report in the article "Extended MFI interest rate statistics: methodology and first results" (pages 45-57).

However, it should be emphasised that the Bundesbank's former interest rate statistics included with a few exceptions (instalment credits, first mortgage loans secured by residential real estate, long-term fixed rate loans to enterprises and self-employed persons) nominal interest rates, whereas only effective interest rates are to be indicated in the MFI interest rate statistics. The effective interest rates are calculated either as "annual agreed rates" or as "narrowly defined effective rates", which cover interest payments but no other related costs (such as for enquiries, administration, preparation of documents and credit insurance). In addition, for the overarching categories of "consumer loans" and "housing loans" to households, the "annual percentage rate of charge", which comprises the total costs to the customer, is also to be reported.

From the reporting month December 2014 information on renegotiated loans is collected. In addition, the grossing-up method was changed according to the ECB (Guideline ECB/2014/15). The data published from June 2010 to May 2015 in the time series BBK01:SUD... were grossed-up again with the new method. The previous with the old grossing-up method until May 2015 calculated data are available in the time series BBK01:SUS...


The following overview compares financial instruments and corresponding interest rates which are available in both surveys. Statistical data for the indicated time series codes (eg SU0500; SUD123) are provided on the internet under the menu item "Statistics / Time series databases / Macro-economic time series".

| "Survey of lending and deposit rates" | MFI interest rate statistics <br> - New business - | Comments |
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| Current account credit <br> Only loans granted but not overdrafts and personal credit lines were included. In the case of current account credit, the debit interest rate was to be inserted, including a credit fee (net interest rate); if the interest rate was calculated in a fractional manner, the nominal interest rate was to be inserted, plus any fee to be paid for the amount drawn upon. The turnover fee and any other extra costs were not to be indicated. <br> SU0500: less than EUR 100,000 <br> (November 1996 to June 2003) <br> SU0001: EUR 100,000 and more but less than EUR 500,000 (June 1967 to June 2003) <br> SU0004: EUR 500,000 and more but less than EUR 2.5 million (June 1967 to June 2003) | Revolving loans and overdrafts to nonfinancial corporations <br> (up to May 2010 only overdrafts) <br> Credit fees for not utilised current account credit lines as well as commitment fees for granted but not yet utilised credit lines of loans are not included in the calculation of the annualised agreed rate (AAR) or the narrowly defined effective rate (NDER). <br> Volume-weighted average interest rates of outstanding amounts at the end of the month <br> SUD123: Revolving loans and overdrafts to non-financial corporations <br> SUD123: Revolving loans and overdrafts to non-financial corporations <br> SUD123: Revolving loans and overdrafts to non-financial corporations | Consideration: <br> Overdrafts to households also include current account credits to sole proprietors, because they are part of the "households-sector". (see also p 4: SUD112 - Revolving loans and overdrafts to households) <br> Revolving loans have all the following features 1. the borrower may use or withdraw the funds to a pre-approved credit limit without giving prior notice to the lender; <br> 2. the amount of available credit can increase and decrease as funds are borrowed and repaid; <br> 3. the loan may be used repeatedly; <br> 4. there is no obligation of regular repayment of funds. <br> Further time-series: <br> Volume-weighted average interest rates of outstanding amounts at the end of the month <br> SUD187: Revolving loans and overdrafts, credit card debt to non-financial corporations <br> (up to May 2010 only overdrafts) |
| Bills discounted <br> SU0007: refinanceable at the Bundesbank less than EUR 50,000 (June 1967 to June 2003) | Not collected. |  |
| Personal credit lines (overdraft facilities granted to individuals) <br> Interest rates payable on tolerated overdrafts were not taken into account. <br> SU0503: Personal credit lines (overdraft facilities granted to individuals) (November 1996 to June 2003) | Revolving loans and overdrafts to households (up to May 2010 only overdrafts) <br> Overdrafts are defined as debit balances on current accounts. They include all bank overdrafts regardless of whether they are within or beyond the limits agreed between customers and the bank. Penalties on overdrafts are only included if they are applied as an interest rate component and not as a component of other charges. (see also p 4: SUD123-Revolving loans and overdrafts to non-financial corporations) <br> Volume-weighted average interest rates of outstanding amounts at the end of the month <br> SUD112: Revolving loans and overdrafts to households | Consideration: <br> Revolving loans have all the following features 1. the borrower may use or withdraw the funds to a pre-approved credit limit without giving prior notice to the lender; <br> 2. the amount of available credit can increase and decrease as funds are borrowed and repaid; <br> 3. the loan may be used repeatedly; <br> 4. there is no obligation of regular repayment of funds. <br> Further time-series: <br> Volume-weighted average interest rates of outstanding amounts at the end of the month <br> SUD186: Revolving loans and overdrafts, credit card debt to households (up to May 2010 only overdrafts) <br> SUD132: Extended credit card debt to households (collected from June 2010) <br> Credit card debt: <br> Convenience credit is defined as the credit granted at an interest rate of $0 \%$ in the period between payment transactions effectuated with the card during one billing cycle and the date at which the debt balances from this specific billing cycle become due. <br> Extended credit is defined as the credit granted after the due date of the previous billing cycle has passed, i.e. debit amounts on the card account that have not been settled when this was first possible, for which an interest rate usually greater than $0 \%$ is charged. |


