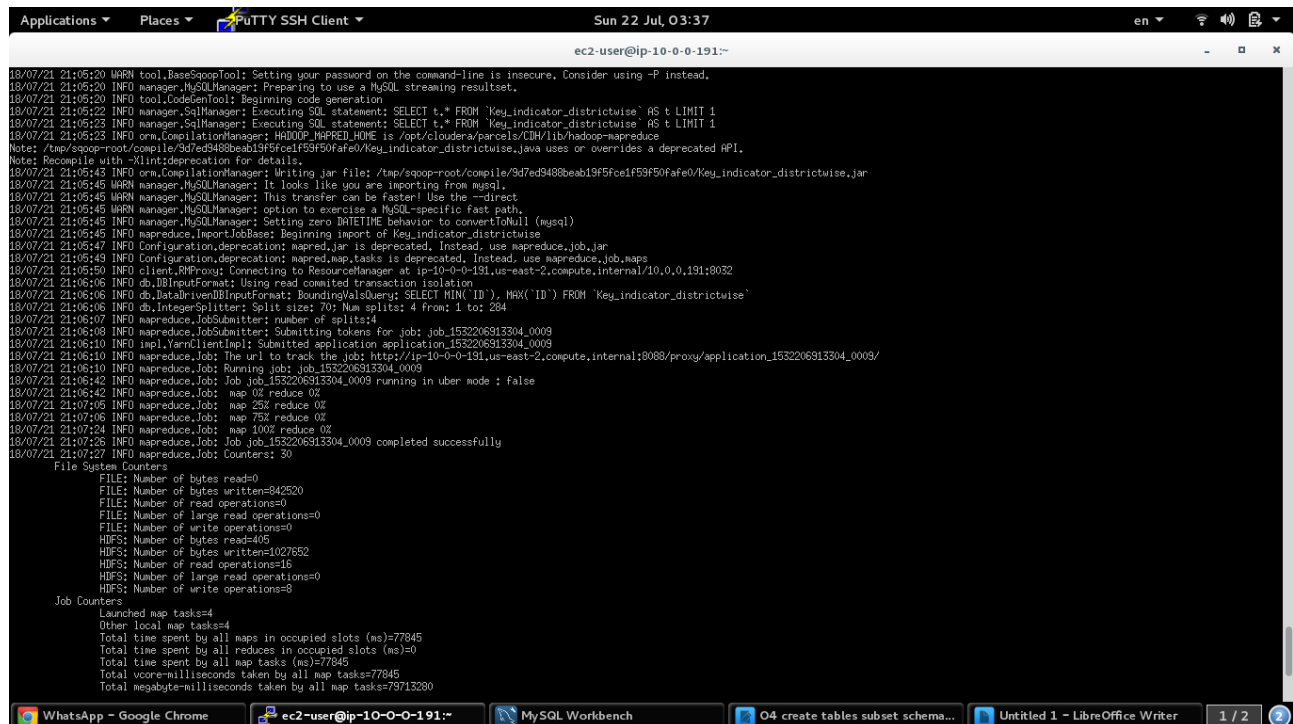


HIVE PROJECT

Load data in HDFS

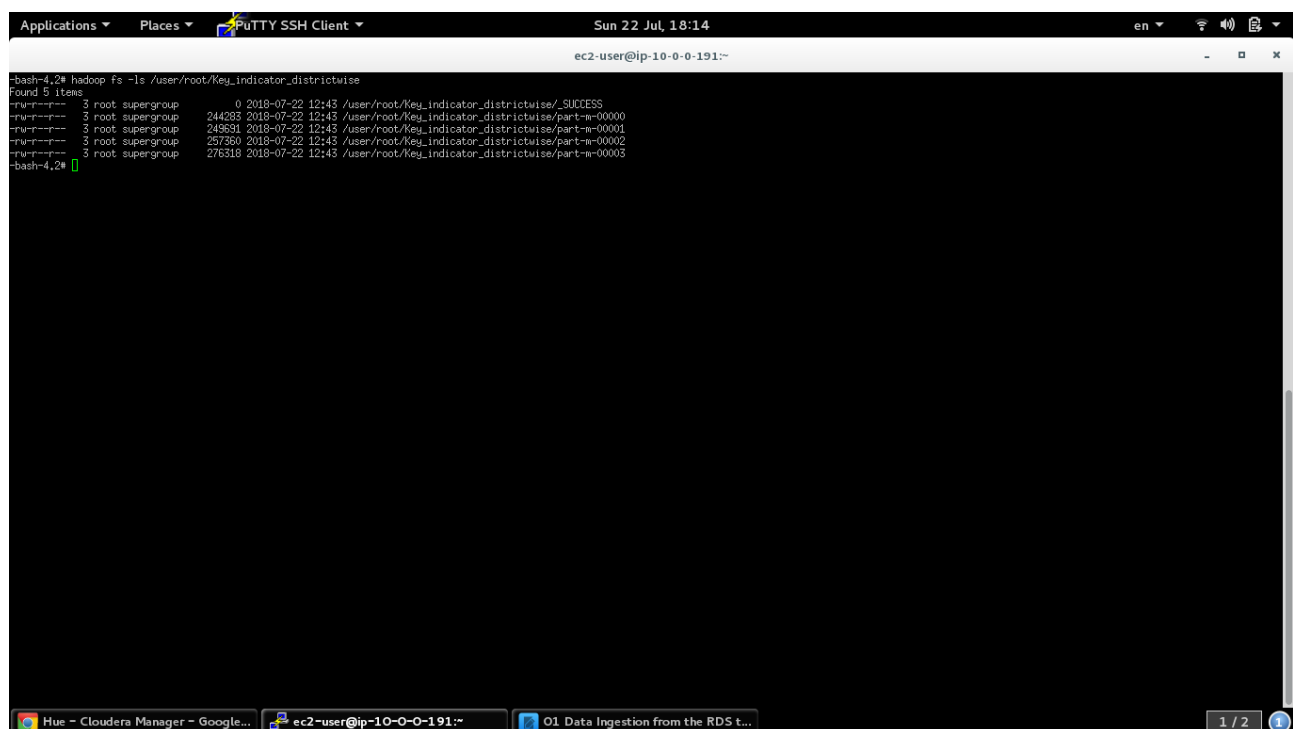
sqoop import --connect jdbc:mysql://upgradawsrds.cpclxrkdvwzmz.us-east-1.rds.amazonaws.com/indiaahs2012_13 --username upgraduser --password upgraduser --table Key_indicator_districtwise



```
18/07/21 21:05:20 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
18/07/21 21:05:20 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/07/21 21:05:20 INFO tool.CodeGenTool: Beginning code generation
18/07/21 21:05:22 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Key_indicator_districtwise` AS t LIMIT 1
18/07/21 21:05:23 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Key_indicator_districtwise` AS t LIMIT 1
18/07/21 21:05:23 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /opt/cloudera/parcels/CDH/lib/hadoop-mapreduce
Note: /tmp/sqoop-root/compile/9d7ed948beab19f5fce1f59f50fafe0/Key_indicator_districtwise.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/07/21 21:05:43 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-root/compile/9d7ed948beab19f5fce1f59f50fafe0/Key_indicator_districtwise.jar
18/07/21 21:05:45 WARN manager.MySQLManager: It looks like you are importing from mysql.
18/07/21 21:05:45 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
18/07/21 21:05:45 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
18/07/21 21:05:45 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
18/07/21 21:05:45 INFO mapreduce.ImportJobBase: Beginning import of Key_indicator_districtwise
18/07/21 21:05:47 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
18/07/21 21:05:49 INFO db.IntegerSplitter: split size: 707. Num splits: 4 from: 1 to: 284
18/07/21 21:05:50 INFO client.RMProxy: Connecting to ResourceManager at ip-10-0-0-191.us-east-2.compute.internal/10.0.0.191:8032
18/07/21 21:06:06 INFO db.DBInputFormat: Using read committed transaction isolation
