```
{Application 'BPCS_TABN' logic file generated by CSPro }
PROC GLOBAL
    array numeric tab_uni(1730,37);
    array numeric tab_tfa(1730,37);
    array numeric tab_tcc(1730,37);
    numeric regn, prvrecode;
    numeric opt_set1, opt_set2, opt_set3, i, j, k;
    numeric t_uni,t_tfa,t_tcc,colptr,ptr1,ptr2,ptr3,nunits,temp;
    numeric t10_sw,t11_sw,t20_sw,t21_sw,t30_sw,t31_sw,t40_sw,t41_sw,t50_sw,t51_sw,t60_sw,t70_sw;

    alpha(35) stub_desc;
    alpha(50) hd2;
    alpha(50) hdqtr;
    alpha(4) ii, search_id;
    alpha(6) lu_rrppmun;
    alpha(2) search_pp, search_mm;
    array alpha(15) mant(12);
{     alpha(35) stub_desc(1726); }

function tbl_head(tblno);
if tblno = 10 then
if t10_sw = 0 then
write("              TABLE 1.  NUMBER, FLOOR AREA AND VALUE OF BUILDING CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
write(" ===============================================================================================================");
write("                                       TOTAL                  RESIDENTIAL                   NON-RESIDENTIAL");
write("          PROVINCE/            Number  Floor Area    Value    Number  Floor Area    Value    Number  Floor Area   Value");
write("      CITY/MUNICIPALITY                (sq.m.)      (P1000)           (sq.m.)      (P1000)            (sq.m.)    (P1000)");
write("                               ================================================================================================");
write("                                 (1)      (2)         (3)      (4)      (5)         (6)        (7)      (8)        (9)");
write(" ===============================================================================================================");
t10_sw = 1;
endif;
elseif tblno = 11 then
if t11_sw = 0 then
write("
");
write("              TABLE 1(Continued).  NUMBER, FLOOR AREA AND VALUE OF BUILDING CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
write(" ===============================================================================================================");
write("                                      ADDITIONS           ALTERATIONS/REPAIRS     DEMOLITIONS        STREET FURNITURES...
");
write("          PROVINCE/            Number  Floor Area    Value    Number     Value     Number     Value    Number     Value");
write("      CITY/MUNICIPALITY                (sq.m.)      (P1000)             (P1000)             (P1000)             (P1000)");
write("                               ================================================================================================");
write("                                (10)     (11)        (12)      (13)      (14)       (15)       (16)     (17)       (18)");
write(" ===============================================================================================================");
t11_sw = 1;
endif;
elseif tblno = 20 then
if t20_sw = 0 then
write("
");
```

```
write("           TABLE 2.  NUMBER OF NEW RESIDENTIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, %s",strip(hd2));
write(" ===================================================================================================================");
write("                                                     TOTAL                     SINGLE                   DUPLEX/QUADRUPLEX         ");
write("           PROVINCE/                   Number  Floor Area    Value      Number Floor Area   Value     Number Floor Area    Value      ");
write("        CITY/MUNICIPALITY                      (sq.m.)     (P1000)             (sq.m.)     (P1000)            (sq.m.)     (P1000)  ");
write("                                       ============================================================================================");
write("                                        (1)       (2)         (3)        (4)       (5)         (6)        (7)       (8)         (9)    ");
write(" ===================================================================================================================");
