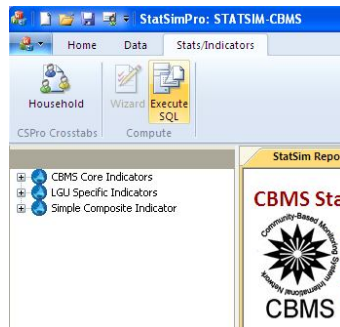
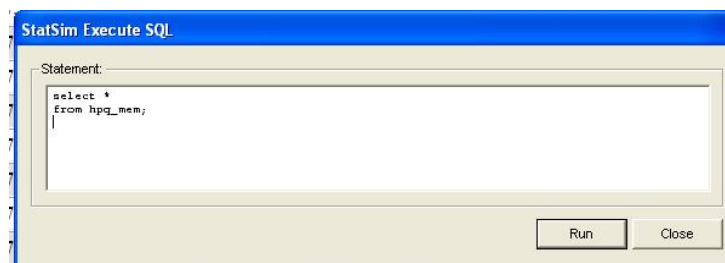


Executing SQL statements to generate CBMS data using Statsim

Before executing an SQL syntax in the statsim, the text files must be imported and processed first (The steps as specified in the StatSim manual). To execute an SQL statement, click **Stats/Indicators** in the main menu and select **Execute SQL**.



When the StatSim Execute SQL window appear, copy and paste a syntax and click the button **Run** and if the syntax is correct, the desired table will appear. Note that if the syntax is wrong, the StatSim will close. Revise the syntax, open the StatSim and try again.



Before executing sql commands, familiarize with the variable names used in the system (refer to the annex in StatSim manual for HPQ vn 01201101. For other HPQ versions, refer to the data dictionary in your CPro encoding system in the folder C:\CBMSDatabase\System\Encode\Core_HPQ.dcf)

Here are basic sql commands for the CBMS core-related indicators and some other additional syntax.

Demography

/displaying all variable and data from a table ex. hpq_

```
Select *
From hpq_mem;
```

