文件制／修訂履歷

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| 制／修訂  版次 | 制／修訂  日期 | 制／修訂  說明 | 作  者 | 核  准 | 備  註 |
| V0.0 | 2021/04/06 | 初版 | 林楷杰 |  |  |
| V1.1 | 2022/12/26 | 出版 | 林楷杰 |  |  |
| V2.0 | 2022/02/16 | 初版 | 林楷杰 |  |  |
| V2.1 | 2023/09/26 | 調整SQL語法 | 林楷杰 |  |  |

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| --- | --- | --- | --- |
| **報表代號** | LM003 | **報表名稱** | 撥款還款金額比較月報表 |
| **程式名稱** | 1. 前端：LM003.var 2. 電文定義檔：LM003.tim , LM003.tom , LM003\_OC.tom 3. 後端：LM003.java , LM003p.java , LM003Report.java , LM003ServiceImpl.java | | |
| **報表說明** | 產製撥款還款金額比較月報表 | | |
| **流程說明** | 交易選單  →L9報表作業  →3定期報表  →L9803 月報  →LM003 撥款還款金額比較月報表 | | |
| **批次產製方式** | 1. 批次週期: 2. 批次時間: | | |
| **檔案格式** | Excel | | |
| **是否須簽核** | 否 | | |

## Table

### LoanBorMain 放款主檔

### CustMain 客戶主檔

### MonthlyLoanBal 每月放款餘額檔

### FacMain 額度

### LoanBorTx 放款交易檔

### FacClose 清償作業檔

## 功能說明

### 【輸入參數】:

#### 年月區間:

* 年月: YYY/MM ~ YYY/MM
* 檢核:合理日期值，起迄年份相同(只產出同年份)，迄年月小於等於當前年月。

### 【進表條件】:

從LoanBorTx放款交易檔及MonthlyLoanBal每月放款餘額檔中，依據資料年月為輸入年月範圍內的資料。

### 【報表格式】:





### 【列印順序】:

依年月由小到大排序

### 【跳頁方式】:

無

### 【報表欄位】:

|  |  |  |
| --- | --- | --- |
| 欄位 | 資料來源 | 說明 |
| 報表首 | | |
| 標題 |  | YYY年MM月(輸入年月)個人房貸戶-撥款/還款金額比較月報表 |
| 機密等級 |  | 固定值:  密 |
| 單位 |  | 固定值:  億元 |
| 明細 | | |
| 期間 |  | 輸入年月區間中的各月 |
| 撥款(a) | LoanBorMain.DrawdownDate | 取年月 |
| 還款(b)-結清-利率高轉貸 | MonthlyLoanBal.LoanBalance | 依據清償代碼區分還款原因，優先以清償原因代碼[FacClose.CloseReasonCode]，否則以[FacMain.AdvanceCloseCode]提前清償原因代碼。  請至共用代碼檔查詢：  00:無 01:買賣 02:自行還清 03:軍功教勞工貸款轉貸 04:利率過高轉貸 05:增貸不准轉貸 06:額度內動支不准轉貸 07:內部代償 08:借新還舊 09:其他 10:買回 11:綁約期還款 |
| 還款(b)-結清-買賣 | MonthlyLoanBal.LoanBalance |
| 還款(b)-結清-自行還款等 | MonthlyLoanBal.LoanBalance |
| 還款(b)-結清-小計 |  | (還款(b)-結清-利率高轉貸) + (還款(b)-結清-買賣) + (還款(b)-結清-自行還款等) |
| 還款(b)-非結清-部分還款 | LoanBorTx.Principal | 交易別為L3200還款  或  L3420結案登陸且結案區分為0[正常] |
| 還款(b)-非結清-本金攤提 | LoanBorTx.Principal | 交易別為L3200且結案區分是NULL |
| 還款(b)-非結清-轉催收 | LoanBorTx.Principal | 交易別為L3420且結案區分為3[轉催收] |
| 還款(b)-非結清-小計 |  | (還款(b)-非結清-部分還款) + (還款(b)-非結清-本金攤提) + (還款(b)-非結清-小計) |
| 還款(b)-合計 |  | (還款(b)-結清-小計) +(還款(b)-非結清-小計) |
| 淨增減(c=a-b) |  | 撥款(a) – (還款(b)-合計) |
| 月底餘額 | MonthlyLoanBal.LoanBalance |  |
| YYY年合計 |  |  |
| YYY年月平均 |  |  |
| 頁尾 | | |
| 當月還款分佈% |  | 還款(b)各欄位 / 還款(b)-合計 |
| 備註1: |  | ●YYY年MM月(輸入年月)抵貸款總餘額：999.99億元 ●企金：999.99億元 ●房貸：999.99億元 |
| 備註2: |  | 固定值:  ●依報表：LN6361編製；撥款金額含催收回復，還款金額含轉催收。 |
| 備註3: |  | ●自行還款含內部代償、借新還舊、大額還款(1月~MM月(輸入月份)累積數9.99億)。 |
| 備註4: |  | ●MM月(輸入月份)實際還款數：99.99(帳載) - 99.99(內部轉帳) = 0億 |