t20_sw = 1;
endif;
elseif tblno = 21 then
if t21_sw = 0 then
write("
");
write("           TABLE 2(Continued).  NUMBER OF NEW RESIDENTIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, %s",strip(hd2));
write(" ===================================================================================================================");
write("                                             APARTMENT/ACCESORIA          RESIDENTIAL CONDOMINIUM            OTHERS              ");
write("           PROVINCE/                   Number  Floor Area    Value      Number Floor Area   Value     Number Floor Area    Value      ");
write("        CITY/MUNICIPALITY                      (sq.m.)     (P1000)             (sq.m.)     (P1000)            (sq.m.)     (P1000)  ");
write("                                       ============================================================================================");
write("                                        (10)      (11)       (12)        (13)      (14)        (15)       (16)      (17)        (18)  ");
write(" ===================================================================================================================");
t21_sw = 1;
endif;
elseif tblno = 30 then
if t30_sw = 0 then
write("
");
write("           TABLE 3.  NUMBER OF NEW NON-RESIDENTIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
write(" ===================================================================================================================");
write("                                                     TOTAL                    COMMERCIAL                   INDUSTRIAL");
write("           PROVINCE/                   Number  Floor Area    Value      Number Floor Area   Value     Number Floor Area    Value      ");
write("        CITY/MUNICIPALITY                      (sq.m.)     (P1000)             (sq.m.)     (P1000)            (sq.m.)     (P1000)  ");
write("                                       ============================================================================================");
write("                                        (1)       (2)         (3)        (4)       (5)         (6)        (7)       (8)         (9)    ");
write(" ===================================================================================================================");
t30_sw = 1;
endif;
elseif tblno = 31 then
if t31_sw = 0 then
write("
");
write("    TABLE 3(Continued).  NUMBER OF NEW NON-RESIDENTIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
write(" ===================================================================================================================");
write("                                             INSTITUTIONAL               AGRICULTURAL            OTHERS         ");
write("           PROVINCE/                   Number  Floor Area    Value      Number Floor Area   Value     Number      Value  ");
write("        CITY/MUNICIPALITY                      (sq.m.)     (P1000)             (sq.m.)     (P1000)             (P1000)");
write("                                       ============================================================================================");
write("                                        (10)      (11)       (12)        (13)      (14)        (15)       (16)      (17)   ");
write(" ===================================================================================================================");
t31_sw = 1;
```

```
      endif;
   elseif tblno = 40 then
   if t40_sw = 0 then
   write("
");
   write("           TABLE 4.  NUMBER OF NEW COMMERCIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
   write(" ===========================================================================================================================");
   write("                                            TOTAL                       BANKS                    HOTEL/MOTEL, ETC.");
   write("           PROVINCE/               Number  Floor Area    Value    Number Floor Area    Value    Number Floor Area    Value     ");