| "Survey of lending and deposit rates" | MFI interest rate statistics <br> - New business - | Comments |
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| Instalment credits <br> (EUR 5,000 and more but not more than EUR 15,000 with maturities between 36 months and 60 months) <br> Here, only interest rates were to be reported for such instalment credits which were to be redeemed according to a redemption plan agreed with the borrower from the outset, including the credit costs calculated in advance, at generally equal instalments paid at regular intervals. It did not matter here whether bills of exchange were drawn on the instalments. | Loans for consumption to households <br> Loans for consumption are defined as loans granted for the purpose of personal use in the consumption of goods and services. | Further information on loans for consumption to households (with initial rate fixation): <br> Effective interest rates excluding other charges <br> SUD113: floating rate and up to 1 year <br> SUD115: over 1 and up to 5 years <br> SUD130z: total <br> Effective interest rates including other charges <br> SUD130: total; annual percentage rate of charge |
| The effective annual interest rate was calculated on the basis of reported monthly rates and reported annual rates on the respective amount of debt as well as on the basis of the respective processing fee, taking into account the reported maturities. <br> SU0037: Monthly rate | Effective interest rates excluding other charges Not collected. | Information on collateralised loans for consumption (with initial rate fixation) is collected from June 2010: <br> For the purposes of the interest rate statistics, a loan is considered to be secured if collateral (among others financial collateral, real estate collateral, debt securities) in at least the same value as the loan amount has been posted, pledged or assigned. |
| SU0058: Effective annual interest rate (June 1986 to June 2003) | SUD114: with initial rate fixation of over 1 and up to 5 years | Effective interest rates excluding other charges <br> SUD155: floating rate and up to 1 year <br> SUD156: over 1 and up to 5 years <br> SUD157: over 5 years <br> SUD530: total |
|  |  | Information on renegotiated loans for consumption in new business is collected from December 2014: <br> Effective interest rates excluding other charges <br> SUD188: total |
|  |  | Loans for other purposes to households (with initial rate fixation): |
|  |  | For the purpose of these statistics, other loans are loans granted for other purposes such as business, debt consolidation, education etc. <br> Effective interest rates excluding other charges <br> SUD120: floating rate and up to 1 year <br> SUD121: over 1 and up to 5 years <br> SUD122: over 5 years <br> SUD120z: total |
|  |  | Information on loans for other purposes to sole proprietors (with initial rate fixation) is collected from June 2010: <br> Effective interest rates excluding other charges <br> SUD133: floating rate and up to 1 year <br> SUD134: over 1 and up to 5 years <br> SUD135: over 5 years |
|  |  | Information on renegotiated loans for other purposes to households in new business is collected from December 2014: <br> Effective interest rates excluding other charges <br> SUD190: total |


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| Mortgage loans secured by residential real estate <br> Data were collected on the terms of mortgage loans secured by first mortgages on residential real estate excluding transmitted loans, loans granted by building and loan associations, interim credits. <br> The calculation of the effective rate is based on an annual redemption rate of $1 \%$ plus interest saved; the repayment conditions agreed upon in each case by the banks involved are taken into account. The figures refer to the time when the contract was concluded and not to the entire duration of the contract. <br> Effective interest rates excluding other charges <br> with initial rate fixation: <br> SU0049: with variable interest rates (June 1982 to June 2003) <br> SU0040: with interest rates fixed for 2 years (June 1982 to June 2003) <br> SU0043: with interest rates fixed for 5 years (June 1982 to June 2003) <br> SU0046: with interest rates fixed for 10 years (June 1982 to June 2003) | Housing loans to households <br> Collected are secured and unsecured loans for home purchase, including building and home improvements; loans granted by building and loan associations and interim credits as well as transmitted loans granted by the reporting agents in their own name and for their own account also have to be included. <br> Effective interest rates excluding other charges <br> with initial rate fixation: <br> SUD116: floating rate and up to 1 year <br> SUD117: over 1 and up to 5 years <br> SUD117: over 1 and up to 5 years <br> SUD118: over 5 and up to 10 years | Further information on mortgage loans secured by residential real estate: <br> From June 1967 to May 1982 interest rates for all types of interest (SU0010) were collected. These data appear to have been based mainly on variable interest rate agreements. <br> Further information on housing loans to households (with initial rate fixation): <br> Effective interest rates excluding other charges <br> SUD119: over 10 years <br> SUD131z: total <br> Effective interest rates including other charges <br> SUD131: total; annual percentage rate of charge <br> Information on collateralised housing loans (with initial rate fixation) is collected from June 2010: <br> For the purposes of the interest rate statistics, a loan is considered to be secured if collateral (among others financial collateral, real estate collateral, debt securities) in at least the same value as the loan amount has been posted, pledged or assigned. <br> Effective interest rates excluding other charges <br> SUD158: floating rate and up to 1 year <br> SUD159: over 1 and up to 5 years <br> SUD160: over 5 and up to 10 years <br> SUD161: over 10 years <br> SUD531: total <br> Information on renegotiated housing loans in new business is collected from December 2014: <br> Effective interest rates excluding other charges <br> SUD189: total |



