```
2
   SET ECHO
               OFF:
   SET FEEDBACK OFF;
 3
 4 SET VERIFY
                OFF:
 5 SET TERMOUT ON;
 6 SET SERVEROUT ON SIZE 500000;
 7
   8
 9
   -- PROGRAM HISTORY
10 --
11 -- WCUNEX STATS A.SQL
12 -- THIS PROGRAM PULLS EXPOSURE DATA FOR UNIT STAT REPORTS DIRECTLY
13 -- FROM DESIGNER. DATA IS COLLECTED IN THE TEMPORARY TABLE TEMP UNIT EXPO *
14 -- (TUNX). FURTHER PROCESSING IS PERFORMED BY WCUNEX STATS B AND
15 -- WCUNEX_STATS_C
16 --
17 --
18 -- PROJECT.TASK
                     DATE
                               TECH.
                                       ACTION
19 -- -----
20 -- PLI32502.12477 30-SEP-2008
                                JPC
                                       INITIAL CREATION
21 --
                                JPC
22 -- PLI32502.15895 18-SEP-2009
                                       Loosened up modval selection *
23 --
24 -- PLI32502.16356 04-DEC-2009
                                JPC
                                       Purge TUNX instead of dropping *
25 --
26 -- PLI32502.16827 04-JAN-2010
                                JPC
                                       Set troubleshooting displays *
27
28 -- PLI32502.17368 08-MAR-2010
                                JPC
                                       Remove 9848 premium restriction*
29 --
30 -- PLI32502.19870 10-DEC-2010
                                JPC
                                       Add exposure transmit indicator*
31
                                JPC
32 -- PLI32502.21102 23-MAY-2011
                                       Correct ANNDT alias
33 --
                               JPC
34 -- PLI32502.19866 25-JUL-2011
                                      change NETPX value for MA
35 --
36 -- PLI32502.23969 11-OCT-2012
                                JPC
                                       add logic for deviated rates *
                               JPC
                                       deviated px correction
37 -- PLI32502.24578 23-JAN-2013
38 -- PLI32502.27755 15-AUG-2014
                                JPC
                                       Set default mod for 0120 to 0 *
39 -- PLI32502.28455 19-NOV-2014 JPC
                                       Set modval to 0 for CA 0930 and*
40 --
                          other state-specific changes *
                                JPC
41 -- PLI32502.28654 20-NOV-2014
                                       CA 0930 corrections
42 -- PLI32502.29027 20-JAN-2015
                                JPC
                                       Fix DevPx for Mass.
43 --
                                       Add logic to MISC DATES and
44 -- PLI32502.30030 20-AUG-2015 JPC
45 --
                         move where the cursor gets
46
47
48
49
50
51
   DELETE FROM TEMP UNIT EXPO;
52 COMMIT:
53
54
       55
       DECLARE
56
```

```
57
          WS RACO ID RACO.RACO ID%TYPE;
 58
          WS COST ID COST.COST ID%TYPE:
          WS LOCA ID LOCA.LOCA_ID%TYPE;
 59
          WS LOCT_ID LHIS.LOCT_GB_NO%TYPE;
 60
          WS RADE ID RADE.RADE ID%TYPE;
 61
62
          WS CLASS EXPO.CLASS CODE%TYPE;
63
          WS STDPX EXPO.STANDARD PX%TYPE;
64
          WS MODPX EXPO.MODIFIED PX%TYPE;
65
          WS NETPX EXPO.NET PX%TYPE;
          WS WRTPX EXPO.WRITTEN PX%TYPE;
 66
67
          WS PAYROLL EXPO.PAYROLL AMT%TYPE;
68
          WS POLNUM RATP.POLICY NUM%TYPE;
          WS ENDO ID ENDO.ENDO ID%TYPE;
69
          WS MODVAL MODI.MOD_VALUE%TYPE;
 70
 71
          WS_MODI_ID MODI.MODI_ID%TYPE;
72
          WS MODEFF MODI.EFF_DTE%TYPE;
          WS MULTI RADE.MULTIPLIER%TYPE;
 73
 74
          WS MULT EFF RATM.EFF DTE%TYPE;
 75
          WS EXPO ID EXPO.EXPO ID%TYPE;
76
          WS COSTEFF COST.EFF DTE%TYPE:
77
          WS EXPO EFF VARCHAR2(11);
          WS EXPO EXP DATE;
78
          WS MINUS DTE VARCHAR2(10);
 79
          WS EFF12 VARCHAR2(6);
80
          WS YYYYDTE VARCHAR2(8);
81
82
          WS DEVIATION RATM.DEVIATION PCT%TYPE;
83
84
85
          WS STREET1 LHIS.STREET1%TYPE;
86
          WS STREET2 LHIS.STREET2%TYPE;
87
          WS ZIP ID LHIS.ZIPC GB NO%TYPE;
          WS STATENUM STAT.STAT GB STATE NO%TYPE;
88
89
          WS INTRASTATE LHIS.INTRASTATE NO%TYPE;
          WS STATE ABB LHIS.STATE%TYPE;
 90
 91
          WS CATCODE STCL.CAT CODE%TYPE := NULL;
          WS STCL ID STCL.STCL ID%TYPE;
92
93
          WS MOD IND UNEX.UNEX WC RECORD TYPE%TYPE;
94
          WS EXPO EFF2 DATE;
          WS MODI MOD TYPE UNEX.UNEX WC RECORD TYPE%TYPE;
 95
 96
          WS RACOEFF DATE;
97
          WS RACOEXP DATE;
98
          WS LOCA EFF DATE;
99
          WS_ANNIV_DTE DATE;
          WS ANNIV 12 DATE;
100
          WS AR RELEASE DATE:
101
          WS UNEX GB NO NUMBER;
102
          WS SPLIT NUMBER := 0;
103
104
105
          WS HOLD RACO ID RACO.RACO ID%TYPE;
          WS HOLD COST ID COST.COST ID%TYPE;
106
          WS HOLD LOCA ID LOCA.LOCA ID%TYPE;
107
          WS HOLD LOCT ID LHIS.LOCT GB NO%TYPE;
108
109
          WS HOLD CLASS EXPO.CLASS CODE%TYPE;
110
          WS HOLD STDPX EXPO.STANDARD PX%TYPE;
          WS HOLD MODPX EXPO.MODIFIED PX%TYPE;
111
          WS HOLD NETPX EXPO.NET PX%TYPE;
112
```

```
WS HOLD WRTPX EXPO.WRITTEN PX%TYPE;
113
114
          WS HOLD POLNUM RATP.POLICY NUM%TYPE:
          WS HOLD ENDO ID ENDO.ENDO ID%TYPE;
115
          WS HOLD MODVAL MODI.MOD VALUE%TYPE;
116
117
          WS HOLD MULTI RADE.MULTIPLIER%TYPE;
118
          WS HOLD MULT EFF RATM.EFF DTE%TYPE;
119
          WS HOLD EXPO ID EXPO.EXPO ID%TYPE;
120
          WS HOLD COSTEFF COST.EFF DTE%TYPE;
          WS HOLD EXPO EFF VARCHAR2(11);
121
122
          WS HOLD EXPO EXP VARCHAR2(8);
          WS HOLD MINUS DTE VARCHAR2(10):
123
124
          WS HOLD EFF12 VARCHAR2(6);
125
          WS HOLD YYYYDTE VARCHAR2(8);
126
          WS HOLD STREET1 LHIS.STREET1%TYPE;
127
128
          WS HOLD STREET2 LHIS.STREET2%TYPE;
129
          WS HOLD ZIP ID LHIS.ZIPC GB NO%TYPE;
130
          WS HOLD STATENUM STAT.STAT GB STATE NO%TYPE:
131
          WS HOLD INTRASTATE LHIS.INTRASTATE NO%TYPE;
132
          WS HOLD STATE ABB LHIS.STATE%TYPE:
133
          WS HOLD CATCODE STCL.CAT CODE%TYPE;
          WS HOLD MOD IND UNEX.UNEX WC RECORD TYPE%TYPE;
134
          WS HOLD EXPO EFF2 DATE;
135
          WS HOLD MODI MOD TYPE UNEX.UNEX WC RECORD TYPE%TYPE;
136
137
138
          WS SEQNO NUMBER;
139
          WS SQLCODE NUMBER;
140
          VAR BATCH VARCHAR2(1);
141
          VAR DATE IN DATE:
          VAR POLICY IN RATP.POLICY NUM%TYPE;
142
143
          VAR START VARCHAR2(8):
144
          VAR STOP VARCHAR2(8);
145
146
          WS SECTION VARCHAR2(12);
147
          WS MANIL VARCHAR2(1);
148
          WS PX TTL NUMBER;
149
150
          WS LOOP COUNT NUMBER;
151
          WS MASTER DATE DATE;
152
          WS TARGET DATE DATE;
          WS MASTER MODVAL MODI.MOD VALUE%TYPE;
153
          WS MODVAL KEEP MODI.MOD VALUE%TYPE := 0;
154
155
          WS CLASS KEEP EXPO.CLASS CODE%TYPE:
          WS COUNT NUMBER;
156
157
          CURSOR GET POLICY DATA
158
159
          IS
160
              SELECT DISTINCT RATP.POLICY NUM AS POLNUM,
                RATP.BSOR GB ACCOUNT AS ACCT
161
162
                MAX (RACO.RACO ID) AS RACOID,
                                AS RATPID,
163
                RACO.RATP ID
                MAX (RACO.EFF DTE) AS RACOEFF,
164
                MAX (RACO.EXP DTE) AS RACOEXP,
165
                MAX (ENDO.ENDO ID) AS ENDOID
166
167
              FROM RATING POLICIES RATP.