/displaying basic variables and data from a table ex. hpq_mem

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr, civstat, relgn
From hpq_mem;
```

/displaying masterlist of households for panel data

Select distinct hpq_mem.brgy, hpq_mem.purok, hpq_mem.hcn, hpq_hh.street, hpq_hh.hnum,
hpq_hh.add_ident, hpq_hh.add_ident_o, hpq_hh.house_type, hpq_mem.msname, hpq_mem.mfname,
hpq_mem.reln, hpq_hh.respondent From hpq_mem inner join hpq_hh on hpq_mem.brgy=hpq_hh.brgy
Where hpq_mem.purok=hpq_hh.purok and hpq_mem.hcn=hpq_hh.hcn

CBMS CORE INDICATORS

Health and nutrition

/List of children 0-4 years old who died

Select brgy, purok, hcn, deadsn, deadfn, mdeadsx, mdeadage, mdeady
From hpq_death
Where mdeadage<=4;

/List of households with children 0-4 years old who died

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wdeath04"

/List of women who died due to pregnancy-related causes (statsim included deaths of women >5)

Select brgy, purok, hcn, deadsn, deadfn, mdeadsx, mdeadage, mdeady
From hpq_death
Where mdeady=8 and mdeadage>10;

/List of households with women who died due to pregnancy-related causes

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wdeathpreg"

/List of malnourished children 0-5 years old

Select brgy, purok, hcn, msname, mfname, sex, age_yr
From hpq_mem
Where mnutind>=3 and age_yr<=5
Order by sex;

/List of households with malnourished children 0-5 years old

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wmaln05"

Housing

/List of households living in makeshift housing

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_msh"

/List of households who are informal settlers

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_squat"

Water and sanitation***/List of households without access to safe water supply***

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_ntsws"

/List of households without access to sanitary toilet facilities

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_ntstf"

Education and basic literacy***/List of children ages 6-11 not attending elementary school***

Select distinct hpq_mem.brgy, hpq_mem.purok, hpq_mem.hcn, hpq_mem.msname, hpq_mem.mfname, hpq_mem.age_yr, hpq_mem.educind, hpq_mem.gradel, hpq_mem.sex
 From hpq_mem inner join mem_ind on hpq_mem.brgy=mem_ind.brgy
 Where hpq_mem.purok=mem_ind.purok and hpq_mem.hcn=mem_ind.hcn and
 hpq_mem.memno=mem_ind.memno and mem_ind.mem611=1 and mem_ind.n telem611=1
 Order by hpq_mem.educind, hpq_mem.gradel;

/List of households with children ages 6-12 not attending elementary school

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wntelem611"

/List of children ages 12-15 not attending secondary school

Select distinct hpq_mem.brgy, hpq_mem.purok, hpq_mem.hcn, msname, mfname, hpq_mem.age_yr, hpq_mem.educind, hpq_mem.gradel, hpq_mem.sex
 From hpq_mem inner join mem_ind on hpq_mem.brgy=mem_ind.brgy
 Where (hpq_mem.purok=mem_ind.purok and hpq_mem.hcn=mem_ind.hcn and
 hpq_mem.memno=mem_ind.memno and mem_ind.mem1215=1 and mem_ind.n ths1215=1)
 Order by hpq_mem.educind, hpq_mem.gradel;

/List of households with children ages 12-15 not attending secondary school

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wnth1215"

/List of children ages 6-15 not attending school

Select distinct hpq_mem.brgy, hpq_mem.purok, hpq_mem.hcn, msname, mfname, hpq_mem.age_yr, hpq_mem.sex
 From hpq_mem inner join mem_ind on hpq_mem.brgy=mem_ind.brgy
 Where (hpq_mem.purok=mem_ind.purok and hpq_mem.hcn=mem_ind.hcn and
 hpq_mem.memno=mem_ind.memno and mem_ind.mem615=1 and mem_ind.nts ch615=1)
 Order by sex;

/List of households with children ages 6-15 not attending school

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wntsch615"

/List of children ages 6-16 not attending school

Select distinct hpq_mem.brgy, hpq_mem.purok, hpq_mem.hcn, msname, mfname, hpq_mem.age_yr, hpq_mem.sex

From hpq_mem inner join mem_ind on hpq_mem.brgy=mem_ind.brgy

Where (hpq_mem.purok=mem_ind.purok and hpq_mem.hcn=mem_ind.hcn and hpq_mem.memno=mem_ind.memno and mem_ind.mem616=1 and mem_ind.nts616=1)

Order by sex;

/List of households with children ages 6-16 not attending school

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wntsch616"

/List of households with illiterate members

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_wntliter10ab"

/List of illiterate members

Select purok, hcn, msname, mfname, sex, age_yr, educat

From hpq_mem

Where literind=2;

Income and employment

/List of households with income below poverty threshold

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_povp"

/List of households with income below food threshold

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_subp"

/List of households who experienced food shortage

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "hh_fshort"

/List of unemployed members of the labor force

Select distinct brgy, purok, hcn, msname, mfname, age_yr, sex

From hpq_mem

Where age_yr>=15 and ((jobind=2 and fjob=1) or (jobind=2 and fjob=2 and ynotlookjob>=2 and ynotlookjob<=5 and joppind=1 and wtwind=1) or (jobind=2 and fjob=2 and ynotlookjob=1 and lastlookjob<=2 and joppind=1 and wtwind=1))

Order by sex;

/List of households with unemployed members

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "**hh_wunempl15ab**"

Peace and order

/List of households with victims of crimes

- Go to Report tab, click CBMS Core Indicators, Household. In the table, right click and click select all, then select copy. Open excel and paste. Sort table by variable "**hh_wvictcr**"

OTHER CBMS DATA

Demography

/Number of member by civil status

Select brgy, civstat, count(memno)

From hpq_mem

Group by brgy, civstat

Order by brgy;

/Number of member by religion

Select _____

From _____

Where _____

Group by _____

/Number of member by indigenous people, by brgy

Select brgy, ipgrp, count(memno)

From hpq_mem

Where ipind=1

Group by brgy, ipgrp

Order by brgy;

/Number of member by length of residency, by brgy

Select brgy, ylen_resid, count(memno)

From hpq_mem

Where ylen_resid<999

Group by brgy, ylen_resid

Order by brgy;

Education and Literacy

/Number of members attending school by grade level

Select brgy, gradel, count(memno)

From hpq_mem

Where gradel is not NULL

Group by brgy, gradel;

/Number of members attending school by grade level by school classification

Select _____

From _____

Where _____

Group by _____

/List of persons by educational attainment

Select brgy, purok, hcn, msname, mfname, age_yr, educal

From hpq_mem

Where age_yr>=5 and educal is not NULL

Order by age_yr, educal;

/Literacy

Select brgy, purok, literind, count(memno) from hpq_mem

Where literind is not NULL

Group by brgy, purok, literind

Order by literind;

/List of persons who are nursing graduates

select brgy, purok, hcn, msname, mfname, age_yr,sex

from hpq_mem

where educal=35 AND sub_educal=80

Community organization

/Number of members who are members of community organization

Select brgy, purok, orgind, count(memno)

From hpq_mem

Where orgind is not NULL

Group by brgy, purok, orgind

Order by orgind;

Registered voters

/Number of registered voters

Select brgy, purok, regvotind, count(memno)

From hpq_mem

Where regvotind is not NULL

Group by brgy, purok, regvotind

Order by regvotind;

/List of voters who voted in the last election

Select _____
 From _____
 Where _____

/List of persons who are nursing graduates