| "Survey of lending and deposit rates" | MFI interest rate statistics <br> - New business - | Comments |
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| Higher-yielding sight deposits of individuals <br> Only interest rates on retail sight deposits (belonging to private customers, meaning in this case employed persons) which were higher than the standard rates of the reporting institutions were to be taken into account. Included were accounts with and without payment transaction purpose. <br> SU0512: higher yielding sight deposits of individuals (November 1996 to June 2003) | Overnight deposits to households <br> Overnight deposits cover all overnight deposits, whether or not they are interest bearing as well as amounts loaded on to prepaid cards and prepaid amounts in the context of hardware-based or software-based e-money. <br> Volume-weighted average interest rates of outstanding amounts at the end of the month <br> SUD101: overnight deposits from households | Money market rates for overnight money: (monthly averages) <br> SU0101: Overnight money reported by Frankfurt banks (December 1959 to May 2012) <br> SU0304: EONIA (from January 1999) |
| Time deposits with agreed maturities <br> of 1 month <br> SU0061: less than EUR 50,000 <br> (June 1986 to June 2003) <br> SU0016: EUR 50,000 and more but less than <br> EUR 500,000 <br> (June 1967 to June 2003) <br> SU0019: EUR 500,000 and more but less than EUR 2.5 million <br> (June 1967 to June 2003) <br> of 3 months <br> SU0515: EUR 50,000 and more but less than EUR 500,000 (November 1996 to June 2003) | Deposits with agreed maturities <br> up to 1 year <br> SUD102: from households <br> SUD108: from non-financial corporations | Further information on deposits with agreed maturities in MFI interest rate statistics: <br> from households: <br> SUD103: over 1 and up to 2 years SUD104: over 2 years <br> from non-financial corporations: <br> SUD109: over 1 and up to 2 years <br> SUD110: over 2 years <br> Further information on shorter maturities: <br> Money market rates: <br> (monthly averages) <br> SU0104: 1-month funds reported by Frankfurt banks (December 1959 to May 2012) <br> SU0107: 3-month funds reported by Frankfurt banks (December 1959 to May 2012) <br> SU0310: EURIBOR 1-month funds (from January 1999) <br> SU0316: EURIBOR 3-month funds (from January 1999) |
| Bank savings bonds with regular interest payments and maturity of 4 years <br> SU0031: Bank savings bonds with regular interest payments and maturity of 4 years (May 1970 to June 2003) | Deposits with agreed maturity of over 2 years <br> SUD104: from households <br> SUD110: from non-financial corporations | Consideration: <br> SUD104 includes deposits under savings and loan contracts from building and loan associations |
| Savings deposits with agreed notice of 3 months with minimum rates of return (until June 1993 savings deposits at statutory notice) <br> These are savings deposits where only a minimum rate of return is paid but not a premium or bonus. <br> SU0022: with minimum rates of return (June 1967 to June 2003) | Deposits from households redeemable at notice of up to 3 months (including non-financial corporations deposits redeemable at notice of up to 3 months) <br> Fidelity and growth premia are included when they are granted. <br> Volume-weighted average interest rates of outstanding amounts at the end of the month <br> SUD105: Deposits redeemable at notice of up to 3 months | Consideration: <br> The inclusion of a wider range of different types of savings deposits had pushed the average interest rate in the MFI interest rate statistics (SUD105) 1½ percentage points higher during the overlapping period from January to June 2003 than that on the standard savings deposit component in the Bundesbank's former survey (SU0022). In addition, the category collected at the end of the month (SUD105) contained not only new business but also "old contracts" from past periods when interest rates were higher. |
| The term "standard savings rate" (Spareckzins) originally referred to the relevant interest rate which was regulated by the Deposit rates regulation abolished in 1967. <br> In the normal sense of the term, it was applied to the average interest rate paid on savings deposits at 3 months' notice (until June 1993 at statutory notice, since November 1996: with minimum rates of return) SU0022. |  |  |


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| rates" |\(\left.\quad \begin{array}{c}MFI interest rate statistics <br>

- New business -\end{array}\right]\)

