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 |  |  |

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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** | PDF | | |
| **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

### FacClode 清償作業檔

## 功能說明

### 【輸入參數】:

#### 年月區間:

* 年月: YYYMM ~ YYYMM
* 檢核:合理日期值,且<=當月

### 【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：99.99億元 ●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) - 9.99(內部轉帳) - 99.99(企金件以自然人申貸還款) = 99.99億 |

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| // 撥款金額  WITH \"TotalDrawdownAmt\" AS (  SELECT SUBSTR(lbm.\"DrawdownDate\", 1, 6) \"YearMonth\"  ,SUM(lbm.\"DrawdownAmt\") \"Total\"  FROM \"LoanBorMain\" lbm  LEFT JOIN \"CustMain\" cm ON cm.\"CustNo\" = lbm.\"CustNo\"  WHERE lbm.\"RenewFlag\" = 'N'  AND cm.\"EntCode\" != 1  GROUP BY SUBSTR(lbm.\"DrawdownDate\", 1, 6)  )  // 結清三種  // 算法是取上月MonthlyLoanBal餘額，因為根據LoanBorTx來查，存在這種情況：結案交易以外同一天同撥款有一般回收的交易  // 但在樣張上的金額，單取結案交易金額不會對，與這些交易加起來才相符，因此以放款交易檔回溯出金額較困難  // 舊有資料也不一定有清償金額，譬如有已提前清償但清償檔沒有資料的額度這種資料  // 最後以折衷方式，只要有清償原因或提前清償原因，且本月餘額為0，就抓上月的餘額來帶入結清金額  // 實際上原程式也是以類似的方式處理（額度月累積檔）  // 此算法金額與在買賣、高轉貸項目與樣張相符  // 但「自行還款等」類有差異  // 此方法有問題是，現行系統沒有每個月的提前清償原因狀況  // 所以一旦額度主檔有提前清償原因，而清償檔沒有資料  // 歷史資料的金額會錯誤  , \"CloseAmt\" AS (  SELECT mlb.\"YearMonth\"  ,SUM(DECODE(NVL(fc.\"CloseReasonCode\", fm.\"AdvanceCloseCode\"), 4, mlbLast.\"LoanBalance\", 0)) \"CloseAmt4\"  ,SUM(DECODE(NVL(fc.\"CloseReasonCode\", fm.\"AdvanceCloseCode\"), 1, mlbLast.\"LoanBalance\", 0)) \"CloseAmt1\"  ,SUM(DECODE(NVL(fc.\"CloseReasonCode\", fm.\"AdvanceCloseCode\"), 1, 0, 4, 0, 0, 0, mlbLast.\"LoanBalance\")) \"CloseAmtOthers\"  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\"  ,\"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\", '$.CaseCloseCode'), 999) = 0  AND SUBSTR(\"EntryDate\", 1, 6) BETWEEN :yearMonthMin AND :yearMonthMax  ) lbtx ON lbtx.\"Seq\" = 1  AND lbtx.\"CustNo\" = mlb.\"CustNo\"  AND lbtx.\"FacmNo\" = mlb.\"FacmNo\"  AND lbtx.\"BormNo\" = mlb.\"BormNo\"  AND SUBSTR(lbtx.\"EntryDate\", 1, 6) = mlb.\"YearMonth\"  LEFT JOIN \"FacClose\" fc ON fc.\"CustNo\" = mlb.\"CustNo\"  AND (fc.\"FacmNo\" = 0 OR fc.\"FacmNo\" = mlb.\"FacmNo\")  AND fc.\"CloseDate\" = lbtx.\"EntryDate\"  LEFT JOIN \"MonthlyLoanBal\" mlbLast ON FLOOR(MONTHS\_BETWEEN(TO\_DATE(mlb.\"YearMonth\", 'YYYYMM'), TO\_DATE(mlbLast.\"YearMonth\", 'YYYYMM'))) = 1  AND mlbLast.\"CustNo\" = mlb.\"CustNo\"  AND mlbLast.\"FacmNo\" = mlb.\"FacmNo\"  AND mlbLast.\"BormNo\" = mlb.\"BormNo\"  WHERE mlb.\"EntCode\" != 1  AND lbm.\"RenewFlag\" = 'N'  AND lbm.\"Status\" IN (0,3)  AND lbtx.