### SQL語法

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| --- |
| WITH "TotalDrawdownAmt" AS (  SELECT  substr(lbm."DrawdownDate", 1, 6) "YearMonth"  , SUM(lbm."DrawdownAmt") "DrawdownAmt"  FROM  "LoanBorMain" lbm  LEFT JOIN "CustMain" cm ON cm."CustNo" = lbm."CustNo"  WHERE  lbm."RenewFlag" = 0  AND cm."EntCode" = 0  AND trunc(lbm."DrawdownDate" / 100) BETWEEN :YearMonthMin AND :YearMonthMax  GROUP BY  substr(lbm."DrawdownDate", 1, 6)  ), "TurnOvduAmt" AS (  SELECT  substr(lbtx."AcDate", 1, 6  ) "YearMonth"  , SUM("Principal") "NoCloseAmt3"  FROM  "LoanBorTx" lbtx  WHERE  lbtx."TitaTxCd" = 'L3420'  AND lbtx."TxDescCode" = '3423'  AND lbtx."TitaHCode" = 0  AND trunc(lbtx."AcDate" / 100) BETWEEN :YearMonthMin AND :YearMonthMax  GROUP BY  substr(lbtx."AcDate", 1  , 6  )  ), "NoCloseAmt" AS (  SELECT  "YearMonth"  , SUM(DECODE("Type", 'PartlyRepay', "TxAmt", 0)) AS "PartlyRepay"  , SUM(DECODE("Type", 'Tenty', "TxAmt", 0)) AS "Tenty"  FROM  (  SELECT  substr(lbtx."AcDate", 1, 6) "YearMonth"  , CASE  WHEN lbtx."TitaTxCd" IN (  'L3200'  )  AND lbtx."TxDescCode" <> 3203 THEN  'Tenty'  WHEN lbtx."TitaTxCd" = 'L3200'  THEN 'PartlyRepay'  ELSE  '其他'  END AS "Type"  , lbtx."Principal" "TxAmt"  FROM  "LoanBorTx" lbtx  LEFT JOIN "LoanBorMain" lbm ON lbm."CustNo" = lbtx."CustNo"  AND lbm."FacmNo" = lbtx."FacmNo"  AND lbm."BormNo" = lbtx."BormNo"  LEFT JOIN "MonthlyLoanBal" mlb ON mlb."CustNo" = lbtx."CustNo"  AND mlb."FacmNo" = lbtx."FacmNo"  AND mlb."BormNo" = lbtx."BormNo"  AND mlb."YearMonth" = substr(lbtx."AcDate", 1, 6)  LEFT JOIN "CustMain" cm ON cm."CustNo" = lbtx."CustNo"  WHERE  trunc(lbtx."AcDate" / 100) BETWEEN :YearMonthMin AND :YearMonthMax  AND lbtx."TitaHCode" = 0  AND mlb."LoanBalance" > 0  AND lbm."Status" IN (  0  , 3  )  AND Cm."EntCode" = 0  )  GROUP BY  "YearMonth"  ), "CloseAmt" AS (  SELECT  "YearMonth"  , SUM(DECODE("Type", 'CloseAmt2', "TxAmt", 0))  + SUM(DECODE("Type", 'CloseAmt11', "TxAmt", 0))  + SUM(DECODE("Type", 'CloseAmt12' , "TxAmt", 0)) AS "CloseAmt2" -- --自行還款(2+11+12)  , SUM(DECODE("Type", 'CloseAmt1', "TxAmt", 0)) AS "CloseAmt1" -- --買賣(1)  , SUM(DECODE("Type", 'CloseAmt3', "TxAmt", 0)) + SUM(DECODE("Type", 'CloseAmt4', "TxAmt", 0)) AS "CloseAmt4" -- --利率高轉貸(3+4)  , SUM(DECODE("Type", 'CloseAmt5', "TxAmt", 0)) + SUM(DECODE("Type", 'CloseAmt6', "TxAmt", 0)) AS "CloseAmt5" -- --增貸不准(5+6)  , SUM(DECODE("Type", 'CloseAmt7', "TxAmt", 0)) AS "CloseAmt7" -- --內部代償  , SUM(DECODE("Type", 'CloseAmt8', "TxAmt", 0)) AS "CloseAmt8" -- --借新還舊  , SUM(DECODE("Type", 'CloseAmt9', "TxAmt", 0)) + SUM(DECODE("Type", 'CloseAmt14', "TxAmt", 0)) AS "CloseAmt9" -- --其他(9+14)  FROM  (  -- LN6361個金還款金額 - 利率高轉貸 - 軍公教轉貸 - 買賣 - 增貸不准 - 動支不准 - 自行還款 - 綁約期還款 - 不滿服務 - 