168
                RATING CONTRACTS RACO.
```

```
169
               ENDORSEMENTS ENDO
170
               CONTRACT STATES COST
171
             WHERE RACO.RATP ID
                                             = RATP.RATP ID
172
               AND RACO.RACO ID
                                           = ENDO.RACO ID
173
               AND COST.RACO ID
                                           = RACO.RACO ID
               AND ENDO.HIST CODE
174
                                            IN ('AV', 'AD')
175
               AND ADD MONTHS (LAST DAY (ENDO.EFF DTE), 18) = VAR DATE IN
176
               AND RATP.POLICY NUM
                                            IN
               (SELECT DISTINCT UNPL WC POLY NUMBER POLNUM
177
                 FROM UNIT STATS_POLICY UNPL
178
                WHERE (VAR BATCH
179
                  AND UNPL.UNPL_WC_REPORT_DATE = VAR_DATE_IN)
180
181
                  OR (VAR BATCH
                                 = 'N'
                  AND UNPL.UNPL WC POLY NUMBER = VAR POLICY IN
182
                  AND UNPL.UNPL WC REPORT_DATE = VAR_DATE_IN)
183
184
185
         GROUP BY RATP.POLICY NUM,
186
             RACO.RATP ID
187
             RATP.BSOR GB ACCOUNT
188
         ORDER BY RATP.POLICY NUM;
189
         190
             CURSOR GET STATES
191
             IS
192
                 SELECT MAX (COST.COST ID) AS COSTID,
                   COST.STATE
193
                                 AS COST ST
194
                  FROM CONTRACT STATES COST
195
                 WHERE COST.RACO ID = WS RACO ID
196
                GROUP BY COST.STATE
197
                ORDER BY COST.STATE:
198
         199
200
201
202
         CURSOR GET STATES
203
         IS
             SELECT MAX (COST.COST ID) AS COSTID.
204
               COST.STATE AS COST ST
205
206
                FROM
207
                 CONTRACT STATES COST,
208
                 cost endo,
209
                 endo
210
                WHERE
211
                 COST.RACO ID
                                = WS RACO ID
                AND cost endo.endo id = endo.endo id
212
213
                AND cost.cost_id = cost endo.cost id
214
                AND ENDO.HIST CODE IN ('AD', 'AV')
                GROUP BY COST.STATE
215
216
                ORDER BY
217
                 COST.STATE;
218
         219
220
         CURSOR GET LOCATIONS
221
         IS
222
             SELECT DISTINCT LOCA.LOCA ID
                                          AS LOCAID ,
223
224
               LOCA.RACO ID
                               AS LOCRACO.
```

```
225
                LOCA.COST ID
                               AS LOCCOST,
226
                LOCA.LHIS ID
                               AS LOCLHIS
                LHIS.LOCT_GB_NO
227
                                 AS LOCT ID,
228
                LHIS.ZIPC GB NO
                                AS ZIPID
229
                LHIS.STREET1
                               AS STREET 1,
230
                LHIS.STREET2
                               AS STREET 2,
231
                ZIPC.ZIPC GB CITY AS CITY
232
                LHIS.STATE
                             AS STATE ABB,
233
                STAT.STAT GB STATE NO AS STATE NO,
                LHIS.INTRASTATE NO AS INTRA ST
234
              FROM LOCATIONS LOCA.
235
236
                LOC HISTORY LHIS,
237
                ZIPCODE ZIPC
238
                STATE STAT
              239
                AND LOCA.COST ID = WS COST ID
240
241
                AND LHIS.LHIS ID = LOCA.LHIS ID
                AND ZIPC.ZIPC GB NO = LHIS.ZIPC GB NO
242
243
                AND LHIS.STATE = STAT.STAT GB ALPHA STATE
244
            ORDER BY LOCA.RACO ID:
          245
          CURSOR GET EXPO DATA
246
247
             SELECT DISTINCT NVL (EXPO.RADE ID, 0) AS RADEID
248
                                   AS NORMAL EFFDATE,
                EXPO.EFF DTE
249
250
                EXPO.RACO ID
251
                EXPO.CLASS CODE
                                      as expoclass
252
              FROM EXPOSURES EXPO
253
                ENDORSEMENTS ENDO
254
                ENDORSEMENT EXPOSURES ENDO EXPO
                CONTRACT STATE ENDORSEMENTS COST ENDO,
255
                STATE CLASS DESCRIPTIONS STCD
256
257
                STATE CLASSES STCL
                                   = ENDO EXPO.ENDO ID
258
             WHERE ENDO.ENDO ID
259
                AND EXPO.EXPO ID = ENDO EXPO.EXPO ID
                                 = EXPO.STCD ID
                AND STCD.STCD ID
260
                AND STCL.STCL ID = $TCD.STCL ID
261
262
                AND COST ENDO.ENDO ID = ENDO.ENDO ID
                AND EXPO.RACO ID = WS RACO ID
263
                AND ENDO EXPO.ENDO ID = WS ENDO ID
264
                AND EXPOLOCA ID = WS LOCA ID
265
266
                AND ENDO.HIST CODE IN ('AD', 'AV')
267
            ORDER BY EXPO.RACO ID.
268
                EXPO.CLASS CODE:
269
          CURSOR GET EXPO DETAIL
270
          IS
271
272
             SELECT DISTINCT MAX(EXPO.EXPO ID) AS EXPOID,
273
                MAX(EXPO.RACO ID)
                                    AS RACOID1,
274
                MAX(EXPO.EXPO ID)
                                    AS EXPOID1,
                EXPO.CLASS CODE
                                    AS CLASSCODE
275
276
              FROM EXPOSURES EXPO
277
                ENDORSEMENTS ENDO
278
                ENDORSEMENT EXPOSURES ENDO EXPO
                CONTRACT STATE ENDORSEMENTS COST ENDO,
279
                STATE CLASS DESCRIPTIONS STCD
280
```

```
281
               STATE CLASSES STCL
282
             WHERE ENDO.ENDO ID
                                    = ENDO EXPO.ENDO ID
               AND EXPO.EXPO ID
                                   = ENDO EXPO.EXPO ID
283
284
               AND STCD.STCD ID
                                  = EXPO.STCD ID
               AND STCL.STCL ID
285
                                  = STCD.STCL ID
286
               AND COST ENDO.ENDO ID = ENDO.ENDO ID
287
               AND EXPO.RACO ID
                                   = WS RACO ID
288
               AND NVL (EXPO.RADE ID, 0) = NVL (WS RADE ID, 0)
289
               AND ENDO.ENDO ID
                                  = WS ENDO ID
               AND COST ENDO.COST ID = WS COST ID
290
               AND EXPOLOCA ID
                                  = WS LOCA ID
291
292
               AND EXPO.EFF DTE
                                   = WS EXPO EFF2
               AND ENDO.HIST CODE
293
                                   IN ('AD', 'AV')
               AND EXPO.CLASS CODE
294
                                     = WS CLASS
295
            GROUP BY EXPO.CLASS CODE
296
            ORDER BY 2.1:
         297
298
         CURSOR GET CAT CODE
299
         IS
300
             SELECT DISTINCT STCL.STCL ID
                                         AS STCDID.
301
               STCCAT.CAT CODE
                                 AS CATCODE,
302
               STCCAT.CAT CODE DESC AS CATCODEDESC
303
              FROM STATE CLASS CATEGORIES STCCAT,
304
               STATE CLASSES STCL
305
306
             WHERE STCL.CAT CODE = STCCAT.CAT CODE
               AND STCL.STCL ID IN
307
308
               (SELECT STCD.STCL ID
309
                 FROM STATE CLASS DESCRIPTIONS STCD.
