|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Version | Description | Author | 立案單號 |
| 2015/05/12 | 1 | Created | 李明諭 | **150429000520** |

1. 程式功能概要說明：

|  |  |
| --- | --- |
| 程式功能 | 短死率核保人員統計 |
| 程式名稱 | AAN1\_B205 |
| 作業方式 | BATCH |
| 概要說明 | 依核保人員統計短期出險率 |
| 需求單位 | 契品科 |
| 作業單位 | 壽險資訊二科 |
| 作業平台 | ■一般  □平板電腦  □手機 |
| 使用對象 | ■員工(UCBean)  □客戶(CustomerBean) |
| 個資遮蔽方法 | ■無 □遮蔽 □securitylog |

1. 程式流程圖：

DTAAN204

短死率統計檔

AAN1\_B205

核保人員統計

DTAAN203

理賠明細累積檔

DTAAN202

保單明細累積檔

1. 使用檔案：

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **項次** | **中文說明** | **檔案名稱** | **查詢** | **新增** | **修改** | **刪除** |
|  | 短死率保單明細累積檔 | DBAA.DTAAN202 | ■ | □ | □ | □ |
|  | 短死率理賠明細累積檔 | DBAA.DTAAN203 | ■ | □ | □ | □ |
|  | 短死率統計檔 | DBAA.DTAAN204 | ■ | ■ | □ | ■ |

1. 相關模組：

|  |  |  |
| --- | --- | --- |
| 項次 | 中文說明 | 程式名稱 |
|  | 異常訊息記錄模組 | batch.ErrorLog |
|  | 批次作業件數記錄模組 | batch.CountManager |
|  | ShutdownDay模組 | com.cathay.common.util.ShutdownDate |
|  | 取得理賠支出率年月 | AA\_N0Z001.getCurnClamYYMM |

1. 批次基本資料：

|  |  |
| --- | --- |
| 作業名稱 | JAAAMN102 |
| 業務別 | AA |
| 次系統名稱 | N1 |
| 處理週期 | 月 |
| 分批處理的件數 | default |

1. 傳入參數：

|  |  |  |  |
| --- | --- | --- | --- |
| 項次 | 說明 | 資料型態 | 備註 |
| 1 |  |  |  |

1. 各項交易快速連結：
2. 程式內容：
3. 初始
   1. 件數歸零
      1. 執行年月
      2. 刪除件數
      3. 輸入件數
      4. 輸出件數
      5. 錯誤件數
   2. 設定變數初始值
      1. $支出率年月 = “”
      2. $起始年月 = “”
      3. $結束年月 = “”
4. Call AA\_N0Z001.getCurnClamYYMM()，取得 $支出率年月
   1. 設定件數.執行年月 = $支出率年月
   2. $起始年月 = $支出率年月 – 5年
   3. $結束年月 = $支出率年月
5. 清除檔案
   1. 刪除DTAAN204
      1. 刪除條件：
         1. DTAAN204.出險率年月 = $支出率年月
      2. 刪除成功：
         1. 設定刪除件數
      3. 刪除失敗：
         1. 錯誤件數+1
         2. 顯示錯誤訊息「刪除DTAAN204有誤」，程式中止。
6. 統計保單件數和理賠件數（參考**SQL\_01**）
   1. 讀取DTAAN202 as **{保單件數合計｝**
      1. 讀取欄位：
         1. DTAAN202.核保人員ID
         2. DTAAN202.核保人員單位代號
         3. COUNT(1) as 保單件數
      2. 讀取條件：
         1. DTAAN202.投保年月 >= $起始年月
         2. DTAAN202.投保年月 <= $結束年月
         3. GROUP BY DTAAN202.核保人員ID, DTAAN202.核保人員單位代號
   2. 讀取DTAAN203 as **{T月內理賠件數合計}**
      1. 讀取欄位：
         1. DTAAN203.核保人員ID
         2. COUNT(1) as 理賠件數
      2. 讀取條件：
         1. DTAAN203.執行年月 = $結束年月
         2. DTAAN203.出險月數 <= 3
         3. GROUP BY DTAAN203.核保人員ID
   3. **讀取 {保單件數合計}**
      1. 讀取欄位：
         1. {保單件數合計}.核保人員ID
         2. {保單件數合計}.核保人員單位代號
         3. {保單件數合計}.保單件數
         4. {T月內理賠件數合計}.理賠件數
   4. **LEFT JOIN {T月內理賠件數合計}**
      1. 讀取條件：{3個月內理賠件數合計}.核保人員ID = {保單件數合計}.核保人員ID
   5. **LEFT JOIN {T-1月內理賠件數合計}**
      1. 讀取條件：{6個月內理賠件數合計}.核保人員ID = {保單件數合計}.核保人員ID
   6. **LEFT JOIN {T-2內理賠件數合計}**
      1. 讀取條件：{1年內理賠件數合計}.核保人員ID = {保單件數合計}.核保人員ID