身亡- 其他 - 部份還款 - 本金攤提  SELECT  mlb."YearMonth"  , CASE  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 0 THEN  'CloseAmt0'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 1 THEN  'CloseAmt1'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 2 THEN  'CloseAmt2'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 3 THEN  'CloseAmt3'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 4 THEN  'CloseAmt4'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 5 THEN  'CloseAmt5'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 6 THEN  'CloseAmt6'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 7 THEN  'CloseAmt7'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 8 THEN  'CloseAmt8'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 9 THEN  'CloseAmt9'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 11 THEN  'CloseAmt11'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 12 THEN  'CloseAmt12'  WHEN nvl(fc."CloseReasonCode", fm."AdvanceCloseCode") = 14 THEN  'CloseAmt14'  ELSE  'CloseElse'  END AS "Type"  , mlblast."LoanBalance" AS "TxAmt"  FROM  "MonthlyLoanBal" mlb  LEFT JOIN "FacMain" fm ON fm."CustNo" = mlb."CustNo"  AND fm."FacmNo" = mlb."FacmNo"  LEFT JOIN "LoanBorMain" lbm ON lbm."CustNo" = mlb."CustNo"  AND lbm."FacmNo" = mlb."FacmNo"  AND lbm."BormNo" = mlb."BormNo"  LEFT JOIN (  SELECT  "CustNo"  , "FacmNo"  , "BormNo"  , "TxAmt"  , "TempAmt"  , "TitaTxCd"  , "TxDescCode"  , "AcDate"  , "EntryDate"  , ROW\_NUMBER() OVER(  PARTITION BY "CustNo", "FacmNo", "BormNo", substr("EntryDate", 1, 6)  ORDER BY  "EntryDate" DESC  ) "Seq"  FROM  "LoanBorTx"  WHERE  nvl(JSON\_VALUE("OtherFields", '$.CaseCloseCode'), 999) = 0  AND substr("AcDate", 1, 6) BETWEEN :YearMonthMin AND :YearMonthMax  ) lbtx ON lbtx."Seq" = 1  AND lbtx."CustNo" = mlb."CustNo"  AND lbtx."FacmNo" = mlb."FacmNo"  AND lbtx."BormNo" = mlb."BormNo"  AND substr(lbtx."AcDate", 1, 6) = mlb."YearMonth"  LEFT JOIN "FacClose" fc ON fc."CustNo" = mlb."CustNo"  AND ( fc."FacmNo" = 0  OR fc."FacmNo" = mlb."FacmNo" )  AND fc."CloseDate" = lbtx."EntryDate"  LEFT JOIN "MonthlyLoanBal" mlblast ON floor(months\_between(TO\_DATE(mlb."YearMonth", 'YYYYMM'), TO\_DATE(mlblast."YearMonth"  , 'YYYYMM'))) = 1  AND mlblast."CustNo" = mlb."CustNo"  AND mlblast."FacmNo" = mlb."FacmNo"  AND mlblast."BormNo" = mlb."BormNo"  WHERE  mlb."EntCode" = 0  AND lbm."RenewFlag" = 0  AND lbm."Status" IN (  0  , 3  )  AND lbtx."CustNo" IS NOT NULL  AND mlb."YearMonth" BETWEEN :YearMonthMin AND :YearMonthMax  )  GROUP BY  "YearMonth"  ), "EOMBalanceByEntCode" AS (  SELECT  mlb."YearMonth"  , SUM(DECODE(mlb."EntCode", 0, mlb."LoanBalance", 0)) "Ent0Amt"  , SUM(DECODE(mlb."EntCode", 0, 0, mlb."LoanBalance")) "Ent1Amt"  