\"CustNo\" is not null  AND mlb.\"YearMonth\" BETWEEN :yearMonthMin AND :yearMonthMax  GROUP BY mlb.\"YearMonth\"  ORDER BY mlb.\"YearMonth\"  )    // 轉催收  , \"TurnOvdu\" AS (  SELECT SUBSTR(lbtx.\"AcDate\", 1, 6) \"YearMonth\"  ,SUM(\"Principal\") \"Total\"  FROM \"LoanBorTx\" lbtx  WHERE lbtx.\"TitaTxCd\" = 'L3420'  AND lbtx.\"TitaHCode\" = 0  AND JSON\_VALUE(lbtx.\"OtherFields\", '$.CaseCloseCode') = 3  GROUP BY SUBSTR(lbtx.\"AcDate\", 1, 6)  )    // 部分還本  , \"PartlyRepay\" AS (  SELECT SUBSTR(lbtx.\"AcDate\", 1, 6) \"YearMonth\"  ,SUM(CASE lbtx.\"TitaTxCd\"  WHEN 'L3200'  THEN lbtx.\"ExtraRepay\"  WHEN 'L3420'  THEN lbtx.\"Principal\" - lbtx.\"ExtraRepay\"  ELSE 0 END) \"Total\"  FROM \"LoanBorTx\" lbtx  LEFT JOIN \"LoanBorMain\" lbm ON lbm.\"CustNo\" = lbtx.\"CustNo\"  AND lbm.\"FacmNo\" = lbtx.\"FacmNo\"  AND lbm.\"BormNo\" = lbtx.\"BormNo\"  LEFT JOIN \"MonthlyFacBal\" mfb ON mfb.\"CustNo\" = lbtx.\"CustNo\"  AND mfb.\"FacmNo\" = lbtx.\"FacmNo\"  AND mfb.\"YearMonth\" = SUBSTR(lbtx.\"AcDate\", 1, 6)  LEFT JOIN \"CustMain\" cm ON cm.\"CustNo\" = lbtx.\"CustNo\"  WHERE lbtx.\"AcDate\" BETWEEN :yearMonthMin || '01' AND :yearMonthMax || '31'  AND lbtx.\"TitaHCode\" = 0  AND ((lbtx.\"TitaTxCd\" = 'L3200')  OR  ( lbtx.\"TitaTxCd\" = 'L3420'  AND JSON\_VALUE(lbtx.\"OtherFields\", '$.CaseCloseCode') = 0  )  )  AND mfb.\"PrinBalance\" > 0  AND lbm.\"Status\" = 0  AND cm.\"EntCode\" != 1  GROUP BY SUBSTR(lbtx.\"AcDate\", 1, 6)  )    // 本金攤提  , \"Tenty\" AS (  SELECT SUBSTR(lbtx.\"EntryDate\", 1, 6) \"YearMonth\"  ,SUM(lbtx.\"Principal\") \"Total\"  FROM \"LoanBorTx\" lbtx  LEFT JOIN \"LoanBorMain\" lbm ON lbm.\"CustNo\" = lbtx.\"CustNo\"  AND lbm.\"FacmNo\" = lbtx.\"FacmNo\"  AND lbm.\"BormNo\" = lbtx.\"BormNo\"  LEFT JOIN \"MonthlyLoanBal\" mlb ON mlb.\"CustNo\" = lbtx.\"CustNo\"  AND mlb.\"FacmNo\" = lbtx.\"FacmNo\"  AND mlb.\"BormNo\" = lbtx.\"BormNo\"  AND mlb.\"YearMonth\" = SUBSTR(lbtx.\"EntryDate\", 1, 6)  LEFT JOIN \"CustMain\" cm ON cm.\"CustNo\" = lbtx.\"CustNo\"  WHERE lbtx.\"EntryDate\" BETWEEN :yearMonthMin || '01' AND :yearMonthMax || '31'  AND lbtx.\"TitaTxCd\" = 'L3200'  AND lbtx.\"TitaHCode\" = 0  AND mlb.\"LoanBalance\" > 0  AND lbm.\"Status\" = 0  AND cm.\"EntCode\" != 1  AND JSON\_VALUE(lbtx.\"OtherFields\", '$.CaseCloseCode') is null  GROUP BY SUBSTR(lbtx.\"EntryDate\", 1, 6)  ORDER BY \"YearMonth\"  )  // 企金別月底餘額  , \"EOMBalanceByEntCode\" AS (  SELECT MLB.\"YearMonth\"  ,SUM(DECODE(MLB.\"EntCode\", 1, MLB.\"LoanBalance\", 0)) \"TotalEnterprise\"  ,SUM(DECODE(MLB.\"EntCode\", 1, 0, MLB.\"LoanBalance\")) \"TotalNatural\"  FROM \"MonthlyLoanBal\" MLB  LEFT JOIN \"LoanBorMain\" LBM ON LBM.