18/07/21 21:06:06 INFO db.DataDrivenDBInputFormat: BoundingValuesQuery: SELECT MIN( 'ID' ), MAX( 'ID' ) FROM `Key_indicator_districtwise`
18/07/21 21:06:06 INFO db.IntegerSplitter: split size: 707. Num splits: 4 from: 1 to: 284
18/07/21 21:06:07 INFO mapreduce.JobSubmitter: number of splits:4
18/07/21 21:06:08 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1532206913304_0009
18/07/21 21:06:10 INFO impl.YarnClientImpl: Submitted application application_1532206913304_0009
18/07/21 21:06:10 INFO mapreduce.Job: The url to track the job: https://ip-10-0-0-191.us-east-2.compute.internal:8088/proxy/application_1532206913304_0009/
18/07/21 21:06:10 INFO mapreduce.Job: Running job: job_1532206913304_0009
18/07/21 21:06:42 INFO mapreduce.Job: Job job_1532206913304_0009 running in uber mode : false
18/07/21 21:06:42 INFO mapreduce.Job: map 0% reduce 0%
18/07/21 21:07:05 INFO mapreduce.Job: map 52% reduce 0%
18/07/21 21:07:06 INFO mapreduce.Job: map 76% reduce 0%
18/07/21 21:07:24 INFO mapreduce.Job: map 100% reduce 0%
18/07/21 21:07:26 INFO mapreduce.Job: Job job_1532206913304_0009 completed successfully
18/07/21 21:07:27 INFO mapreduce.Job: Counters: 30
File System Counters
  FILE: Number of bytes read=0
  FILE: Number of bytes written=842520
  FILE: Number of read operations=0
  FILE: Number of large read operations=0
  FILE: Number of write operations=0
  HDFS: Number of bytes read=405
  HDFS: Number of bytes written=1027652
  HDFS: Number of read operations=16
  HDFS: Number of large read operations=0
  HDFS: Number of write operations=8
Job Counters
  Launched map tasks=4
  Other local map tasks=4
  Total time spent by all maps in occupied slots (ms)=77845
  Total time spent by all reduces in occupied slots (ms)=0
  Total time spent by all map tasks (ms)=77845
  Total vcore-milliseconds taken by all map tasks=77845
  Total megabyte-milliseconds taken by all map tasks=79713280
```