   write("        CITY/MUNICIPALITY                   (sq.m.)     (P1000)          (sq.m.)      (P1000)           (sq.m.)      (P1000)  ");
   write("                                   ========================================================================================");
   write("                                     (1)      (2)         (3)      (4)      (5)         (6)       (7)      (8)         (9)   ");
   write(" ===========================================================================================================================");
   t40_sw = 1;
   endif;
   elseif tblno = 41 then
   if t41_sw = 0 then
   write("
");
   write("           TABLE 4(Continued).  NUMBER OF NEW COMMERCIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
   write(" ===========================================================================================================================");
   write("                             CONDOMINUIM/OFFICE BUILDING             STORE                          OTHERS             ");
   write("           PROVINCE/               Number  Floor Area    Value    Number Floor Area    Value    Number Floor Area    Value     ");
   write("        CITY/MUNICIPALITY                   (sq.m.)     (P1000)          (sq.m.)      (P1000)           (sq.m.)      (P1000)  ");
   write("                                   ========================================================================================");
   write("                                    (10)     (11)        (12)     (13)     (14)        (15)      (16)     (17)        (18)  ");
   write(" ===========================================================================================================================");
   t41_sw = 1;
   endif;
   elseif tblno = 50 then
   if t50_sw = 0 then
   write("
");
   write("           TABLE 5.  NUMBER OF NEW INDUSTRIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
   write(" ===========================================================================================================================");
   write("                                            TOTAL                      FACTORY           REPAIR SHOP/MACHINE SHOP");
   write("           PROVINCE/               Number  Floor Area    Value    Number Floor Area    Value    Number Floor Area    Value     ");
   write("        CITY/MUNICIPALITY                   (sq.m.)     (P1000)          (sq.m.)      (P1000)           (sq.m.)      (P1000)  ");
   write("                                   ========================================================================================");
   write("                                     (1)      (2)         (3)      (4)      (5)         (6)       (7)      (8)         (9)   ");
   write(" ===========================================================================================================================");
   t50_sw = 1;
   endif;
   elseif tblno = 51 then
   if t51_sw = 0 then
   write("
```

```
    ");
    write("          TABLE 5(Continued).  NUMBER OF NEW INDUSTRIAL BUILDING CONSTRUCTIONS STARTED, FLOOR AREA AND VALUE OF CONSTRUCTIONS, BY TYPE OF BUILDING, %s",strip(hd2));
    write(" ===================================================================================================================");
    write("                                   REFINERY                   PRINTING PRESS                      OTHERS");
    write("       PROVINCE/              Number   Floor Area   Value    Number  Floor Area   Value    Number  Floor Area    Value    ");
    write("       CITY/MUNICIPALITY               (sq.m.)     (P1000)           (sq.m.)     (P1000)            (sq.m.)      (P1000)  ");
    write("                             ======================================================================================================");
    write("                              (10)     (11)         (12)     (13)     (14)        (15)     (16)     (17)         (18)  ");