                  EXPOSURES EXPO
310
311
                WHERE EXPO.STCD ID = STCD.STCD ID
312
                  AND EXPO.EXPO ID = WS EXPO ID
313
               );
314
         315
         CURSOR GET MULTIPLIER
316
         IS
            SELECT DISTINCT RATE DETAILS.MULTIPLIER
317
                                                  AS MULTI,
               NVL (RATE DETAILS.CLASS CODE, WS_CLASS) AS CLASS,
318
319
               RATE DETAILS.PRORATA CAT AS CAT CODE
320
              FROM RATE DETAILS,
321
               RATE MASTERS
322
             WHERE RATE DETAILS.RADE ID = WS RADE ID
323
               AND RATE DETAILS.RATM ID = RATE MASTERS.RATM ID;
324
325
         326
327
328
329
         CURSOR APPLY MOD
330
         IS
            SELECT DISTINCT EXPO.CLASS CODE AS EXPO CLASS,
331
332
                               AS USE MOD
               INDV.VALUE
333
              FROM ENDORSEMENTS ENDO
334
               EXPOSURES EXPO
335
               ENDORSEMENT EXPOSURES ENDO EXPO.
336
               STATE CLASS DESCRIPTIONS STCD,
```

```
337
                STATE CLASSES STCL
338
                STATE MASTERS STMS
                INDICATOR VALUES INDV
339
340
                INDICATORS INDI
341
              WHERE ENDO.ENDO ID
                                    = ENDO EXPO.ENDO ID
342
                AND EXPO.EXPO ID
                                  = ENDO EXPO.EXPO ID
343
                AND EXPOSSTCD ID = STCD.STCD ID
344
                AND STCL.STCL ID = $TCD.STCL ID
345
                AND STCL.STCL ID
                                 = INDV.STCL ID
                AND STMS.STMS ID = STCL.STMS ID
346
                AND INDI.INDI ID = INDV.INDI ID
347
                AND UPPER (INDI.NAME) = 'USE EXPERIENCE MOD'
348
                AND ENDO.ENDO ID = WS ENDO ID
349
                AND EXPO.CLASS CODE = WS CLASS
350
                AND EXPO.EXPO ID = WS EXPO ID
351
352
             ORDER BY EXPO.CLASS CODE;
353
          354
          -- PLI32502.21102
355
          CURSOR MISC DATES
356
          IS
357
             SELECT DISTINCT ENDO.ENDO ID
                                                   AS NDO ID
                TO CHAR (ENDO.AR RELEASE DTE, 'DD-MON-YYYY') AS AR DATE
358
                ADD MONTHS (ANNDT.ANNV DTE, 12) AS ANNIV PLUS12,
359
                TO CHAR (ANNDT.ANNV DTE, 'DD-MON-YYYY') AS ANNIVERSARY
360
              FROM ENDORSEMENTS ENDO
361
362
                ANNIVERSARY DATE ENDORSEMENTS ANNUT ENDO,
                ENDORSEMENT EXPOSURES ENDO EXPO
363
364
                ANNIVERSARY DATES ANNDT
              WHERE ENDO.ENDO ID = ENDO EXPO.ENDO ID
365
                AND ENDO.ENDO ID = ANNDT ENDO.ENDO ID(+)
366
                AND ANNOT. ANNOT ID(+) = ANNOT ENDO. ANNOT ID
367
                AND ENDO.RACO ID = WS RACO ID
368
                AND ENDO.ENDO ID = WS ENDO ID
369
                and anndt.cost id(+) = W$ COST ID
370
371
372
          373
          CURSOR FIND 9848
374
          IS
375
             SELECT DISTINCT
                TUNX.STATE NUMBER
                                      AS STATE NO,
376
                TUNX.POLICY NUMBER
377
                                      AS POLY NO,
378
                TUNX.CLASS CODE
                                     AS CLASS .
379
                TUNX.MULTIPLIER
                                    AS MULTI .
380
                TUNX.NET PREMIUM
                                     AS NETPX
381
                TUNX.MOD PREMIUM
                                      AS MODPX
                TUNX.STANDARD PREMIUM AS STDPX
382
                TUNX.EXPOSURE EFFECTIVE AS EFFDATE,
383
384
                tunx.LOCAT ID as locatid
              FROM TEMP UNIT EXPO TUNX
385
              WHERE POLICY NUMBER IN
386
                (SELECT DISTINCT POLICY NUMBER AS POLY NO
387
388
                  FROM TUNX
389
                 WHERE CLASS CODE IN ('9807', '9812', '6199', '9848')
390
             AND CLASS CODE IN ('9807', '9812', '6199')
391
392
             -- HAVING STANDARD PREMIUM > 0
```

```
393
             GROUP BY STATE NUMBER
394
                 POLICY NUMBER
                 CLASS CODE
395
                 MULTIPLIER
396
                 NET PREMIUM
397
398
                 MOD PREMIUM
399
                 STANDARD PREMIUM
400
                 EXPOSURE EFFECTIVE.
401
                 tunx.LOCAT ID
402
         ORDER BY 2,
             1,
403
404
             3:
405
          406
          CURSOR DELETE 9848
407
             SELECT DISTINCT STATE NUMBER AS STATE NO,
408
409
                POLICY NUMBER
                                AS POLY NO,
                CLASS CODE
410
                                AS CLASS ,
411
                MULTIPLIER
                              AS MULTI
                NET PREMIUM
412
                                AS NETPX
413
                MOD PREMIUM
                                AS MODPX
                STANDARD PREMIUM
                                   AS STDPX
414
                EXPOSURE EFFECTIVE AS EFFDATE
415
              FROM TUNX
416
              WHERE CLASS CODE
417
                                  = '9848'
418
                AND POLICY NUMBER IN
                (SELECT POLICY NUMBER FROM TUNX WHERE CLASS CODE IN ('9807',
419
                '9812', '6199')
420
421
             AND POLICY NUMBER = WS POLNUM
422
             AND TUNX.LOCAT ID = WS LOCA ID
423
         ORDER BY 2.