List of files created

command: `hadoop fs -ls /user/root/Key_indicator_districtwise`



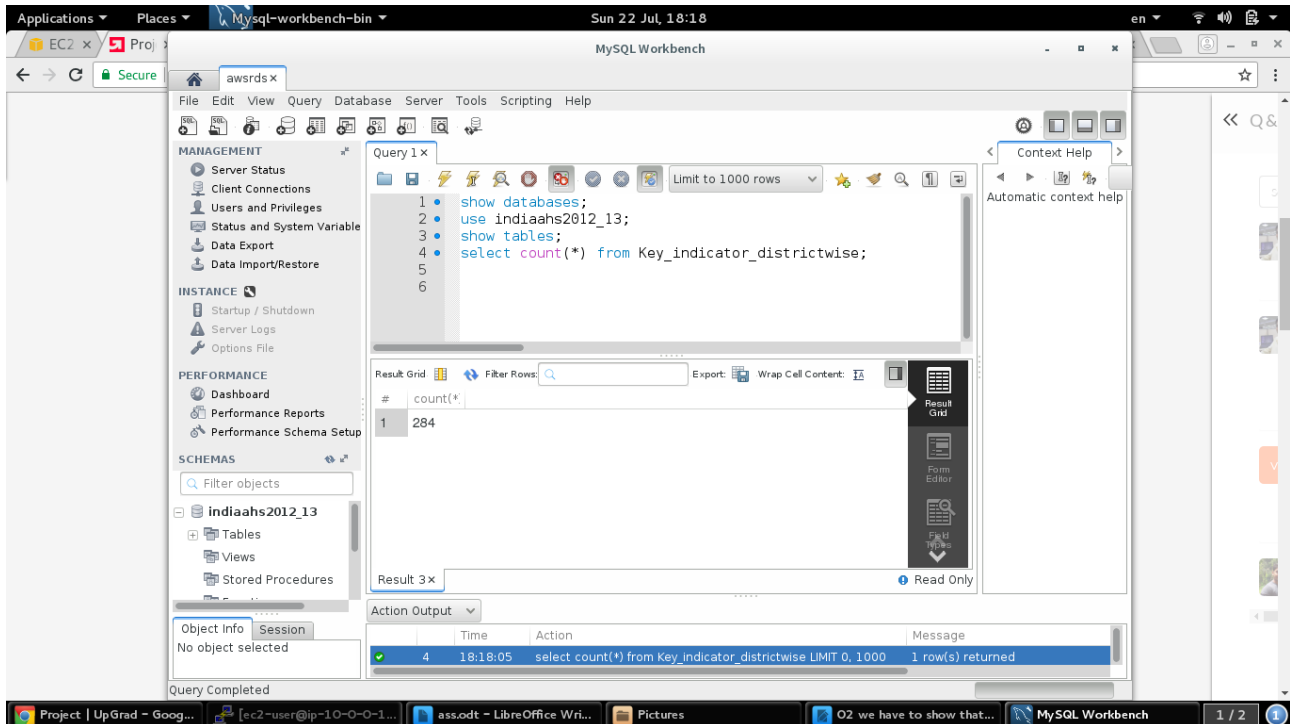
```
-bash-4.2# hadoop fs -ls /user/root/Key_indicator_districtwise
Found 5 items
-rw-rw-r-- 3 root supergroup 0 2018-07-22 12:43 /user/root/Key_indicator_districtwise/SUCCESS
-rw-rw-r-- 3 root supergroup 244393 2018-07-22 12:43 /user/root/Key_indicator_districtwise/part-m-00000
-rw-rw-r-- 3 root supergroup 249531 2018-07-22 12:43 /user/root/Key_indicator_districtwise/part-m-00001
-rw-rw-r-- 3 root supergroup 257350 2018-07-22 12:43 /user/root/Key_indicator_districtwise/part-m-00002
-rw-rw-r-- 3 root supergroup 276318 2018-07-22 12:43 /user/root/Key_indicator_districtwise/part-m-00003
```