    write(" ===================================================================================================================");
    t51_sw = 1;
    endif;
    elseif tblno = 60 then
    if t60_sw = 0 then
    write("
```

```
");
write(" =======================================================================================================");
write("         PROVINCE/                        Number   Floor Area   Value      Number   Floor Area   Value      Number   Floor Area   Value      ");
write("      CITY/MUNICIPALITY                            (sq.m.)      (P1000)             (sq.m.)      (P1000)             (sq.m.)      (P1000)  ");
write("                                         ===========================================================================================");
write("                                          (1)      (2)          (3)        (4)      (5)          (6)        (7)      (8)          (9)   ");
write(" =======================================================================================================");
t60_sw = 1;
endif;
elseif tblno = 70 then
if t70_sw = 0 then
write("
```

```
");
write(" ============================================================================================================");
write("         PROVINCE/                      Number   Floor Area    Value      Number   Floor Area    Value      Number   Floor Area    Value     ");
write("      CITY/MUNICIPALITY                          (sq.m.)     (P1000)               (sq.m.)     (P1000)               (sq.m.)     (P1000)  ");
write("                                        =====================================================================================================");
write("                                          (1)      (2)         (3)        (4)      (5)          (6)        (7)       (8)         (9)    ");
write(" ============================================================================================================");
{      12345678901234567890123456789012345 123456789 123456789 123456789012 123456789 123456789 123456789012 123456789 123456789 12345678912}
t70_sw = 1;
endif;
endif;
end;


function get_stub()
        ii = edit("9999",j);
        if loadcase(pointers_dict,ii) = 1 then
            if edit("9999",acode)[3:2] = "00" then
               write(" ");
               stub_desc = area_name;
            else
               stub_desc = concat("  ", area_name);
            endif;
        else
            stub_desc = concat(ii[1:2], " ", ii[3:2]);
        endif;
end;


PROC MERGE_DD_FF
preproc
        mant(1) = "January";
        mant(2) = "February";
        mant(3) = "March";
        mant(4) = "April";
        mant(5) = "May";
        mant(6) = "June";
        mant(7) = "July";
        mant(8) = "August";
        mant(9) = "September";
        mant(10) = "October";
        mant(11) = "November";
        mant(12) = "December";

        do varying j = 0 until j > 1729
            do varying k = 0 until k > 36
               tab_uni(j,k) = 0;
               tab_tfa(j,k) = 0;
               tab_tcc(j,k) = 0;
            enddo;
        enddo;

{  table criteria stored here }
```

```
opt_set1 = 24;
opt_set2 = 1;
opt_set3 = 9;
postproc
if opt_set3 = 9 then
    hd2=hdqtr;
elseif opt_set3 = 1 then
    hd2=concat("NATIONAL GOVERNMENT OWNED:",hdqtr);
elseif opt_set3 = 2 then
    hd2=concat("LOCAL GOVERNMENT OWNED:",hdqtr);
elseif opt_set3 = 0 then
    hd2=concat("PRIVATE OWNERSHIP:",hdqtr);
endif;


        do varying i = 0 until i > 1729
           do varying j = 0 until j > 36
              tab_tcc(i,j) = tab_tcc(i,j) / 1000;
           enddo;
        enddo;

        do varying i = 0 until i > 1729
           tab_uni(i,12) = tab_uni(i,13) + tab_uni(i,14) + tab_uni(i,15) + tab_uni(i,16)+tab_uni(i,17);
           tab_tfa(i,12) = tab_tfa(i,13) + tab_tfa(i,14) + tab_tfa(i,15) + tab_tfa(i,16)+tab_tfa(i,17);
           tab_tcc(i,12) = tab_tcc(i,13) + tab_tcc(i,14) + tab_tcc(i,15) + tab_tcc(i,16)+tab_tcc(i,17);