424
             1,
425
             3:
426
          427
       BEGIN
          WS SECTION := 'WCUNEX1_00A';
428
429
          SELECT UPPER (UETB.UETB DP VALUE) INPUT SRC
430
           INTO VAR BATCH
431
           FROM USER EXIT TABLE UETB
432
           WHERE UETB.UETB_DP_FIELD_NAME = 'RPT_OPT'
433
             AND UETB.UETB DP PROGRAM NAME = 'WCUNEX STATS'
434
             AND UETB.UETB DP USER NAME = USER;
435
436
          WS SECTION := 'WCUNEX1 00B'
437
          SELECT UPPER (UETB.UETB DP VALUE) REPORT DTE
           INTO VAR DATE IN
438
439
           FROM USER EXIT TABLE UETB
           WHERE UETB.UETB DP FIELD NAME = 'ENDDATE'
440
441
             AND UETB.UETB DP PROGRAM NAME = 'WCUNEX STATS'
             AND UETB.UETB DP USER NAME = USER;
442
443
          WS SECTION := 'WCUNEX1 00C';
444
445
          SELECT UPPER (UETB.UETB DP VALUE) POL NUMBER
446
           INTO VAR POLICY IN
           FROM USER_EXIT_TABLE UETB
447
```

```
WHERE UETB.UETB_DP_FIELD_NAME = 'DATAOPT'
448
449
           AND UETB.UETB DP PROGRAM NAME = 'WCUNEX STATS'
           AND UETB.UETB_DP_USER_NAME = USER;
450
451
452
         SELECT TO CHAR (SYSDATE, 'HH24:MI:SS') INTO VAR START FROM DUAL;
453
454
455
         456
         FOR A IN GET POLICY DATA
457
         LOOP
458
           WS SECTION := 'WCUNEX1 01';
           WS CLASS := NULL:
459
           WS MOD IND := NULL;
460
           WS RACO ID := A.RACOID:
461
462
           WS POLNUM := A.POLNUM;
463
           WS RACOEFF := A.RACOEFF;
464
           WS RACOEXP := A.RACOEXP:
465
           WS ENDO ID := A.ENDOID:
466
467
468
469
              470
              FOR REC1 IN GET STATES
471
              LOOP
472
                 WS COST ID := REC1.COSTID;
473
                 FOR D
                       IN GET LOCATIONS
474
                 LOOP
                    WS SECTION := 'WCUNEX1 03';
475
476
                    WS LOCA ID := D.LOCAID;
477
                    WS STREET1 := D.STREET 1;
478
                    WS STREET2 := D.STREET 2;
479
                    WS ZIP ID := D.ZIPID;
480
                    WS STATE ABB := D.STATE ABB;
481
                    WS STATENUM := D.STATE NO;
482
                    WS INTRASTATE := D.INTRA ST;
483
                    WS LOCT ID := D.LOCT ID;
484
485
                    486
                    WS LOOP COUNT
                                    := 0:
487
                    WS MULTI
                                := 0;
488
                    WS MASTER DATE
                                    := NULL;
489
                    WS EXPO EFF
                                  := NULL:
490
491
492
                      WS MODVAL KEEP := NULL;
493
494
           495
            FOR B2 IN MISC DATES
           LOOP
496
497
              WS SECTION := 'WCUNEX1 02';
498
              WS ANNIV DTE := B2.ANNIVERSARY;
499
              WS AR RELEASE := B2.AR DATE;
              WS ANNIV 12 := B2.ANNIV PLUS12;
500
501
```

```
502
503
504
505
                         DBMS OUTPUT.PUT LINE
                         >>>>>>>:) ;
506
                         DBMS OUTPUT.PUT LINE ('POLICY: '||WS POLNUM||' RACO:
                         '||WS RACO |D||' ENDO: '||WS ENDO |D||' LOCATION:
                         '||WS LOCA |D||' COST:
                         '||WS COST |D||WS STATE ABB||WS STATENUM);
                         DBMS OUTPUT.PUT LINE
507
                         >>>>>>>:) :
508
509
510
                      FOR E IN GET EXPO DATA -- e loop
511
                      LOOP
                         WS SECTION := 'WCUNEX1 04';
512
513
                         WS EXPO EFF2 := E.NORMAL EFFDATE;
514
                         WS RADE ID := E.RADEID;
515
                         ws class := e.expoclass;
516
                               --dbms output.put line('inserting A: '||WS SECTION);
517
518
                         FOR E2
                                 IN GET EXPO DETAIL -- e2 loop
                         LOOP
519
520
                            WS EXPO ID := E2.EXPOID;
                            WS CLA$S := E2.CLASSCODE;
521
522
523
                            (=)=(=)
524
                            BEGIN
525
                               WS $ECTION := 'WCUNEX1 05';
                                                                     AS
526
                               SELECT EXPO.EXPO ID
                               EXPOID.
                                  EXPO.EFF DTE
527
                                                                  AS
                                  EXPOEFF,
528
                                  EXPO.EXP DTE
                                                                  AS
                                  EXPOEXP.
529
                                  DECODE (EXPO.CLASS CODE, 'DISC', '0063',
                                  EXPO.CLASS CODE) AS CLS
530
                                INTO WS EXPO ID,
531
                                  WS EXPO EFF.
532
                                  WS EXPO EXP.
533
                                  WS CLASS
                                FROM EXPOSURES EXPO
534
                                  ENDORSEMENTS ENDO
535
536
                                  ENDORSEMENT EXPOSURES ENDO EXPO,
                                  STATE CLASS DESCRIPTIONS STCD,
537
538
                                  STATE CLASSES STCL
                                WHERE ENDO.ENDO ID = ENDO EXPO.ENDO ID
539
                                  AND EXPO.EXPO ID = ENDO EXPO.EXPO ID
540
                                  AND STCD.STCD ID = EXPO.STCD ID
541
542
                                  AND STCL.STCL ID = STCD.STCL ID
543
                                  AND EXPO.RACO ID
                                                    = WS RACO ID
                                  AND ENDO EXPO.ENDO ID = WS ENDO ID
544
```

```
AND EXPO.EXPO ID = WS EXPO ID
545
                                AND EXPOLOCA ID = WS LOCA ID
546
                                AND EXPO.CLASS CODE = WS CLASS
547
548
                                AND ENDO.HIST CODE IN ('AD', 'AV')
549
                             ORDER BY EXPO.CLASS CODE;
550
                           EXCEPTION
551
                          WHEN NO DATA FOUND THEN
552
                             NULL:
553
                          WHEN TOO MANY ROWS THEN
554
                             NULL:
555
                          WHEN OTHERS THEN
556
                             NULL:
557
                          END;
558
                             --dbms output.put line('inserting A: '||WS SECTION);
559
560
                          (=)=(=)
561
                          -- SET UP MASTER VALUES FOR PERIODS OTHER THAN
                          THE FIRST
562
563
                           -- DETERMINE NUMBER OF DIFFERENT MODS
564
                           (=)=(=)
565
                          WS SECTION := 'WCUNEX1 06';
                           SELECT COUNT (DISTINCT MODI.MOD VALUE) AS MODVAL
566
567
                            INTO WS COUNT
                            FROM MODIFIERS MODI.
568
569
                              ENDORSEMENT MODIFIERS ENDO MODI
                           WHERE ENDO MODI.ENDO ID = WS ENDO ID
570
                             AND ENDO MODI.MODI ID = MODI.MODI ID
571
572
                             AND MODI.COST ID = WS COST ID
                             AND MODI.MOD TYPE = 'E';
573
574
575
                           576
                           -- DETERMINE THE MOD AND MOD EFFECTIVE FOR EACH
                           EXPOSURE
577
                           (=)=(=)
                           WS_SECTION := 'WCUNEX1 07';
578
579
580
                          BEGIN
                             WS $ECTION := 'WCUNEX1 08';
581
                              SELECT DISTINCT MODI.MOD VALUE AS MODVAL,
582
583
                                MODI.EFF DTE AS MODEFF
584
                               INTO WS MODVAL,
585
                                WS MODEFF
586
                               FROM MODIFIERS MODI
587
                                ENDORSEMENT MODIFIERS ENDO MODI,
                                ENDORSEMENT EXPOSURES ENDO EXPO.
588
589
                                EXPOSURES EXPO
590
                              WHERE MODI.MOD VALUE
                                                    >= 0
```

```
591
                                        AND MODI.MOD TYPE = 'E'
592
                                        AND ENDO MODI.MODI ID = MODI.MODI ID
                                        AND ENDO MODI.ENDO ID = ENDO EXPO.ENDO ID
593
594
                                        AND EXPO.EXPO_ID = ENDO_EXPO.EXPO_ID
                                        AND MODI.EFF_DTE = WS_EXPO_EFF
595
                                        AND EXPO.EFF_DTE = WS_EXPO_EFF
AND MODI.EXP_DTE = WS_EXPO_EXP
AND MODI.COST_ID = WS_COST_ID
596
597
598
599
                                        AND ENDO MODI.ENDO ID = WS ENDO ID;
600
                                 EXCEPTION
                                 WHEN NO DATA FOUND THEN
601
                                    WS $ECTION := 'WCUNEX1 09A';
602
                                    IF NVL (WS CLASS KEEP, WS CLASS) != WS CLASS
603
                                    THEN
                                        WS_CLASS_KEEP := NULL;
604
605
                                    END IF;
606
                                    BEGIN
607
                                        SELECT DISTINCT MODI.MOD VALUE AS MODVAL.
608
                                           MODI.EFF DTE AS MODEFF
                                         INTO WS MODVAL.
609
610
                                           WS MODEFF
                                         FROM MODIFIERS MODI
611
                                           ENDORSEMENT MODIFIERS ENDO MODI,
612
                                           ENDORSEMENT EXPOSURES ENDO EXPO,
613
                                           EXPOSURES EXPO
614
615
                                         WHERE MODI.MOD VALUE >= 0
                                           AND MODI.MOD TYPE = 'E'
616
617
                                           AND ENDO MODI.MODI ID = MODI.MODI ID
                                           AND ENDO MODI.ENDO ID =
618
                                           ENDO EXPO.ENDO ID
                                           AND EXPO.EXPO ID = ENDO EXPO.EXPO ID
619
620
                                           --AND MODI.EXP DTE
                                                                 = ADD MONTHS
                                           (WS EXPO EFF, 12)
621
                                           AND MODI.COST ID = WS COST ID
                                           AND ENDO MODI.ENDO ID = WS ENDO ID
622
                                           AND ROWNUM = 1
623
624
625
                                    EXCEPTION
626
                                    WHEN NO DATA FOUND THEN
627
                                        WS SECTION := 'WCUNEX1 09B';
628
                                        WS MODVAL := 0;
629
                                    END:
630
                                 WHEN TOO MANY ROWS THEN
631
                                    WS $ECTION := 'WCUNEX1 09D';
632
                                    NULL:
633
                                 WHEN OTHERS THEN
634
                                    WS $ECTION := 'WCUNEX1 09E';
635
                                    NULL:
636
                                    WS MASTER MODVAL := WS MODVAL;
637
                                 END:
638
639
                                WS_SECTION := 'WCUNEX1_10A';
IF WS_CLASS = WS_HOLD_CLASS THEN
IF W$_ANNIV_DTE IS NOT NULL THEN
640
641
642
                                        IF WS MODEFF IS NULL THEN
643
```

```
--WS MODEFF := WS EXPO EFF2;
644
645
                                        WS MODEFF :=
                                        add months(WS_EXPO_EFF2,-12);
646
                                     END IF:
647
                                 END IF;
648
                              END IF:
649
                              WS SECTION := 'WCUNEX1 10B';
650
                              IF WS MODEFF IS NULL THEN
651
652
653
                                IF WS ANNIV DTE IS NOT NULL THEN
654
                                    WS MODEFF := add months(WS EXPO EFF2,-12);
655
656
                                     WS MODEFF := WS EXPO EFF2;
657
   -- this fixes the problem for Mass.