changing permission of the folder

```
hdfs dfs -chmod -R 777 /user/root/Key_indicator_districtwise/
```

MySQL workbench count of No of rows in the table Key_indicator_districtwise

command: select count(*) from Key_indicator_districtwise;



creating table in hive

```
CREATE EXTERNAL TABLE IF NOT EXISTS healthsurvey_tbl (  
ID INT,
```

```
State_Name STRING,
```

```
State_District_Name STRING,
```

```
AA_Sample_Units_Total DOUBLE,
```

```
AA_Sample_Units_Rural DOUBLE,
```

```
AA_Sample_Units_Urban DOUBLE,
```

```
AA_Households_Total DOUBLE,
```

```
AA_Households_Rural DOUBLE,
```

```
AA_Households_Urban DOUBLE,
```

```
AA_Population_Total DOUBLE,
```

```
AA_Population_Rural DOUBLE,
```

```
AA_Population_Urban DOUBLE,
```

```
AA_Ever_Married_Women_Aged_15_49_Years_Total DOUBLE,
```

```
AA_Ever_Married_Women_Aged_15_49_Years_Rural DOUBLE,
```

```
AA_Ever_Married_Women_Aged_15_49_Years_Urban DOUBLE,
```

```
AA_Currently_Married_Women_Aged_15_49_Years_Total DOUBLE,
```

```
AA_Currently_Married_Women_Aged_15_49_Years_Rural DOUBLE,
```

```
AA_Currently_Married_Women_Aged_15_49_Years_Urban DOUBLE,
```

```
AA_Children_12_23_Months_Total DOUBLE,
```

```
AA_Children_12_23_Months_Rural DOUBLE,
```

```
AA_Children_12_23_Months_Urban DOUBLE,
```

```
BB_Average_Household_Size_Sc_Total DOUBLE,
```