           tab_uni(i,20) = tab_uni(i,21) + tab_uni(i,22) + tab_uni(i,23) + tab_uni(i,24)+tab_uni(i,25);
           tab_tfa(i,20) = tab_tfa(i,21) + tab_tfa(i,22) + tab_tfa(i,23) + tab_tfa(i,24)+tab_tfa(i,25);
           tab_tcc(i,20) = tab_tcc(i,21) + tab_tcc(i,22) + tab_tcc(i,23) + tab_tcc(i,24)+tab_tcc(i,25);

           tab_uni(i,1) = tab_uni(i,7) + tab_uni(i,8) + tab_uni(i,9) + tab_uni(i,10)+tab_uni(i,11);
           tab_tfa(i,1) = tab_tfa(i,7) + tab_tfa(i,8) + tab_tfa(i,9) + tab_tfa(i,10)+tab_tfa(i,11);
           tab_tcc(i,1) = tab_tcc(i,7) + tab_tcc(i,8) + tab_tcc(i,9) + tab_tcc(i,10)+tab_tcc(i,11);

           tab_uni(i,2) = tab_uni(i,12) + tab_uni(i,20) + tab_uni(i,26) + tab_uni(i,27)+tab_uni(i,28);
           tab_tfa(i,2) = tab_tfa(i,12) + tab_tfa(i,20) + tab_tfa(i,26) + tab_tfa(i,27);{+tab_tfa(i,28);}
           tab_tcc(i,2) = tab_tcc(i,12) + tab_tcc(i,20) + tab_tcc(i,26) + tab_tcc(i,27)+tab_tcc(i,28);
        enddo;

        do varying j = 0 until j > 1729
           t_uni = tab_uni(j,1) + tab_uni(j,2) + tab_uni(j,3) + tab_uni(j,4);
           t_tfa = tab_tfa(j,1) + tab_tfa(j,2) + tab_tfa(j,3);
           t_tcc = tab_tcc(j,1) + tab_tcc(j,2) + tab_tcc(j,3) + tab_tcc(j,4);
           if t_uni > 0 then
              get_stub();
              tbl_head(10);
              write("%35s, %9d, %9d, %12d, %9d, %9d, %12d, %9d, %9d,
%12d",stub_desc,t_uni,t_tfa,t_tcc,tab_uni(j,1),tab_tfa(j,1),tab_tcc(j,1),tab_uni(j,2),tab_tfa(j,2),tab_tcc(j,2));
           endif;
        enddo;
```

```
        do varying j = 0 until j > 1729
            t_uni = tab_uni(j,1) + tab_uni(j,2) + tab_uni(j,3) + tab_uni(j,4) + tab_uni(j,5) + tab_uni(j,6);
            if t_uni > 0 then
                get_stub();
                tbl_head(11);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,tab_uni(j,3),tab_tfa(j,3),tab_tcc(j,3),tab_uni(j,4),tab_tcc(j,4),tab_uni(j,5),tab_tcc(j,5),tab_uni(j,6),tab_tcc(j,6));
            endif;
        enddo;

{ table 2}
        do varying j = 0 until j > 1729
            t_uni = tab_uni(j,7) + tab_uni(j,8) + tab_uni(j,9) + tab_uni(j,10) + tab_uni(j,11);
            t_tfa = tab_tfa(j,7) + tab_tfa(j,8) + tab_tfa(j,9) + tab_tfa(j,10) + tab_tfa(j,11);
            t_tcc = tab_tcc(j,7) + tab_tcc(j,8) + tab_tcc(j,9) + tab_tcc(j,10) + tab_tcc(j,11);
            if t_uni>0 then
                get_stub();
                tbl_head(20);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,t_uni,t_tfa,t_tcc,tab_uni(j,7),tab_tfa(j,7),tab_tcc(j,7),tab_uni(j,8),tab_tfa(j,8),tab_tcc(j,8));
            endif;
        enddo;
{ table 2. continued}
        do varying j = 0 until j > 1729
            t_uni = tab_uni(j,7) + tab_uni(j,8) + tab_uni(j,9) + tab_uni(j,10) + tab_uni(j,11);
            if t_uni>0 then
                get_stub();
                tbl_head(21);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,tab_uni(j,9),tab_tfa(j,9),tab_tcc(j,9),tab_uni(j,10),tab_tfa(j,10),tab_tcc(j,10),tab_uni(j,11),tab_tfa(j,11),tab_tcc(j,11));
            endif;
        enddo;

{table 3}
        do varying j = 0 until j > 1729
            if tab_uni(j,2)>0 then
                get_stub();
                tbl_head(30);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,tab_uni(j,2),tab_tfa(j,2),tab_tcc(j,2),tab_uni(j,12),tab_tfa(j,12),tab_tcc(j,12),tab_uni(j,20),tab_tfa(j,20),tab_tcc(j,20));
            endif;
        enddo;

{table 3 cont.}
        do varying j = 0 until j > 1729
            if tab_uni(j,2)>0 then
                get_stub();
                tbl_head(31);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %8d,
%12d",stub_desc,tab_uni(j,26),tab_tfa(j,26),tab_tcc(j,26),tab_uni(j,27),tab_tfa(j,27),tab_tcc(j,27),tab_uni(j,28),tab_tcc(j,28));
```

```
            endif;
        enddo;

{table 4}
        do varying j = 0 until j > 1729
            if tab_uni(j,12)>0 then
                get_stub();
                tbl_head(40);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,tab_uni(j,12),tab_tfa(j,12),tab_tcc(j,12),tab_uni(j,13),tab_tfa(j,13),tab_tcc(j,13),tab_uni(j,14),tab_tfa(j,14),tab_tcc(j,14));