```
select brgy, purok, hcn, msname, mfname, age_yr,sex
from hpq_mem
where educal=35 AND sub_educal=80
```

Employment***/list of all persons who are working***

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr
From hpq_mem
Where jobind=1;
```

/list of children aged less than 15 years old who are working, sorted by age

Select _____
 From _____
 Where _____
 Order by _____

Members of SSS or GSIS

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr
From hpq_mem
Where sss_ind=1;
```

OFW

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr
From hpq_mem
Where ofw=1 and jobind=1;
```

Single parents

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr, solo_parent_r
From hpq_mem
Where solo_parent=1
Order by solo_parent_r;
```

Persons with disabilities

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr, pwd_type, pwd_cause, pwd_id
From hpq_mem
Where pwd_ind=1
Order by pwd_type;
```

Senior Citizens

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr, scid_ind
From hpq_mem
Where age_yr >= 60
Order by age_yr;
```

Boardpassers

```
Select brgy, purok, hcn, msname, mfname, sex, age_yr, no_of_degree, profession, profession2,
profession3
From hpq_mem
Where board_passer=1;
```

Received treatment for sickness***/Number of households with members who received treatment for sickness, by brgy, by purok***

```
Select brgy, purok, cure_sick, count(hcn)
From hpq_hh
Where cure_sick=1
Group by brgy, purok, cure_sick;
```

Couples and Family planning

- Detailed info from table hpq_couple

/Number of couples, by brgy, by purok

```
Select brgy, purok, count(hcn)
From hpq_couple
Group by brgy, purok;
```

/List of couples and family planning method

```
Select hpq_mem.brgy, hpq_mem.purok, hpq_mem.hcn, hpq_mem.msname, hpq_mem.mfname,
hpq_couple.fam_plan, hpq_couple.fp_meth, hpq_couple.fp_meth_o
From hpq_mem inner join hpq_couple on hpq_mem.brgy = hpq_couple.brgy
Where hpq_mem.purok = hpq_couple.purok and hpq_mem.hcn = hpq_couple.hcn and
(hpq_mem.memno = hpq_couple.husband_line or hpq_mem.memno = hpq_couple.wife_line)
```

Previous household members

- Detailed info from table hpq_death

/Number of persons who died, by brgy, by purok

```
Select brgy, purok, count(hcn)
From hpq_death
Group by brgy, purok;
```

Access to electricity***/Number of households with access to electricity, by brgy, by purok***