BB_Average_Household_Size_Sc_Rural DOUBLE,
BB_Average_Household_Size_Sc_Urban DOUBLE,
BB_Average_Household_Size_St_Total DOUBLE,
BB_Average_Household_Size_St_Rural DOUBLE,
BB_Average_Household_Size_St_Urban DOUBLE,
BB_Average_Household_Size_All_Total DOUBLE,
BB_Average_Household_Size_All_Rural DOUBLE,
BB_Average_Household_Size_All_Urban DOUBLE,
BB_Population_Below_Age_15_Years_Total DOUBLE,
BB_Population_Below_Age_15_Years_Rural DOUBLE,
BB_Population_Below_Age_15_Years_Urban DOUBLE,
BB_Dependency_Ratio_Total DOUBLE,
BB_Dependency_Ratio_Rural DOUBLE,
BB_Dependency_Ratio_Urban DOUBLE,
BB_Currently_Married_Illiterate_Women_Aged_15_49_Years_Total DOUBLE,
BB_Currently_Married_Illiterate_Women_Aged_15_49_Years_Rural DOUBLE,
BB_Currently_Married_Illiterate_Women_Aged_15_49_Years_Urban DOUBLE,
CC_Sex_Ratio_At_Birth_Total DOUBLE,
CC_Sex_Ratio_At_Birth_Rural DOUBLE,
CC_Sex_Ratio_At_Birth_Urban DOUBLE,
CC_Sex_Ratio_0_4_Years_Total DOUBLE,
CC_Sex_Ratio_0_4_Years_Rural DOUBLE,
CC_Sex_Ratio_0_4_Years_Urban DOUBLE,
CC_Sex_Ratio_All_Ages_Total DOUBLE,
CC_Sex_Ratio_All_Ages_Rural DOUBLE,
CC_Sex_Ratio_All_Ages_Urban DOUBLE,
DD_Person_Total DOUBLE,
DD_Person_Rural DOUBLE,
DD_Person_Urban DOUBLE,
DD_Male_Total DOUBLE,
DD_Male_Rural DOUBLE,
DD_Male_Urban DOUBLE,
DD_Female_Total DOUBLE,
DD_Female_Rural DOUBLE,
DD_Female_Urban DOUBLE,
EE_Marriages_Among_Females_Below_Legal_Age_18_Years_Total DOUBLE,
EE_Marriages_Among_Females_Below_Legal_Age_18_Years_Rural DOUBLE,
EE_Marriages_Among_Females_Below_Legal_Age_18_Years_Urban DOUBLE,
EE_Marriages_Among_Males_Below_Legal_Age_21_Years_Total DOUBLE,
EE_Marriages_Among_Males_Below_Legal_Age_21_Years_Rural DOUBLE,
EE_Marriages_Among_Males_Below_Legal_Age_21_Years_Urban DOUBLE,
EE_Married_Women_20_24_Years_Married_Before_18_Years_Total DOUBLE,
EE_Married_Women_20_24_Years_Married_Before_18_Years_Rural DOUBLE,
EE_Married_Women_20_24_Years_Married_Before_18_Years_Urban DOUBLE,
EE_Married_Men_25_29_Years_Married_Before_21_Years_Total DOUBLE,
EE_Married_Men_25_29_Years_Married_Before_21_Years_Rural DOUBLE,
EE_Married_Men_25_29_Years_Married_Before_21_Years_Urban DOUBLE,
EE_Mean_Age_At_Marriage_Male_Total DOUBLE,
EE_Mean_Age_At_Marriage_Male_Rural DOUBLE,
EE_Mean_Age_At_Marriage_Male_Urban DOUBLE,
EE_Mean_Age_At_Marriage_Female_Total DOUBLE,
EE_Mean_Age_At_Marriage_Female_Rural DOUBLE,

EE_Mean_Age_At_Marriage_Female_Urban DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Person_Total DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Person_Rural DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Person_Urban DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Male_Total DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Male_Rural DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Male_Urban DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Female_Total DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Female_Rural DOUBLE,
FF_Children_Attending_School_Age_6_17_Years_Female_Urban DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Person_Total DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Person_Rural DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Person_Urban DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Male_Total DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Male_Rural DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Male_Urban DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Female_Total DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Female_Rural DOUBLE,
FF_Children_Attended_Before_Drop_Out_Age_6_17_Years_Female_Urban DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Person_Total DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Person_Rural DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Person_Urban DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Male_Total DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Male_Rural DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Male_Urban DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Female_Total DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Female_Rural DOUBLE,
GG_Children_Aged_5_14_Years_Engaged_In_Work_Female_Urban DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Person_Total DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Person_Rural DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Person_Urban DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Male_Total DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Male_Rural DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Male_Urban DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Female_Total DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Female_Rural DOUBLE,
GG_Work_Participation_Rate_15_Years_And_Above_Female_Urban DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Person_Total DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Person_Rural DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Person_Urban DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Male_Total DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Male_Rural DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Male_Urban DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Female_Total DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Female_Rural DOUBLE,
HH_Prevalence_Disability_Per_100000_Population_Female_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Person_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Person_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Person_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Male_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Male_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Male_Urban DOUBLE,

II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Female_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Female_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Severe_Female_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Person_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Person_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Person_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Male_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Male_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Male_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Female_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Female_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Major_Female_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Person_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Person_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Person_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Male_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Male_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Male_Urban DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Female_Total DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Female_Rural DOUBLE,
II_Injured_By_Type_Of_Treatment_Per_100000_Minor_Female_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Person_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Person_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Person_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Male_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Male_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Male_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Female_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Female_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Diarrhoea_Dysentery_Female_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Person_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Person_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Person_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Male_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Male_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Male_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Female_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Female_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Respiratory_Infection_Female_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Person_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Person_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Person_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Male_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Male_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Male_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Female_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Female_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Fever_All_Types_Female_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Person_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Person_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Person_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Male_Total DOUBLE,

JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Male_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Male_Urban DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Female_Total DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Female_Rural DOUBLE,
JJ_Acute_Illness_Per_100000_Any_Type_Of_Acute_Female_Urban DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Person_Total DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Person_Rural DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Person_Urban DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Male_Total DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Male_Rural DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Male_Urban DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Female_Total DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Female_Rural DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Female_Urban DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Person_Total DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Person_Rural DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Person_Urban DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Male_Total DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Male_Rural DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Male_Urban DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Female_Total DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Female_Rural DOUBLE,
JJ_Acute_Illness_And_Taking_Treatment_Government_Female_Urban DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Person_Total DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Person_Rural DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Person_Urban DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Male_Total DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Male_Rural DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Male_Urban DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Female_Total DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Female_Rural DOUBLE,
KK_Symptoms_Of_Chronic_Illness_Per_100000_Female_Urban DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Person_Total DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Person_Rural DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Person_Urban DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Male_Total DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Male_Rural DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Male_Urban DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Female_Total DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Female_Rural DOUBLE,
KK_Chronic_Illness_And_Sought_Medical_Care_Female_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Person_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Person_Rural DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Person_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Male_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Male_Rural DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Male_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Female_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Female_Rural DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Diabetes_Female_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Person_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Person_Rural DOUBLE,

KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Person_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Male_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Male_Rural DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Male_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Female_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Female_Rural DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Hypertension_Female_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Tb_Person_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Tb_Person_Rural DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Tb_Person_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Tb_Male_Total DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Tb_Male_Rural DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Tb_Male_Urban DOUBLE,
KK_Diag_For_Chronic_Ill_Per_100000_Tb_Female_Total DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Tb_Female_Rural DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Tb_Female_Urban DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Person_Total DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Person_Rural DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Person_Urban DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Male_Total DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Male_Rural DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Male_Urban DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Female_Total DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Female_Rural DOUBLE,
KK_Diagnosed_For_Chronic_Illness_Per_100000_Asthma_Female_Urban DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Person_Total DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Person_Rural DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Person_Urban DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Male_Total DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Male_Rural DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Male_Urban DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Female_Total DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Female_Rural DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Arthritis_Female_Urban DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Person_Total DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Person_Rural DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Of_Person_Urban DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Of_Male_Total DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Of_Male_Rural DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Of_Male_Urban DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Of_Female_Total DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Of_Female_Rural DOUBLE,
KK_Diag_For_Chronic_Illness_Per_100000_Any_Kind_Of_Female_Urban DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Person_Total DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Person_Rural DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Person_Urban DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Male_Total DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Male_Rural DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Male_Urban DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Female_Total DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Female_Rural DOUBLE,
KK_Chronic_Illness_And_Getting_Regular_Treatment_Female_Urban DOUBLE,

KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Person_Total DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Person_Rural DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Person_Urban DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Male_Total DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Male_Rural DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Male_Urban DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Female_Total DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Female_Rural DOUBLE,
KK_Chronic_Ill_And_Getting_Regular_Treatment_Govt_Female_Urban DOUBLE,
LL_Crude_Birth_Rate_Cbr_Total DOUBLE,
LL_Crude_Birth_Rate_Cbr_Rural DOUBLE,
LL_Crude_Birth_Rate_Cbr_Urban DOUBLE,
LL_Natural_Growth_Rate_Total DOUBLE,
LL_Natural_Growth_Rate_Rural DOUBLE,
LL_Natural_Growth_Rate_Urban DOUBLE,
LL_Total_Fertility_Rate_Total DOUBLE,
LL_Total_Fertility_Rate_Rural DOUBLE,
LL_Total_Fertility_Rate_Urban DOUBLE,
LL_Women_20_24_Reporting_Birth_Of_Order_2_Above_Total DOUBLE,
LL_Women_20_24_Reporting_Birth_Of_Order_2_Above_Rural DOUBLE,
LL_Women_20_24_Reporting_Birth_Of_Order_2_Above_Urban DOUBLE,
LL_Women_Reporting_Birth_Of_Order_3_Above_Total DOUBLE,
LL_Women_Reporting_Birth_Of_Order_3_Above_Rural DOUBLE,
LL_Women_Reporting_Birth_Of_Order_3_Above_Urban DOUBLE,
LL_Women_With_Two_Children_Wanting_No_More_Children_Total DOUBLE,
LL_Women_With_Two_Children_Wanting_No_More_Children_Rural DOUBLE,
LL_Women_With_Two_Children_Wanting_No_More_Children_Urban DOUBLE,
LL_Women_15_19_Years_Who_Were_Already_Mothers_Or_Pregnant_Total DOUBLE,
LL_Women_15_19_Years_Who_Were_Already_Mothers_Or_Pregnant_Rural DOUBLE,
LL_Women_15_19_Years_Who_Were_Already_Mothers_Or_Pregnant_Urban DOUBLE,
LL_Median_Age_At_First_Live_Birth_Of_Women_15_49_Years_Total DOUBLE,
LL_Median_Age_At_First_Live_Birth_Of_Women_15_49_Years_Rural DOUBLE,
LL_Median_Age_At_First_Live_Birth_Of_Women_15_49_Years_Urban DOUBLE,
LL_Median_Age_At_First_Live_Birth_Of_Women_25_49_Years_Total DOUBLE,
LL_Median_Age_At_First_Live_Birth_Of_Women_25_49_Years_Rural DOUBLE,
LL_Median_Age_At_First_Live_Birth_Of_Women_25_49_Years_Urban DOUBLE,
LL_Live_Births_Taking_Place_After_An_Interval_Of_36_Months_Total DOUBLE,
LL_Live_Births_Taking_Place_After_An_Interval_Of_36_Months_Rural DOUBLE,
LL_Live_Births_Taking_Place_After_An_Interval_Of_36_Months_Urban DOUBLE,
LL_Mean_Number_Of_Children_Ever_Born_To_Women_15_49_Years_Total DOUBLE,
LL_Mean_Number_Of_Children_Ever_Born_To_Women_15_49_Years_Rural DOUBLE,
LL_Mean_Number_Of_Children_Ever_Born_To_Women_15_49_Years_Urban DOUBLE,
LL_Mean_Number_Of_Children_Surviving_To_Women_15_49_Years_Total DOUBLE,
LL_Mean_Number_Of_Children_Surviving_To_Women_15_49_Years_Rural DOUBLE,
LL_Mean_Number_Of_Children_Surviving_To_Women_15_49_Years_Urban DOUBLE,
LL_Mean_Number_Of_Children_Ever_Born_To_Women_45_49_Years_Total DOUBLE,
LL_Mean_Number_Of_Children_Ever_Born_To_Women_45_49_Years_Rural DOUBLE,
LL_Mean_Number_Of_Children_Ever_Born_To_Women_45_49_Years_Urban DOUBLE,
MM_Pregnancy_To_Women_15_49_Years_Resulting_In_Abortion_Total DOUBLE,
MM_Pregnancy_To_Women_15_49_Years_Resulting_In_Abortion_Rural DOUBLE,
MM_Pregnancy_To_Women_15_49_Years_Resulting_In_Abortion_Urban DOUBLE,
MM_Women_Who_Received_Any_Anc_Before_Abortion_Total DOUBLE,