            endif;
        enddo;
{table 4 cont.}
        do varying j = 0 until j > 1729
            if tab_uni(j,12) > 0 then
                get_stub();
                tbl_head(41);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,tab_uni(j,15),tab_tfa(j,15),tab_tcc(j,15),tab_uni(j,16),tab_tfa(j,16),tab_tcc(j,16),tab_uni(j,17),tab_tfa(j,17),tab_tcc(j,17));
            endif;
        enddo;
{table 5}
        do varying j = 0 until j > 1729
            if tab_uni(j,20)>0 then
                get_stub();
                tbl_head(50);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,tab_uni(j,20),tab_tfa(j,20),tab_tcc(j,20),tab_uni(j,21),tab_tfa(j,21),tab_tcc(j,21),tab_uni(j,22),tab_tfa(j,22),tab_tcc(j,22));
            endif;
        enddo;
{table 5 cont.}
        do varying j = 0 until j > 1729
            if tab_uni(j,20)>0 then
                get_stub();
                tbl_head(51);
                write("%35s, %9d, %9d, %12d, %9d, %12d, %9d, %12d, %9d,
%12d",stub_desc,tab_uni(j,23),tab_tfa(j,23),tab_tcc(j,23),tab_uni(j,24),tab_tfa(j,24),tab_tcc(j,24),tab_uni(j,25),tab_tfa(j,25),tab_tcc(j,25));
            endif;
        enddo;



PROC quest
preproc
    colptr = 0;

postproc;

if ptr3 < 1730 then
    tab_uni(0,   colptr) = tab_uni(0,   colptr) + units;
    tab_tfa(0,   colptr) = tab_tfa(0,   colptr) + tfa_flrarea;
```

```
        tab_tcc(0,    colptr) = tab_tcc(0,    colptr) + tcc_costtotal;
        tab_uni(ptr1,colptr) = tab_uni(ptr1,colptr) + units;
        tab_tfa(ptr1,colptr) = tab_tfa(ptr1,colptr) + tfa_flrarea;
        tab_tcc(ptr1,colptr) = tab_tcc(ptr1,colptr) + tcc_costtotal;
        tab_uni(ptr2,colptr) = tab_uni(ptr2,colptr) + units;
        tab_tfa(ptr2,colptr) = tab_tfa(ptr2,colptr) + tfa_flrarea;
        tab_tcc(ptr2,colptr) = tab_tcc(ptr2,colptr) + tcc_costtotal;
        tab_uni(ptr3,colptr) = tab_uni(ptr3,colptr) + units;
        tab_tfa(ptr3,colptr) = tab_tfa(ptr3,colptr) + tfa_flrarea;
        tab_tcc(ptr3,colptr) = tab_tcc(ptr3,colptr) + tcc_costtotal;
endif;



PROC FN_num
    if $ = notappl then
       skip case;
    endif;

PROC DOI_MM

       if opt_set1 = 21 and not $ in 1:3 then
          skip case;
       elseif opt_set1 = 22 and not $ in 4:6 then
          skip case;
       elseif opt_set1 = 23 and not $ in 7:9 then
          skip case;
       elseif opt_set1 = 24 and not $ in 10:12 then
          skip case;
       endif;

if opt_set1 in 301:312 then
    if not $ = tonumber(edit("999",opt_set1)[2:2]) then
       skip case;
    endif;
endif;
if opt_set1 = 301 and $ <> 1 then
    skip case;
elseif opt_set1 = 302 and $ <> 2  then
    skip case;
elseif opt_set1 = 303 and $ <> 3 then
    skip case;
elseif opt_set1 = 304 and $ <> 4 then
    skip case;
elseif opt_set1 = 305 and $ <> 5 then
    skip case;
elseif opt_set1 = 306 and $ <> 6 then
    skip case;
elseif opt_set1 = 307 and $ <> 7 then
    skip case;
elseif opt_set1 = 308 and $ <> 8 then
```

```
    skip case;
elseif opt_set1 = 309 and $ <> 9 then
    skip case;
elseif opt_set1 = 310 and $ <> 10 then
    skip case;
elseif opt_set1 = 311 and $ <> 11 then
    skip case;
elseif opt_set1 = 312 and $ <> 12 then
    skip case;
endif;

PROC DOI_YY
     if opt_set1 = 21 then
        hdqtr=concat("1st QUARTER:20",edit("99",doi_yy));
     elseif opt_set1 = 22 then

        hdqtr=concat("2nd QUARTER:20",edit("99",doi_yy));
     elseif opt_set1 = 23 then
        hdqtr=concat("3rd QUARTER:20",edit("99",doi_yy));
     elseif opt_set1 = 24 then
        hdqtr=concat("4th QUARTER:20",edit("99",doi_yy));
     elseif edit("999",opt_set1)[1:1] = "1" then
        hdqtr=concat("20",edit("999",opt_set1)[2:2]);
     elseif edit("999",opt_set1)[1:1] = "3" then
        hdqtr=concat(strip(mant((opt_set1 - 300))),", ","20",edit("99",doi_yy));
     endif;

PROC FOWN_OWNER

     if opt_set3 = 1 and not $ in 4,9 then
        skip case;
     elseif opt_set3 = 2 and not $ = 8 then
        skip case;
     elseif opt_set3 = 3 and not $ in 0,1,2,3,5,6,7 then