…………

* 1. 讀取成功
     1. 設定輸入件數
  2. 查無資料
     1. 顯示錯誤訊息「查無資料」，程式中止。
  3. 讀取失敗
     1. 顯示錯誤訊息「統計保單件數和理賠件數有誤」，程式中止。

1. 逐筆處理每筆資料
   1. IF {保單件數合計｝.核保人員ID = “”
      1. $核保人員ID = “0000000000”
      2. $核保人員單位代號 = “0000000”
   2. ELSE
      1. $核保人員ID = {保單件數合計｝.核保人員ID
      2. $核保人員單位代號 = {保單件數合計｝.核保人員單位代號
   3. END IF
   4. 新增 DTAAN107

|  |  |  |
| --- | --- | --- |
| **欄位名稱** | **欄位值** | **備註** |
| 出險率年月 | $支出率年月 |  |
| 單位代號 | $核保人員單位代號 |  |
| 核保人員ID | $核保人員ID |  |
| 單位編制別 | “00” |  |
| 理賠件數 | {理賠件數合計}.保單件數 |  |
| 保單件數\_T月 | {T月保單件數合計}.保單件數 |  |
| 保單件數\_T-1月 | {T-1月保單件數合計}.保單件數 |  |
| 保單件數\_T-2個月 | {T-2月保單件數合計}.保單件數 |  |
| … | … | … |
| 保單件數\_T-23個月 | {T-23月保單件數合計}.保單件數 |  |
| 更新日期 | Current date |  |
| 更新人員 | AAN1\_B205 |  |

* + 1. 新增成功：輸出件數+1
    2. 新增失敗：錯誤件數+1，顯示錯誤訊息「新增DTAAN204有誤，保單號碼+險別+被保人ID+投保日期」，程式繼續。

**SQL\_01**

with N203 AS (select APRV\_ID,count(1) CLAM\_CNT

from DBAA.DTAAN203

where VRFY\_YYMM = ':END\_YYMM' group by APRV\_ID),

N202\_1 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = ':END\_YYMM'

group by APRV\_ID),

N202\_2 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 1 MONTHS)/100

group by APRV\_ID),

N202\_3 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 2 MONTHS)/100

group by APRV\_ID),

N202\_4 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 3 MONTHS)/100

group by APRV\_ID),

N202\_5 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 4 MONTHS)/100

group by APRV\_ID),

N202\_6 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 5 MONTHS)/100

group by APRV\_ID),

N202\_7 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 6 MONTHS)/100

group by APRV\_ID),

N202\_8 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 7 MONTHS)/100

group by APRV\_ID),

N202\_9 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 8 MONTHS)/100

group by APRV\_ID),

N202\_10 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 9 MONTHS)/100

group by APRV\_ID),

N202\_11 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 10 MONTHS)/100

group by APRV\_ID),

N202\_12 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 11 MONTHS)/100

group by APRV\_ID),

N202\_13 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 12 MONTHS)/100

group by APRV\_ID),

N202\_14 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 13 MONTHS)/100

group by APRV\_ID),

N202\_15 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 14 MONTHS)/100

group by APRV\_ID),

N202\_16 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 15 MONTHS)/100

group by APRV\_ID),

N202\_17 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 16 MONTHS)/100

group by APRV\_ID),

N202\_18 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 17 MONTHS)/100

group by APRV\_ID),

N202\_19 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 18 MONTHS)/100

group by APRV\_ID),

N202\_20 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 19 MONTHS)/100

group by APRV\_ID),

N202\_21 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 20 MONTHS)/100

group by APRV\_ID),

N202\_22 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 21 MONTHS)/100

group by APRV\_ID),

N202\_23 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 22 MONTHS)/100

group by APRV\_ID),

N202\_24 AS (select APRV\_ID,count(1) POLICY\_CNT

from DBAA.DTAAN202

where VRFY\_YYMM = int(CAST(':END\_YYMMDD' AS DATE)- 23 MONTHS)/100

group by APRV\_ID)