                                             WS MODEFF := WS RACOEFF;
658
                                  END IF:
659
                              END IF:
660
                              WS_SECTION := 'WCUNEX1_10C';
WS_HOLD_CLASS := WS_CLASS;
661
662
663
                              IF SUBSTR (WS CLASS, 1, 4) IN ('9722', '9848', '9874', '9880',
                              '0935', '0900', '9887', '9889', '0174', '0120', '0063', '0064') THEN
664
                                 WS MODVAL := 0:
665
                              elsif SUB$TR (WS CLASS, 1, 4) IN ('9807') and
                              WS STATENUM in ('32') THEN
666
                                 WS MODVAL := 0;
                              END IF:
667
668
669
                              (=)=(=)
670
                              -- DETERMINE EFFECTIVE DATES BASED ON PRESENCE
                              OF ANNIVERSARY DATE
671
                              (=)=(=)
                              IF WS LOOP COUNT
672
                                 IF NVL (WS ANNIV DTE, '31-DEC-2009') <>
673
                                 '31-DEC-2009' OR WS COUNT > 5 THEN
674
                                     WS SECTION := 'WCUNEX1 11';
675
                                     SELECT DISTINCT MIN (EXPO.EFF DTE) AS
                                     MIN EFF
                                      INTO WS TARGET DATE
676
                                      FROM EXPOSURES EXPO
677
678
                                        ENDORSEMENTS ENDO
                                        ENDORSEMENT EXPOSURES ENDO EXPO,
679
                                        STATE CLASS DESCRIPTIONS STCD,
680
                                        STATE CLASSES STCL
681
682
                                     WHERE ENDO.ENDO ID
                                     ENDO EXPO.ENDO ID
                                        AND EXPO.EXPO_ID = ENDO_EXPO.EXPO_ID
683
684
                                        AND STCD.STCD ID = EXPO.STCD ID
                                        AND STCL.STCL ID = STCD.STCL ID
685
                                        AND EXPO.RACO ID = WS RACO ID
686
687
                                        AND ENDO EXPO.ENDO ID = WS ENDO ID
                                        AND EXPO.EFF DTE <> WS RACOEFF
688
```

```
689
                                         AND ENDO.HIST CODE IN ('AD', 'AV');
690
691
                                      WS MASTER DATE := WS TARGET DATE;
692
                                  END IF:
                               ELSE
693
694
                                  WS $ECTION := 'WCUNEX1 12';
695
                                  SELECT DISTINCT MAX (EXPO.EFF DTE) AS MAX EFF
696
                                   INTO WS TARGET DATE
697
                                    FROM EXPOSURES EXPO
                                      ENDORSEMENTS ENDO
698
699
                                      ENDORSEMENT EXPOSURES ENDO EXPO.
                                      STATE CLASS DESCRIPTIONS STCD,
700
                                      STATE CLASSES STCL
701
                                   WHERE ENDO.ENDO_ID = ENDO_EXPO.ENDO_ID
702
                                     AND EXPO.EXPO_ID = ENDO_EXPO.EXPO_ID
703
                                     AND STCD.STCD ID = EXPO.STCD ID
704
                                      AND STCL.STCL ID = STCD.STCL ID
705
                                     AND EXPO.RACO ID = WS RACO ID
706
707
                                      AND ENDO EXPO.ENDO ID = WS ENDO ID
                                      AND ENDO.HIST CODE IN ('AD', 'AV');
708
709
710
                                  WS MASTER DATE := WS TARGET DATE;
                                  WS MASTER MODVAL := WS MODVAL;
711
712
                               END IF:
                               IF WS MASTER MODVAL = 0 THEN
713
                                  IF W$ MODVAL = 0 THEN
714
                                     WS_MASTER_DATE := WS_RACOEFF;
715
                                      WS_SECTION := 'WCUNEX1 19';
716
717
                                  END IF;
718
                               END IF:
719
                               (=)=(=)
720
                               IF WS CLASS = '9848' THEN
                                  WS $ECTION := 'WCUNEX1 13';
721
                                  WS MANIL := 'N':
722
723
                                  BEGIN
724
                                      SELECT DISTINCT EXPO.CLASS CODE,
                                         DECODE (EXPO.CLASS CODE, '9807', 'Y', '9812',
725
                                         'Y', '6199', 'Y', 'N') INDIC
726
                                       INTO WS HOLD CLASS,
727
                                         WS MANIL
728
                                       FROM EXPOSURES EXPO
729
                                         ENDORSEMENTS ENDO
730
                                         ENDORSEMENT EXPOSURES ENDO EXPO,
                                         STATE CLASS DESCRIPTIONS STCD,
731
                                         STATE CLASSES STCL
732
733
                                      WHERE ENDO.ENDO ID =
                                      ENDO EXPO.ENDO ID
                                         AND EXPO.EXPO_ID = ENDO_EXPO.EXPO_ID AND STCD.STCD_ID = EXPO.STCD_ID
734
735
                                         AND STCL.STCL_ID = STCD.STCL_ID
AND EXPO.RACO_ID = WS_RACO_ID
736
737
                                         AND ENDO EXPO.ENDO ID = WS ENDO ID
738
                                         AND EXPO.EFF DTE = WS EXPO EFF
739
                                         AND ENDO.HIST CODE IN ('AD', 'AV')
740
```

```
741
                                         AND EXPO.CLASS CODE IN ('9807', '9812',
                                         '6199')
                                      ORDER BY EXPO.CLASS CODE;
742
743
                                   EXCEPTION
                                   WHEN NO DATA FOUND THEN
744
745
                                      WS MANIL := 'N';
746
                                   WHEN OTHERS THEN
747
                                     NULL;
748
                                   END:
749
                               END IF;
750
                               (=)=(=)
                               WS_CATCODE := NULL;
IF WS_STATENUM = '29' THEN
IF WS_RACOEFF >= '01-JAN-1995' AND
751
752
753
                                   WS RACOEFF <= '30-JUN-1997' THEN
                                      IF WS CLASS = '9807' THEN
754
                                         WS CLASS := '6199';
755
756
                                      END IF:
757
                                   END IF:
758
                               END IF;
759
                               (=)=(=)
760
                               WS SECTION := 'WCUNEX1 13A';
761
                               BEGIN
762
                                   WS MOD IND := 'N';
763
                                   SELECT DISTINCT INDV. VALUE USE MOD
764
                                    INTO WS MOD IND
                                    FROM ENDORSEMENTS ENDO
765
                                      EXPOSURES EXPO
766
767
                                      ENDORSEMENT EXPOSURES ENDO EXPO,
                                      STATE CLASS DESCRIPTIONS STCD ,
768
                                      STATE CLASSES STCL
769
                                      STATE MASTERS STMS
770
                                      INDICATOR VALUES INDV ,
771
                                      INDICATORS INDI
772
                                   WHERE ENDO.ENDO_ID = ENDO_EXPO.ENDO_ID AND EXPO.EXPO_ID = ENDO_EXPO.EXPO_ID
773
774
                                      AND EXPO.STCD_ID = STCD.STCD_ID AND STCL.STCL_ID = STCD.STCL_ID
775
776
                                      AND STCL.STCL ID = INDV.STCL ID
777
                                      AND STMS.STMS ID = STCL.STMS ID
778
779
                                      AND INDI.INDI ID = INDV.INDI ID
                                      AND UPPER (INDI.NAME) = 'USE EXPERIENCE MOD'
780
781
                                      AND EXPO.CLASS CODE = WS CLASS
                                      AND EXPO.EXPO ID = WS EXPO ID;
782
783
                               EXCEPTION
                               WHEN OTHERS THEN
784
785
                                   NULL;
786
                               END;
                               WS SECTION := 'WCUNEX1 13B';
787
                               IF NVL (WS MOD IND, 'N') != 'Y' THEN
788
789
                                  WS MODVAL := 0;
790
                               END IF:
```

```
791
792
                              WS SECTION := 'WCUNEX1 13C';
                              IF WS CLASS <> '0120' then
793
794
                              IF NVL (WS MOD IND, 'N') = 'Y' THEN
                                 IF W$ MODVAL = 0 THEN
795
796
                                    WS MODVAL := WS MODVAL KEEP;
797
                                 END IF:
                              END IF:
798
799
                              END IF:
800
                              (=)=(=)
801
                              WS SECTION := 'WCUNEX1 14';
802
                              FOR G
                                      IN GET CAT CODE -- g loop
803
                              LOOP
                                 WS CATCODE := G.CATCODE:
804
805
                                 WS $TCL ID := G.STCDID;
806
                                  UPDATE TUNX SET CAT CODE = WS CATCODE
                                  WHERE EXPOSURE ID = WS EXPO ID;
807
                                 COMMIT:
808
                                 BEGIN
                                    WS SECTION := 'WCUNEX1 15';
809
                                     SELECT SUM (DISTINCT EXPO.STANDARD PX)
810
                                     AS STDPX.