        skip case;
     endif;

PROC LOC_LOCATION

     search_pp = $[1:2];
     search_mm = $[3:2];

     search_id = CONCAT(search_pp,search_mm);

     if search_id = "2304" then
        search_id = "8201"
     elseif search_id = "2308" then
        search_id = "8204"
     elseif search_id = "2310" then
        search_id = "8207"
     elseif search_id = "2312" then
```

```
      search_id = "8209"
elseif search_id = "2313" then
      search_id = "8210"
elseif search_id = "2320" then
      search_id = "8205"
elseif search_id = "2316" then
      search_id = "8211"
elseif search_id = "2311" then
      search_id = "8208"
elseif search_id = "2307" then
      search_id = "8203"
elseif search_id = "2324" then
      search_id = "2323"
elseif search_id = "2306" then
      search_id = "8202"
elseif search_pp = "91" then
      search_id = concat("39",search_mm)
elseif search_pp in "92", "93" then
      search_id = concat("74",search_mm)
elseif search_pp = "94" then
      search_id = concat("75",search_mm)
elseif search_pp in "95", "96" then
      search_id = concat("76",search_mm)

elseif search_id = "7301" then
      search_id = "8301"
elseif search_id = "7304" then
      search_id = "8302"
elseif search_id = "7309" then
      search_id = "8305"
elseif search_id = "7310" then
      search_id = "8306"
elseif search_id = "7314" then
      search_id = "8307"
elseif search_id = "7316" then
      search_id = "8308"
elseif search_id = "7320" then
      search_id = "8309"
elseif search_id = "7321" then
      search_id = "8310"
elseif search_id = "7326" then
      search_id = "8313"
elseif search_id = "7329" then
      search_id = "8315"
elseif search_id = "7331" then
      search_id = "8316"
elseif search_id = "7334" then
      search_id = "8314"
elseif search_id = "7335" then
      search_id = "8311"
elseif search_id = "7336" then
```

```
      search_id = "8304"
   elseif search_id = "7339" then
      search_id = "8303"
   elseif search_id = "7342" then
      search_id = "8312"

   endif;

    if loadcase(ppmun_ndx_dict,search_id) = 1 then
      ptr1 = lfndx1;
      ptr2 = lfndx2;
      ptr3 = lfndx3;
      if ptr1 = ptr2 then
         ptr1 = 0;
      endif;
      if opt_set2 = 1 then
         ptr1 = 1730;
         ptr2 = 1730;
      elseif opt_set2 = 2 then
         ptr1 = 1730;
      endif;

   else
      write("This area code is not found in the reference files");
      write("and was not included in the tabulation. FNSN = %d%02d%03d%02d PROV = %02d  MUN = %02d %s", fn_qtr,fn_prov,fn_num,sn_sheetno,prov, mun,location);
      ptr1 = 1730;
      ptr2 = 1730;
      ptr3 = 1730;
   endif;

proc scope
proc units
   if special($)  then
      $ = 0;
   endif;
proc tcc_costtotal
   if special($) then
      $ = 0;
   endif;
proc tfa_flrarea
   if special($) then
      $ = 0;
   endif;

proc tocc

   if $ in 71:75 then
      colptr = 6;
   elseif scope = 1 and tocc in 10:15 then
      temp=temp+units;
      recode tocc => colptr;
```

```
              10 => 11;
              11 => 7;
              12 => 8;
              13 => 9;
              14 => 8;
              15 => 10;
    endrecode;
elseif scope = 1 and tocc in 20:29 then
   recode tocc => colptr;
              20 => 17;
              21 => 13;
              22 => 16;
              23 => 14;
              24 => 15;
        25,26,27 => 17;
              28 => 16;
              29 => 14;
     endrecode;
elseif scope = 1 and tocc in 30:37 then
   recode tocc => colptr;
              30 => 25;
              31 => 21;
              32 => 22;
              33 => 23;
              34 => 24;
        35,36,37 => 25;
     endrecode;
elseif scope = 1 and tocc in 40:47 then
     colptr = 26;
elseif scope = 1 and tocc in 50:52 then
     colptr = 27;

elseif scope = 1 and tocc in 61:64 then
     colptr = 17;

elseif scope = 1 and tocc = 60 then
     colptr = 28;
elseif scope = 2 then
     colptr = 3;
elseif scope in 3,4 then
     colptr = 4;
elseif scope = 5 then
     colptr = 5;
endif;
```