```
Select brgy, purok, welec, count(hcn)
From hpq_hh
```

Executing SQL statements to generate CBMS data using Statsim

Where welec=1

Group by brgy, purok;

/Average income of households by access to electricity

Select welec, count(hcn), avg(totin)

From hpq_hh

Group by welec

Order by welec;

/Average income of households by purok and by access to electricity

Select brgy, welec, count(hcn), avg(totin)

From hpq_hh

Group by brgy, welec;

Access to household durables (tv)

/Number of households with tv, by brgy, by purok

Select brgy, tv, count(hcn)

From hpq_owned_asset

Group by brgy, tv;

Households engaged in crop farming

/list of households engaged in crop farming

Select distinct hh.purok, hh.hcn, hh.hhhead

From hh join hpq_hh

Where hpq_hh.hcn=hh.hcn and cropind=1;

Income

/List of poor households and their per capita income (compared to poverty threshold)

Select hh_coreind.hhid, hh_coreind.hhhead, hh_totin, hsize, hh_pci

From hh_ind join hh_coreind

Where hh_coreind.povp=1 and hh_coreind.hhid=hh_ind.hhid

Order by hh_pci;

/List of poor households (compared to food threshold)

Select hh_coreind.hhid, hh_coreind.hhhead, hh_totin, hsize, hh_pci

From hh_ind join hh_coreind

Where hh_coreind.subp=1 and hh_coreind.hhid=hh_ind.hhid

Order by hh_pci;

List of poor households by name of household head and spouse

Select distinct hpq_mem.brgy, hpq_mem.purok, hpq_mem.hcn, hh_ind.hh_povp, hpq_mem.reln, hpq_mem.msname, hpq_mem.mfname

From hpq_mem inner join hh_ind on hpq_mem.brgy=hh_ind.brgy

Where hpq_mem.purok=hh_ind.purok and hh_ind.hcn=hpq_mem.hcn and hh_ind.hh_povp=1 and (hpq_mem.reln=1 or hpq_mem.reln=2);

/list of poor households engaged in crop farming

Select _____
 From _____
 Where _____

Agricultural equipment

- Detailed info from table hpq_agriequip

List of households with agricultural equipment (beast of burden=code 1) by ownership

Select brgy, purok, hcn, agriequiptype, agriequipind, agriequip_owned

From hpq_agriequip

Where agriequiptype=1

Order by brgy, purok;

Aquatic equipment

- Detailed info from table hpq_aquaequip

List of households with aquatic equipment (fish net=code 1) by ownership

Select brgy, purok, hcn, aquaequiptype, aquaequipind, aquaequip_owned

From hpq_aquaequip

Where aquaequiptype =1

Order by brgy, purok;

Fish caught/cultured

- Detailed info from table hpq_aquani

Crop harvested

- Detailed info from table hpq_crop

Fish cage

- Detailed info from table hpq_fcage

Climate change

/Number of households engaged in crop-farming who experienced decrease in harvested crops in the past 3 years

Select brgy, purok, count(hcn)

From hpq_hh

Where u_amt_harv=1;

/Number of households engaged in livestock raising who experienced decrease in production in the past 3 years

Select brgy, purok, count(hcn)

From hpq_hh

Where u_amt_lve=1;

/Number of households engaged in fishing who experienced decrease in harvested fish in the past 3 years

Select brgy, purok, count(hcn)

From hpq_hh

Executing SQL statements to generate CBMS data using Statsim

Where u_amt_fish=1;

/Number of households who experienced increase in temperature

Select brgy, purok, count(hcn)

From hpq_hh

Where temp_humid=1;

/Number of households who experienced frequent electricity loss

Select brgy, purok, count(hcn)

From hpq_hh

Where elec_loss=1;

/Number of households who observed sea level rise

Select brgy, purok, count(hcn)

From hpq_hh

Where sea_level=1;

/Number of households who experienced decrease in water supply

Select brgy, purok, count(hcn)

From hpq_hh

Where water_supply=1;

/Number of households who experienced more frequent floods

Select brgy, purok, count(hcn)

From hpq_hh

Where flood_freq=1;

/Number of households who experienced drought

Select brgy, purok, count(hcn)

From hpq_hh

Where drought=1;

/Number of households who moved-out from previous dwelling unit

Select brgy, purok, count(hcn)

From hpq_hh

Where evac_mveout=1;

/Number of households who experienced temporary evacuation

Select brgy, purok, count(hcn)

From hpq_hh

Where evac_trans=1;

/Number of households who have disaster preparedness kit

Select brgy, purok, count(hcn)

From hpq_hh

Where disas_prep=1;

/List of poor households who are philhealth beneficiaries

Select _____

From _____

Where _____

Executing SQL statements to generate CBMS data using Statsim

Executing SQL statements to generate CBMS data using Statsim

Answer Key

/Number of member by religion

```
Select brgy, relgn, count(memno)
From hpq_mem
Group by brgy, relgn
Order by brgy;
```

/Number of members attending school by grade level by school classification

```
Select brgy, purok, sch_type, gradel, count(memno)
From hpq_mem
Where gradel is not NULL
Group by brgy, purok, sch_type;
```

/List of voters who voted in the last election

```
Select brgy, purok, hcn, msname, mfname, regvotind, voted_last_election
From hpq_mem
Where regvotind=1 is not NULL and voted_last_election=1;
```

/list of children aged less than 15 years old who are working, sorted by age

```
Select purok, hcn, msname, mfname, sex, age_yr
From hpq_mem
Where jobind=1 and age_yr<15
Order by age_yr desc;
```

/list of poor households engaged in crop farming

```
Select distinct hh_coreind.barangay, hh_coreind.purokname, hh_coreind.hcn, hh_coreind.hhhead
From hh_coreind inner join hpq_hh on hh_coreind.hcn=hpq_hh.hcn
Where hpq_hh.cropind=1 and hh_coreind.povp=1;
```

/List of poor households who are philhealth beneficiaries

```
SELECT hh_ind.brgy, hh_ind.purok, hh_ind.hcn, prog_implentor_g, prog_implentor_g,
progmem_g_bene, progmem_g, progmem_g2, progmem_g3, progmem_g4, progmem_g5, prograting_g
FROM hh_ind INNER JOIN hpq_prog_gov ON
hh_ind.hcn=hpq_prog_gov.hcn and hh_ind.purok=hpq_prog_gov.purok
where prog_type_g=11 and progind_g=1 and hh_ind. hh_povp=1;
```