                                        SUM (DISTINCT EXPO.NET PX)
811
                                                                    AS NETPX.
812
                                        SUM (DISTINCT EXPO.MODIFIED PX) AS
                                        MODPX.
813
                                        SUM (DISTINCT EXPO.WRITTEN PX) AS
                                        WRITPX,
814
                                        SUM (DISTINCT EXPO.PAYROLL AMT) AS
                                        PAYROLL
815
                                      INTO WS STDPX,
816
                                        WS NETPX,
                                        WS MODPX,
817
818
                                        WS WRTPX,
                                        WS PAYROLL
819
820
                                      FROM EXPOSURES EXPO
821
                                        ENDORSEMENTS ENDO
822
                                        ENDORSEMENT EXPOSURES ENDO EXPO,
823
                                        STATE CLASS DESCRIPTIONS STCD,
824
                                        STATE CLASSES STCL
825
                                     WHERE ENDO.ENDO ID
                                     ENDO EXPO.ENDO ID
                                        AND EXPO.EXPO ID = ENDO EXPO.EXPO ID
826
                                        AND STCD.STCD_ID = EXPO.STCD_ID
827
                                        AND STCL.STCL ID = STCD.STCL ID
828
829
                                        AND EXPO.RACO ID = WS RACO ID
830
                                        AND EXPOLOCA ID = WS LOCA ID
                                        AND ENDO EXPO.ENDO ID = WS ENDO ID
831
832
                                        AND EXPO.EFF DTE = WS EXPO EFF
833
                                        AND EXPO.CLASS CODE = WS CLASS
834
                                        AND ENDO.HIST CODE IN ('AD', 'AV');
835
                                 EXCEPTION
836
                                 WHEN NO DATA FOUND THEN
837
                                    WS STDPX := 0;
838
                                    WS NETPX := 0;
```

```
839
                                    WS MODPX := 0;
                                    WS WRTPX := 0;
840
841
                                 WHEN OTHERS THEN
842
                                    NULL:
843
                                 END:
844
                                 (=)=(=)=(=)
                                  IF WS MODPX < 0 THEN
845
                                    WS MODPX := 0;
846
847
                                  END IF:
848
                                 (=)=(=)=(=)
849
                                 IF W$ STDPX
                                                       = 0 THEN
                                    IF WS_NETPX
                                                        = 0 THEN
850
                                       IF WS_MODPX = 0 THEN
IF WS_WRTPX = 0 THEN
851
852
853
                                              WS PAYROLL := 0;
854
                                           END IF:
855
                                       END IF:
856
                                    END IF;
857
                                 END IF:
858
                                 (=)=(=)=(=)
859
                                 -- DETERMINE THE SPLIT LEVEL BASED ON THE
                                 EFFECTIVE/ANNIVERSARY DATES
860
                                 (=)=(=)=(=)
                                 WS_SECTION := 'WCUNEX1_20A';
IF WS_ANNIV_DTE IS NOT NULL THEN
WS_SECTION := 'WCUNEX1_21';
861
862
863
                                    IF WS EXPO EFF = WS RACOEFF THEN
864
                                       WS SECTION := 'WCUNEX1 22':
865
                                       WS SPLIT := 0:
866
867
                                    ELSE
                                       WS SECTION := 'WCUNEX1 23';
868
869
                                       WS EXPO EFF := WS MASTER DATE;
870
                                       WS SPLIT := 1;
871
                                    END IF;
872
                                 END IF:
873
874
                                 WS_$ECTION := 'WCUNEX1_23
IF W$_ANNIV_DTE IS NULL THEN
                                                      := 'WCUNEX1 23B';
875
876
                                    IF NVL (WS HOLD MODVAL, 0) = WS MODVAL
877
                                    THEN
                                       WS_SECTION := 'WCUNEX1_23C';
WS_EXPO_EFF := WS_RACOEFF;
878
879
880
                                    ELSE
881
                                       WS EXPO EFF := WS MODEFF;
882
                                    END IF:
883
                                 END IF:
884
```

```
WS_SECTION := 'WCUNEX1_23D';
IF WS CLASS = '9722' THEN
885
886
                                       IF WS ANNIV DTE IS NOT NULL THEN
887
888
                                           WS SECTION := 'WCUNEX1 23E':
                                           WS EXPO EFF := WS MODEFF;
889
890
                                       ELSE
891
                                           WS SECTION := 'WCUNEX1 23F';
892
                                           WS EXPO EFF := WS MODEFF;
893
                                       END IF;
894
                                    END IF:
895
                                    (=)=(=)=(=)
                                   WS_SECTION := 'WCUNEX1_24';
WS_MULT_EFF := WS_EXPO_EFF;
WS_SECTION := 'WCUNEX1_24B';
896
897
898
                                    IF NVL (WS RADE ID, 0) = 0 THEN
899
900
                                       WS MULTI := NULL;
901
                                    END IF:
                                    WS SECTION := 'WCUNEX1 25':
902
                                    IF WS EXPO EFF IS NULL THEN
903
904
                                       WS EXPO EFF := WS MASTER DATE;
905
                                    END IF:
                                    WS SECTION := 'WCUNEX1 26':
906
                                    WS PX TTL := WS PAYROLL + WS NETPX +
907
                                    WS MODPX + WS WRTPX + WS STDPX;
908
                                    909
                                    -- NOT ALL STATES REQUIRE SIMILAR
                                    CHARACTERISTICS FOR CLASS CODES
910
                                    WS $ECTION := 'WCUNEX1 27';
911
                                    IF W$ STATENUM = '42' THEN
912
913
                                       IF SUBSTR (WS CLASS, 1, 4) IN ('0063') THEN
                                            WS MOD IND := 'N':
914
915
                                       END IF:
916
                                    END IF:
917
                                    IF W$ STATENUM IN ('37') THEN
918
                                       IF SUBSTR (WS CLASS, 1, 4) IN ('9889', '9885',
919
                                       '9874', '9841', '9846', '9722', '9664', '9663', '0990') THEN
920
                                          WS MOD IND := 'N';
921
                                       END IF:
                                       IF SUBSTR (WS CLASS, 1, 4) = '9887' THEN
922
923
                                           WS MOD IND := 'Y';
924
                                       END IF:
925
                                    END IF:
926
                                    IF WS STATENUM IN ('21') THEN
927
                                       IF SUBSTR (WS CLASS, 1, 4) IN ('9889', '9885',
928
                                       '9874', '9841', '9890', '9846', '9722', '9664', '9663',
                                       '0990') THEN
929
                                          WS MOD IND := 'N';
930
                                       END IF:
                                       IF SUBSTR (WS CLASS, 1, 4) = '9887' THEN
931
932
                                           WS MOD IND := 'Y':
933
                                       END IF:
```

```
934
                                     END IF:
935
                                     IF W$ STATENUM = '31' THEN
936
937
                                        IF SUBSTR (WS CLASS, 1, 4) IN ('9889', '9885',
                                        '9887', '9874', '9841', '9890', '9846', '9722', '9664',
                                        '9663', '0990') THEN
                                            WS MOD IND := 'N';
938
939
                                        END IF:
940
                                     END IF:
941
                                     IF W$ STATENUM = '29' THEN
942
                                        IF SUBSTR (WS CLASS, 1, 4) IN ('9889', '9885',
943
                                        '9887', '9841', '9890', '9846', '9722', '9664', '9663',
                                        '0990','9874') THEN
                                            WS MOD IND := 'N';
944
945
                                        END IF:
946
                                     END IF:
947
                                     IF W$_STATENUM = '29' THEN
948
                                        IF SUBSTR (WS CLASS, 1, 4) IN ('0990') THEN
949
                                            WS_MOD_IND := 'N';
950
951
                                        END IF;
952
                                     END IF:
953
                                     IF WS STATENUM = '22' THEN
954
                                        IF SUBSTR (WS CLASS, 1, 4) IN ('0174') THEN
955
                                           WS MOD \overline{\text{IND}} := 'Y';
956
957
                                        END IF:
958
                                     END IF:
959
                                     IF W$ STATENUM = '35' THEN
960
                                        IF SUBSTR (WS CLASS, 1, 4) = '9664' THEN
961
962
                                            WS MOD IND := 'Y';
963
                                        END IF:
964
                                     END IF:
965
966
967
                                     968
                                     WS SECTION := 'WCUNEX1 27B';
969
                                     IF W$ STATENUM = '20' THEN
                                        WS MODPX := WS STDPX;
970
971
                                       -- dbms output.put line(WS SECTION||' '||ws modpx);
                                     WS SECTION := 'WCUNEX1 27c';
972
                                     END IF:
973
974
975
                                     if substr(WS CLASS, 1,4) in ('0120', '9807') THEN
976
                                        WS MULTI := 0;
977
978
                                     end if:
979
980
981
                                    WS SECTION := 'WCUNEX1 DEV';
                                    if WS STATENUM in ('14','20') then
982
983
                                    begin
984
                                    SELECT DISTINCT (1 -
                                    RATE MASTERS.DEVIATION PCT) AS MULTI
```

```
into WS DEVIATION
985
986
                                   FROM RATE DETAILS,
987
                                     RATE MASTERS
988
                                   WHERE RATE DETAILS.RATM ID =
                                   RATE MASTERS.RATM ID
989
                                   AND RATE DETAILS.RADE ID = WS RADE ID
990
                                   and RATE MASTERS.STATE = WS STATE ABB;
991
                                   exception
992
                                   when no data found then
993
                                    null;
994
                                   end:
995
996
                                  end if:
997
998
999
1000
1001
1002
1003
1004
                                   1005
1006
                               WS SECTION := 'WCUNEX1 27d';
1007
1008
1009
                                   INSERT
1010
                                    INTO TEMP_UNIT_EXPO
1011
1012
                                         ANNIV DTE
                                         CAT CODE
1013
                                         CLASS CODE
1014
                                         EXPOSURE EFFECTIVE
1015
1016
                                         EXPOSURE EFFECTIVE2,
                                         EXPOSURE EXPIRY
1017
1018
                                         EXPOSURE ID
                                         INTRASTATE IND
1019
1020
                                         LOCAT ID
1021
                                         LOCATION ID
1022
                                         MOD EFFECTIVE
1023
                                         MOD PREMIUM
1024
                                         MODIFIER VALUE
1025
                                         MULTIPLIER
1026
                                         MULTIPLIER EFFECTIVE.
1027
                                         NET PREMIUM
1028
                                         PAYROLL AMOUNT
1029
                                         POLICY EFF
                                         POLICY EXP
1030
1031
                                         POLICY NUMBER
1032
                                         RELEASE DTE
1033
                                         SPLIT IND
                                         STANDARD PREMIUM
1034
1035
                                         STATE ABBRV
1036
                                         STATE NUMBER
1037
                                         STREET1
1038
                                         STREET2
                                         USE_MOD_IND
1039
```

```
WRITTEN_PREMIUM ,
1040
1041
                                         ZIPCODE ID
1042
                                      VALUES
1043
1044
                                         WS ANNIV_DTE
1045
1046
                                         WS CATCODE
1047
                                         SUBSTR (WS CLASS, 1, 4),
1048
                                         WS EXPO EFF
                                         WS EXPO EFF2
1049
1050
                                         WS EXPO EXP
1051
                                         WS EXPO ID
1052
                                         WS INTRASTATE
                                         WS LOCA ID
1053
1054
                                         WS LOCT ID
                                         WS MODEFF
1055
1056
                                         WS MODPX
1057
                                         WS MODVAL
1058
                                         WS MULTI
1059
                                         WS MULT EFF
1060
                                         WS NETPX
1061
                                         WS PAYROLL
1062
                                         WS RACOEFF
1063
                                         WS RACOEXP
                                         WS POLNUM
1064
1065
                                         WS AR RELEASE
                                         WS SPLIT
1066
1067
                                         WS STDPX
                                         WS STATE ABB
1068
1069
                                         WS STATENUM
1070
                                         WS STREET1
                                         WS STREET2
1071
1072
                                         WS MOD IND
                                         WS WRTPX
1073
1074
                                         WS ZIP ID
1075
1076
                                   COMMIT;
1077
1078
                                   WS MODVAL KEEP := WS MODVAL;
1079
1080
                                   WS MODVAL := NULL;
1081
1082
                                   WS CLASS KEEP := WS CLASS;
1083
                                   WS MODEFF := NULL:
                                   WS $ECTION := 'WCUNEX1 28';
1084
1085
                                   BEGIN
1086
1087
                                      SELECT DISTINCT RATE DETAILS.MULTIPLIER AS
                                      MULTI,
1088
                                         'WCUNEX1 28B'
                                       INTO WS MULTI,
1089
                                         WS SECTION
1090
1091
                                       FROM RATE DETAILS,
                                         RATE MASTERS
1092
1093
                                       WHERE RATE DETAILS.RADE ID = WS RADE ID
                                         AND RATE DETAILS.RATM_ID =
1094
```

```
RATE MASTERS.RATM ID;
1095
                                  EXCEPTION
                                  WHEN NO DATA FOUND THEN
1096
1097
                                     BEGIN
                                        SELECT DISTINCT NVL
1098
                                        (RATE DETAILS.MULTIPLIER, NULL) AS MULTI,
1099
                                            'WCUNEX1 28C'
1100
                                          INTO WS MULTI,
1101
                                            WS SECTION
                                          FROM RATE DETAILS,
1102
1103
                                            RATE MASTERS
                                         WHERE NVL (RATE DETAILS.CLASS CODE,
1104
                                         WS CLASS) = WS CLASS
                                            AND RATE DETAILS.RATM ID
1105
                                            RATE MASTERS.RATM ID
1106
                                            AND RATE MASTERS.STATE
                                            WS STATE ABB;
1107
                                     EXCEPTION
1108
                                     WHEN NO DATA FOUND THEN
                                        WS SECTION := 'WCUNEX1 28D';
1109
1110
                                        WS MULTI := NULL;
1111
                                     WHEN TOO MANY ROWS THEN
1112
                                        NULL:
1113