FROM  "MonthlyLoanBal" mlb  WHERE  mlb."YearMonth" BETWEEN :YearMonthMin AND :YearMonthMax  AND mlb."LoanBalance" > 0  AND mlb."AcctCode" IN (  '310'  , '320'  , '330'  , '340'  )  GROUP BY  mlb."YearMonth"  ), "NaturalDrawdownAmtYearly" AS (  SELECT  substr(lbm."DrawdownDate", 1, 4) "DrawdownYear"  , SUM(lbm."DrawdownAmt") "TxAmt"  FROM  "LoanBorMain" lbm  LEFT JOIN "CustMain" cm ON cm."CustNo" = lbm."CustNo"  WHERE  cm."EntCode" = 2  AND lbm."RenewFlag" = 0  GROUP BY  substr(lbm."DrawdownDate", 1, 4)  ), "LastEOMBalanceByEntCode" AS (  SELECT  mlb."YearMonth"  , TO\_CHAR(add\_months(TO\_DATE(mlb."YearMonth" || '01', 'yyyymmdd'), 1), 'yyyymm') AS "tYearMonth"  , SUM(DECODE(mlb."EntCode", 1, 0, mlb."LoanBalance")) "Ent0Amt"  , SUM(DECODE(mlb."EntCode", 1, mlb."LoanBalance", 0)) "Ent1Amt"  FROM  "MonthlyLoanBal" mlb  WHERE  mlb."YearMonth" BETWEEN :lYearMonthMin AND :lYearMonthMax  AND mlb."LoanBalance" > 0  AND mlb."AcctCode" IN (  '310'  , '320'  , '330'  , '340'  )  AND mlb."EntCode" <> 2  GROUP BY  mlb."YearMonth"  , TO\_CHAR(add\_months(TO\_DATE(mlb."YearMonth" || '01', 'yyyymmdd'), 1), 'yyyymm')  ), "990BalanceByEntCode" AS (  SELECT  mlb."YearMonth"  , SUM(DECODE(mlb."EntCode", 1, 0, mlb."LoanBalance")) "Ent0Amt"  , SUM(DECODE(mlb."EntCode", 1, mlb."LoanBalance", 0)) "Ent1Amt"  FROM  "MonthlyLoanBal" mlb  WHERE  mlb."YearMonth" BETWEEN :YearMonthMin AND :YearMonthMax  AND mlb."LoanBalance" > 0  AND mlb."AcctCode" IN (  990  )  AND mlb."EntCode" <> 2  GROUP BY  mlb."YearMonth"  ), "EntPersonPartlyRepay" AS (  SELECT  substr(lbtx."AcDate", 1, 6) "YearMonth"  , 'EntPersonPartlyRepay' AS "Type"  , SUM(lbtx."Principal") "EntPersonPartlyRepay"  FROM  "LoanBorTx" lbtx  LEFT JOIN "CustMain" cm ON cm."CustNo" = lbtx."CustNo"  WHERE  trunc(lbtx."AcDate" / 100) BETWEEN :YearMonthMin AND :YearMonthMax  AND lbtx."TitaHCode" = 0  AND cm."EntCode" IN (  2  )  AND lbtx."TitaTxCd" = 'L3200'  GROUP BY  substr(lbtx."AcDate", 1, 6)  ), "OutputYearMonth" AS (  SELECT  TO\_CHAR(add\_months(TO\_DATE(:YearMonthMin, 'YYYYMM'), level - 1), 'YYYYMM') "YearMonth"  FROM  dual  CONNECT BY  level <= ceil(months\_between(TO\_DATE(:YearMonthMax, 'YYYYMM'), TO\_DATE(:YearMonthMin, 'YYYYMM'))) + 1  )  SELECT  "YearMonth"  , "DrawdownAmt"  , "CloseAmtSeq1"  , "CloseAmtSeq2"  , "RepayTotal"  - "CloseAmtSeq1"  - "CloseAmtSeq2"  - "NoCloseAmtSeq1"  - "NoCloseAmtSeq2" AS "CloseAmtSeq3"  -- --CloseAmtSeq3(自行還款等) = (期初餘額-期末餘額-轉催收) - (利率高轉貸+軍公教) - (買賣) - (部分還款)-(本金攤提)  , "NoCloseAmtSeq1"  , "NoCloseAmtSeq2"  , "NoCloseAmtSeq3"  , "RepayTotal"  + "NoCloseAmtSeq3" AS "RepayTotal"  , "Ent0Amt"  , "Ent1Amt"  , "Ent0Amt"  + "Ent1Amt" AS "EntTotalAmt"  , "RepayTotal"  - "CloseAmtSeq1"  - "CloseAmtSeq2"  - "CloseAmt5"  - "CloseAmt2"  - "CloseAmt9"  - "NoCloseAmtSeq1"  - "NoCloseAmtSeq2" AS "CloseAmt7"  -- CloseAmt7(內部代償?)