\"CustNo\" = MLB.\"CustNo\"  AND LBM.\"FacmNo\" = MLB.\"FacmNo\"  AND LBM.\"BormNo\" = MLB.\"BormNo\"  WHERE MLB.\"YearMonth\" BETWEEN :yearMonthMin AND :yearMonthMax  AND MLB.\"LoanBalance\" > 0  AND LBM.\"Status\" = 0  GROUP BY MLB.\"YearMonth\"  )  // 自然人全年申貸撥款額  , \"NaturalDrawdownAmtYearly\" AS (  SELECT SUBSTR(lbm.\"DrawdownDate\", 1, 4) \"DrawdownYear\"  ,SUM(lbm.\"DrawdownAmt\") \"Total\"  FROM \"LoanBorMain\" lbm  LEFT JOIN \"CustMain\" cm ON cm.\"CustNo\" = lbm.\"CustNo\"  WHERE cm.\"EntCode\" = 2  AND lbm.\"RenewFlag\" = 'N'  GROUP BY SUBSTR(lbm.\"DrawdownDate\", 1, 4)  )  , \"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 S1.\"YearMonth\" \"YearMonth\" // F0 年月  ,NVL(S2.\"Total\", 0) \"TotalDrawdownAmt\" // F1 撥款金額  ,NVL(S3.\"CloseAmt4\", 0) \"CloseAmtA\" // F2 結清：利率高轉貸  ,NVL(S3.\"CloseAmt1\", 0) \"CloseAmtB\" // F3 結清：買賣  ,NVL(S3.\"CloseAmtOthers\", 0) \"CloseAmtC\" // F4 結清：自行還款等  , NVL(S3.\"CloseAmt4\", 0)  + NVL(S3.\"CloseAmt1\", 0)  + NVL(S3.\"CloseAmtOthers\", 0) \"CloseAmtSum\" // F5 結清小計  ,NVL(S4.\"Total\", 0) \"PartlyRepay\" // F6 非結清：部分還本  ,NVL(S5.\"Total\", 0) \"Tenty\" // F7 非結清：本金攤提  ,NVL(S6.\"Total\", 0) \"TurnOvdu\" // F8 非結清：轉催收  , NVL(S4.\"Total\", 0)  + NVL(S5.\"Total\", 0)  + NVL(S6.\"Total\", 0) \"NotClosedSum\" // F9 非結清小計  , NVL(S3.\"CloseAmt4\", 0)  + NVL(S3.\"CloseAmt1\" , 0)  + NVL(S3.\"CloseAmtOthers\", 0)  + NVL(S4.\"Total\", 0)  + NVL(S5.\"Total\", 0)  + NVL(S6.\"Total\", 0) \"RepayTotal\" // F10 結清與非結清合計  ,NVL(S8.\"TotalNatural\", 0) \"EOMBalance\" // F11 月底餘額  ,NVL(S8.\"TotalEnterprise\", 0) \"EOMBalanceEnt\" // F12 企金月底餘額  ,NVL(S8.\"TotalNatural\", 0) \"EOMBalanceNat\" // F13 自然人月底餘額  ,NVL(S9.\"Total\", 0) \"NatDrawdownYearly\" // F14 全年度自然人申貸撥款  ,0 \"Internal\" // F15 內部轉帳（預宣告；尚不清楚算法）  , NVL(S2.\"Total\", 0)  - NVL(S3.\"CloseAmt4\", 0)  - NVL(S3.\"CloseAmt1\" , 0)  - NVL(S3.\"CloseAmtOthers\", 0)  - NVL(S4.\"Total\", 0)  - NVL(S5.\"Total\", 0)  - NVL(S6.\"Total\", 0) \"Net\" // F16 淨增減  FROM \"OutputYearMonth\" S1  LEFT JOIN \"TotalDrawdownAmt\" S2 ON S2.\"YearMonth\" = S1.\"YearMonth\"  LEFT JOIN \"CloseAmt\" S3 ON S3.\"YearMonth\" = S1.\"YearMonth\"  LEFT JOIN \"PartlyRepay\" S4 ON S4.\"YearMonth\" = S1.\"YearMonth\"  LEFT JOIN \"Tenty\" S5 ON S5.\"YearMonth\" = S1.\"YearMonth\"  LEFT JOIN \"TurnOvdu\" S6 ON S6.\"YearMonth\" = S1.\"YearMonth\"  LEFT JOIN \"EOMBalanceByEntCode\" S8 ON S8.\"YearMonth\" = S1.\"YearMonth\"  LEFT JOIN \"NaturalDrawdownAmtYearly\" S9 ON S9.\"DrawdownYear\" = SUBSTR(S1.\"YearMonth\", 1, 4)  ORDER BY S1.\"YearMonth\" |

### 【樣張底稿】:

 (樣張為此檔第七頁)