                                     END;
                                  WHEN OTHERS THEN
1114
1115
                                     NULL;
1116
                                  END;
1117
1118
1119
1120
1121
1122
                                  WS $ECTION := 'WCUNEX1 28E';
1123
                                  SELECT MAX (MULTIPLIER)
                                   INTO WS HOLD MULTI
1124
                                   FROM TEMP UNIT EXPO TUNX
1125
                                   WHERE CLASS CODE = WS CLASS
1126
                                     AND STATE NUMBER = WS STATENUM;
1127
                                  IF W$ MULTI = 0 THEN
1128
1129
                                     IF WS HOLD MULTI <> WS MULTI THEN
1130
                                        WS MULTI := WS HOLD MULTI;
1131
                                     END IF:
1132
                                  END IF:
                                  WS SECTION := 'WCUNEX1 29';
1133
                                  IF W$ CATCODE = 'SCHED' THEN
1134
1135
                                     WS MULTI := WS HOLD MULTI;
1136
                                  ELSE
1137
                                     WS HOLD MULTI := WS MULTI;
1138
                                  END IF;
1139
1140
                                  (=)=(=)=(=)
                                  IF W$ CATCODE = 'SCHED' OR WS CATCODE =
1141
                                  'DISCOUNT' OR WS CATCODE = 'EXPCON' THEN
                                     WS MODVAL := 0;
1142
```

```
1143
                                END IF:
1144
                                (=)=(=)=(=)
1145
                                WS $ECTION := 'WCUNEX1 30 ';
1146
1147
                                 IF SUBSTR (WS CLASS, 1, 4) in
                                 ('0120','0174','0063','0935','0938','0931') THEN
1148
                                   WS MULTI := 0:
1149
                                 END IF:
1150
1151
                                 WS SECTION := 'WCUNEX1 31';
1152
                                 UPDATE TUNX
1153
                                SET MULTIPLIER = WS MULTI ,
                                   MULTIPLIER_EFFECTIVE = WS_MULT_EFF,
1154
1155
                                   CAT CODE = WS CATCODE
1156
                                 WHERE EXPOSURE ID = WS EXPO ID;
1157
                                COMMIT:
1158
1159
1160
                                WS MODVAL := NULL;
1161
1162
                             END LOOP: -- G
1163
                          END LOOP:
                                      -- E2
1164
                       END LOOP:
                                      -- e loop
1165
                    END LOOP;
                                      -- D
                                      --REC1
1166
                 END LOOP:
              END LOOP;
1167
                                      -- B2
          END LOOP: -- a loop
1168
1169
1170
           -- CLASS CODE 9848 IS NOT REPORTED: INSTEAD ITS VALUES ARE ADDED TO
1171
           CLASS
1172
           -- CODES 9807, 9812, AND 6199
1173
           1174
          FOR F9 IN FIND 9848
          LOOP
1175
1176
              WS MODPX := 0:
1177
              WS HOLD MODPX := 0;
              WS SECTION := 'WCUNEX1 32';
1178
              WS POLNUM := F9.POLY NO;
1179
1180
              WS STATENUM := F9.STATE NO;
             WS_CLASS := F9.CLASS;
1181
1182
              WS MULTI := F9.MULTI;
              WS NETPX := F9.NETPX;
1183
1184
              WS MODPX := F9.MODPX;
             WS STDPX := F9.STDPX;
1185
1186
             WS EXPO EFF := F9.EFFDATE;
              WS LOCA ID := F9.LOCATID:
1187
1188
1189
1190
              FOR D9
                       IN DELETE 9848
1191
              LOOP
1192
                 WS SECTION
                                        := 'WCUNEX1 33';
1193
                 WS HOLD STATENUM
                                            := D9.STATE NO;
1194
                 WS HOLD POLNUM
                                           := D9.POLY NO;
```

```
1195
                   WS HOLD CLASS
                                              := D9.CLASS;
1196
                   WS HOLD MULTI
                                              := D9.MULTI;
                                              := D9.NETPX;
                   WS HOLD NETPX
1197
1198
                   WS HOLD MODPX
                                               := D9.MODPX;
                                              := D9.STDPX;
1199
                   WS HOLD STDPX
                  WS_HOLD_EXPO_EFF
                                                := D9.EFFDATE;
1200
1201
                  IF WS_HOLD_EXPO_EFF = WS_EXPO_EFF THEN
IF WS_HOLD_CLASS = '9848' THEN
IF WS_POLNUM = WS_HOLD_POLNUM THEN
1202
1203
1204
                             IF WS STATENUM = WS HOLD STATENUM THEN
1205
                                 WS SECTION := 'WCUNEX1 34A';
1206
1207
1208
                                 WS SECTION :=
1209
                                 'WCUNEX1 34B';
1210
                                 WS NETPX := WS NETPX + WS HOLD NETPX;
1211
                                 WS MODPX := (WS MODPX + WS HOLD MODPX);
1212
1213
1214
                                 WS SECTION := 'WCUNEX1 35';
                                 UPDATE TEMP UNIT EXPO
1215
                                 SET CLA$S CODE = WS CLASS,
1216
                                 NET_PREMIUM = WS_NETPX,
MOD_PREMIUM = WS_MODPX
WHERE CLASS_CODE = WS_CLASS
1217
1218
1219
                                    AND POLICY_NUMBER = WS_POLNUM
1220
                                    AND STATE NUMBER = WS STATENUM
1221
1222
                                    AND EXPOSURE EFFECTIVE = WS EXPO EFF
1223
                                    AND LOCAT ID = WS LOCA ID
1224
1225
                                 COMMIT;
1226
1227
                             END IF:
1228
                          END IF:
1229
                      END IF:
1230
                   END IF;
1231
               END LOOP:
1232
            END LOOP:
1233
            DELETE FROM TEMP UNIT EXPO WHERE CLASS CODE = '9848';
1234
            COMMIT:
1235
1236
            SELECT TO_CHAR (SYSDATE, 'HH24:MI:SS')
1237
1238
             INTO VAR STOP
1239
             FROM DUAL;
1240
1241
            DBMS OUTPUT.PUT LINE (VAR $TART);
1242
            DBMS OUTPUT.PUT LINE (VAR $TOP);
1243
1244
        EXCEPTION
        WHEN NO DATA FOUND THEN
1245
1246
            WS MOD IND := 'N';
            DBMS_OUTPUT.PUT_LINE ('****** NO DATA FOUND *****************************);
1247
            DBMS OUTPUT.PUT LINE ('SECTION'||WS_SECTION);
1248
            DBMS OUTPUT.PUT LINE (SQLERRM);
1249
```

```
DBMS OUTPUT.PUT LINE (DBMS UTILITY.FORMAT ERROR BACKTRACE);
1250
1251
            DBMS OUTPUT.PUT LINE ('SQLCODE: '||SQLCODE):
            DBMS OUTPUT.PUT LINE ('PROCESSING RACO: '||WS_RACO_ID||' RACOEFF:
1252
            '||WS_RACOEFF||' ENDO: '||WS_ENDO_ID||' LOCA: '||WS_LOCA_ID||' EXPO:
            '||WS EXPO ID||' RADE: '||WS RADE ID);
1253
            DBMS OUTPUT.PUT LINE ('POLICY: '||WS POLNUM||' CLASS: '||WS CLASS||'
            EXPOEFF: '||WS EXPO EFF);
           1254
1255
        WHEN TOO MANY ROWS THEN
1256
            WS MOD IND := 'N';
1257
           DBMS OUTPUT.PUT LINE ('****** TOO MANY ROWS **********************************);
1258
            DBMS OUTPUT.PUT LINE ('SECTION'||WS SECTION);
1259
            DBMS OUTPUT.PUT LINE (SQLERRM):
1260
            DBMS OUTPUT.PUT LINE (DBMS UTILITY.FORMAT ERROR BACKTRACE);
1261
            DBMS_OUTPUT.PUT_LINE ('SQLCODE: '||SQLCODE);
            DBMS OUTPUT.PUT LINE ('PROCESSING RACO: '||WS RACO ID||' RACOEFF:
1262
            '||WS_RACOEFF||' ENDO: '||WS_ENDO_ID||' LOCA: '||WS_LOCA_ID||' EXPO:
            '||WS EXPO ID||' RADE: '||WS RADE ID);
1263
            DBMS OUTPUT.PUT LINE ('POLICY: '||WS POLNUM||' CLASS: '||WS CLASS||'
            EXPOEFF: '||WS EXPO EFF):
            DBMS_OUTPUT_PUT_LINE ('****** END OF LINE *******************************);
1264
1265
        WHEN OTHERS THEN
            1266
           DBMS OUTPUT.PUT LINE ('SECTION '||WS_SECTION);
1267
            DBMS OUTPUT.PUT LINE (SQLERRM):
1268
1269
            DBMS OUTPUT.PUT LINE (DBMS UTILITY.FORMAT ERROR BACKTRACE);
            DBMS OUTPUT.PUT LINE ('SQLCODE: '||SQLCODE);
1270
1271
            DBMS OUTPUT.PUT LINE ('PROCESSING RACO: '||WS RACO ID||' RACOEFF:
            '||WS RACOEFF||' ENDO: '||WS ENDO ID||' LOCA: '||WS LOCA ID||' EXPO:
            '||WS EXPO ID||' RADE: '||WS RADE ID);
            DBMS OUTPUT.PUT LINE ('POLICY: '||WS POLNUM||' CLASS: '||WS_CLASS||'
1272
            EXPOEFF: 'IIWS EXPO EFF);
            DBMS_OUTPUT.PUT_LINE ('****** END OF LINE *******************);
1273
1274
            SELECT TO CHAR (SYSDATE, 'HH24:MI:SS') INTO VAR STOP FROM DUAL;
1275
            DBMS OUTPUT.PUT LINE (VAR $TART);
1276
1277
            DBMS OUTPUT.PUT LINE (VAR $TOP);
1278
        END;
1279
        /
1280
1281
```