=(期初餘額-期末餘額+撥款-轉催收) - (利率高轉貸+軍公教) - (買賣) - (增貸不准+動支不准) -  -- (自行還款+綁約期還款+不滿意服務) -(身亡)-(其他)-(部分還款)-(本金攤提)  , "EntPerAmt"  FROM  (  SELECT  m."YearMonth" AS "YearMonth"  , round(nvl(drawdownamt."DrawdownAmt", 0) / 100000000, 2) AS "DrawdownAmt" -- --撥款  , round(nvl(closeamt."CloseAmt4", 0) / 100000000, 2) AS "CloseAmtSeq1" -- --利率高轉貸(3+4)  , round(nvl(closeamt."CloseAmt1", 0) / 100000000, 2) AS "CloseAmtSeq2" -- --買賣  , round(nvl(closeamt."CloseAmt5", 0) / 100000000, 2) AS "CloseAmt5" -- --增貸不准(5+6)  , round(nvl(closeamt."CloseAmt8", 0) / 100000000, 2) AS "CloseAmt8" -- --身亡  , round(nvl(closeamt."CloseAmt9", 0) / 100000000, 2) AS "CloseAmt9" -- --其他  , round(nvl(closeamt."CloseAmt2", 0) / 100000000, 2) AS "CloseAmt2" -- --自行還款(2+11+12)  , round(nvl(nocloseamt."PartlyRepay", 0) / 100000000, 2) AS "NoCloseAmtSeq1" -- --部分還款  , round(nvl(nocloseamt."Tenty", 0) / 100000000, 2) AS "NoCloseAmtSeq2" -- --本金攤提  , round(nvl(turnovduamt."NoCloseAmt3", 0) / 100000000, 2) AS "NoCloseAmtSeq3" -- --轉催收  , round(nvl(eombalancebyentcode."Ent0Amt", 0) / 100000000, 2) AS "Ent0Amt" -- --期末餘額(個)  , round(nvl(eombalancebyentcode."Ent1Amt", 0) / 100000000, 2) AS "Ent1Amt" -- --期末餘額(企)  , round(nvl(lasteombalancebyentcode."Ent0Amt", 0) / 100000000, 2) AS "LastEnt0Amt" -- --期初餘額(個)  , round(nvl(lasteombalancebyentcode."Ent1Amt", 0) / 100000000, 2) AS "LastEnt1Amt" -- --期初餘額(企)  , round(nvl(ovduamt."Ent0Amt", 0) / 100000000, 2) AS "Ent0OvduAmt" -- --催收(個)  , round(nvl(ovduamt."Ent1Amt", 0) / 100000000, 2) AS "Ent1OvduAmt" -- --催收(企)  , round(nvl(er."EntPersonPartlyRepay", 0) / 100000000, 2) AS "EntPerAmt" -- --企金自然人  , round((nvl(lasteombalancebyentcode."Ent0Amt", 0)  - nvl(eombalancebyentcode."Ent0Amt", 0)  + nvl(drawdownamt."DrawdownAmt", 0)  - nvl(turnovduamt."NoCloseAmt3", 0)) / 100000000, 2) AS "RepayTotal" -- 合計(不含轉催收)  FROM  "OutputYearMonth" m  LEFT JOIN "TotalDrawdownAmt" drawdownamt ON drawdownamt."YearMonth" = m."YearMonth"  LEFT JOIN "CloseAmt" closeamt ON closeamt."YearMonth" = m."YearMonth"  LEFT JOIN "NoCloseAmt" nocloseamt ON nocloseamt."YearMonth" = m."YearMonth"  LEFT JOIN "TurnOvduAmt" turnovduamt ON turnovduamt."YearMonth" = m."YearMonth"  LEFT JOIN "EOMBalanceByEntCode" eombalancebyentcode ON eombalancebyentcode."YearMonth" = m."YearMonth"  LEFT JOIN "LastEOMBalanceByEntCode" lasteombalancebyentcode ON lasteombalancebyentcode."tYearMonth" = m."YearMonth"  LEFT JOIN "990BalanceByEntCode" ovduamt ON ovduamt."YearMonth" = m."YearMonth"  LEFT JOIN "EntPersonPartlyRepay" er ON er."YearMonth" = m."YearMonth"  )  ORDER BY  "YearMonth" |

### 【樣張底稿】:

 (樣張為此檔第七頁)