select N202\_1.APRV\_ID,

EMP.DIV\_NO as APRV\_DIV\_NO,

COALESCE(N203.CLAM\_CNT,0) CLAIM\_CNT,

COALESCE(N202\_1.POLICY\_CNT,0) POLICY\_CNT\_1M,

COALESCE(N202\_2.POLICY\_CNT,0) POLICY\_CNT\_2M,

COALESCE(N202\_3.POLICY\_CNT,0) POLICY\_CNT\_3M,

COALESCE(N202\_4.POLICY\_CNT,0) POLICY\_CNT\_4M,

COALESCE(N202\_5.POLICY\_CNT,0) POLICY\_CNT\_5M,

COALESCE(N202\_6.POLICY\_CNT,0) POLICY\_CNT\_6M,

COALESCE(N202\_7.POLICY\_CNT,0) POLICY\_CNT\_7M,

COALESCE(N202\_8.POLICY\_CNT,0) POLICY\_CNT\_8M,

COALESCE(N202\_9.POLICY\_CNT,0) POLICY\_CNT\_9M,

COALESCE(N202\_10.POLICY\_CNT,0) POLICY\_CNT\_10M,

COALESCE(N202\_11.POLICY\_CNT,0) POLICY\_CNT\_11M,

COALESCE(N202\_12.POLICY\_CNT,0) POLICY\_CNT\_12M,

COALESCE(N202\_13.POLICY\_CNT,0) POLICY\_CNT\_13M,

COALESCE(N202\_14.POLICY\_CNT,0) POLICY\_CNT\_14M,

COALESCE(N202\_15.POLICY\_CNT,0) POLICY\_CNT\_15M,

COALESCE(N202\_16.POLICY\_CNT,0) POLICY\_CNT\_16M,

COALESCE(N202\_17.POLICY\_CNT,0) POLICY\_CNT\_17M,

COALESCE(N202\_18.POLICY\_CNT,0) POLICY\_CNT\_18M,

COALESCE(N202\_19.POLICY\_CNT,0) POLICY\_CNT\_19M,

COALESCE(N202\_20.POLICY\_CNT,0) POLICY\_CNT\_20M,

COALESCE(N202\_21.POLICY\_CNT,0) POLICY\_CNT\_21M,

COALESCE(N202\_22.POLICY\_CNT,0) POLICY\_CNT\_22M,

COALESCE(N202\_23.POLICY\_CNT,0) POLICY\_CNT\_23M,

COALESCE(N202\_24.POLICY\_CNT,0) POLICY\_CNT\_24M

from N202\_1

left join N203

on N202\_1.APRV\_ID = N203.APRV\_ID

left join N202\_2

on N202\_1.APRV\_ID = N202\_2.APRV\_ID

left join N202\_3

on N202\_1.APRV\_ID = N202\_3.APRV\_ID

left join N202\_4

on N202\_1.APRV\_ID = N202\_4.APRV\_ID

left join N202\_5

on N202\_1.APRV\_ID = N202\_5.APRV\_ID

left join N202\_6

on N202\_1.APRV\_ID = N202\_6.APRV\_ID

left join N202\_7

on N202\_1.APRV\_ID = N202\_7.APRV\_ID

left join N202\_8

on N202\_1.APRV\_ID = N202\_8.APRV\_ID

left join N202\_9

on N202\_1.APRV\_ID = N202\_9.APRV\_ID

left join N202\_10

on N202\_1.APRV\_ID = N202\_10.APRV\_ID

left join N202\_11

on N202\_1.APRV\_ID = N202\_11.APRV\_ID

left join N202\_12

on N202\_1.APRV\_ID = N202\_12.APRV\_ID

left join N202\_13

on N202\_1.APRV\_ID = N202\_13.APRV\_ID

left join N202\_14

on N202\_1.APRV\_ID = N202\_14.APRV\_ID

left join N202\_15

on N202\_1.APRV\_ID = N202\_15.APRV\_ID

left join N202\_16

on N202\_1.APRV\_ID = N202\_16.APRV\_ID

left join N202\_17

on N202\_1.APRV\_ID = N202\_17.APRV\_ID

left join N202\_18

on N202\_1.APRV\_ID = N202\_18.APRV\_ID

left join N202\_19

on N202\_1.APRV\_ID = N202\_19.APRV\_ID

left join N202\_20

on N202\_1.APRV\_ID = N202\_20.APRV\_ID

left join N202\_21

on N202\_1.APRV\_ID = N202\_21.APRV\_ID

left join N202\_22

on N202\_1.APRV\_ID = N202\_22.APRV\_ID

left join N202\_23

on N202\_1.APRV\_ID = N202\_23.APRV\_ID

left join N202\_24

on N202\_1.APRV\_ID = N202\_24.APRV\_ID

left join CXLHR.DVA0\_EMPLOYEE AS EMP

on N202\_1.APRV\_ID = EMP.EMPLOYEE\_ID

with UR