MM_Women_Who_Received_Any_Anc_Before_Abortion_Rural DOUBLE,
MM_Women_Who_Received_Any_Anc_Before_Abortion_Urban DOUBLE,
MM_Women_Who_Went_For_Ultrasound_Before_Abortion_Total DOUBLE,
MM_Women_Who_Went_For_Ultrasound_Before_Abortion_Rural DOUBLE,
MM_Women_Who_Went_For_Ultrasound_Before_Abortion_Urban DOUBLE,
MM_Average_Month_Of_Pregnancy_At_The_Time_Of_Abortion_Total DOUBLE,
MM_Average_Month_Of_Pregnancy_At_The_Time_Of_Abortion_Rural DOUBLE,
MM_Average_Month_Of_Pregnancy_At_The_Time_Of_Abortion_Urban DOUBLE,
MM_Abortion_Performed_By_Skilled_Health_Personnel_Total DOUBLE,
MM_Abortion_Performed_By_Skilled_Health_Personnel_Rural DOUBLE,
MM_Abortion_Performed_By_Skilled_Health_Personnel_Urban DOUBLE,
MM_Abortion_Taking_Place_In_Institution_Total DOUBLE,
MM_Abortion_Taking_Place_In_Institution_Rural DOUBLE,
MM_Abortion_Taking_Place_In_Institution_Urban DOUBLE,
NN_Current_Usage_Any_Method_Total DOUBLE,
NN_Current_Usage_Any_Method_Rural DOUBLE,
NN_Current_Usage_Any_Method_Urban DOUBLE,
NN_Current_Usage_Any_Modern_Method_Total DOUBLE,
NN_Current_Usage_Any_Modern_Method_Rural DOUBLE,
NN_Current_Usage_Any_Modern_Method_Urban DOUBLE,
NN_Current_Usage_Female_Sterilization_Total DOUBLE,
NN_Current_Usage_Female_Sterilization_Rural DOUBLE,
NN_Current_Usage_Female_Sterilization_Urban DOUBLE,
NN_Current_Usage_Male_Sterilization_Total DOUBLE,
NN_Current_Usage_Male_Sterilization_Rural DOUBLE,
NN_Current_Usage_Male_Sterilization_Urban DOUBLE,
NN_Current_Usage_Copper_T_Iud_Total DOUBLE,
NN_Current_Usage_Copper_T_Iud_Rural DOUBLE,
NN_Current_Usage_Copper_T_Iud_Urban DOUBLE,
NN_Current_Usage_Pills_Total DOUBLE,
NN_Current_Usage_Pills_Rural DOUBLE,
NN_Current_Usage_Pills_Urban DOUBLE,
NN_Current_Usage_Condom_Nirodh_Total DOUBLE,
NN_Current_Usage_Condom_Nirodh_Rural DOUBLE,
NN_Current_Usage_Condom_Nirodh_Urban DOUBLE,
NN_Current_Usage_Emergency_Contraceptive_Pills_Total DOUBLE,
NN_Current_Usage_Emergency_Contraceptive_Pills_Rural DOUBLE,
NN_Current_Usage_Emergency_Contraceptive_Pills_Urban DOUBLE,
NN_Current_Usage_Any_Traditional_Method_Total DOUBLE,
NN_Current_Usage_Any_Traditional_Method_Rural DOUBLE,
NN_Current_Usage_Any_Traditional_Method_Urban DOUBLE,
NN_Current_Usage_Periodic_Abstinence_Total DOUBLE,
NN_Current_Usage_Periodic_Abstinence_Rural DOUBLE,
NN_Current_Usage_Periodic_Abstinence_Urban DOUBLE,
NN_Current_Usage_Withdrawal_Total DOUBLE,
NN_Current_Usage_Withdrawal_Rural DOUBLE,
NN_Current_Usage_Withdrawal_Urban DOUBLE,
NN_Current_Usage_Lam_Total DOUBLE,
NN_Current_Usage_Lam_Rural DOUBLE,
NN_Current_Usage_Lam_Urban DOUBLE,
OO_Unmet_Need_For_Spacing_Total DOUBLE,
OO_Unmet_Need_For_Spacing_Rural DOUBLE,

OO_Unmet_Need_For_Spacing_Urban DOUBLE,
OO_Unmet_Need_For_Limiting_Total DOUBLE,
OO_Unmet_Need_For_Limiting_Rural DOUBLE,
OO_Unmet_Need_For_Limiting_Urban DOUBLE,
OO_Total_Unmet_Need_Total DOUBLE,
OO_Total_Unmet_Need_Rural DOUBLE,
OO_Total_Unmet_Need_Urban DOUBLE,
PP_Married_Pregnant_Women_15_49_Years_Registered_For_Anc_Total DOUBLE,
PP_Married_Pregnant_Women_15_49_Years_Registered_For_Anc_Rural DOUBLE,
PP_Married_Pregnant_Women_15_49_Years_Registered_For_Anc_Urban DOUBLE,
PP_Mothers_Who_Received_Any_Antenatal_Check_Up_Total DOUBLE,
PP_Mothers_Who_Received_Any_Antenatal_Check_Up_Rural DOUBLE,
PP_Mothers_Who_Received_Any_Antenatal_Check_Up_Urban DOUBLE,
PP_Mothers_Who_Had_Antenatal_Check_Up_In_First_Trimester_Total DOUBLE,
PP_Mothers_Who_Had_Antenatal_Check_Up_In_First_Trimester_Rural DOUBLE,
PP_Mothers_Who_Had_Antenatal_Check_Up_In_First_Trimester_Urban DOUBLE,
PP_Mothers_Who_Received_3_Or_More_Antenatal_Care_Total DOUBLE,
PP_Mothers_Who_Received_3_Or_More_Antenatal_Care_Rural DOUBLE,
PP_Mothers_Who_Received_3_Or_More_Antenatal_Care_Urban DOUBLE,
PP_Mothers_Who_Received_At_Least_One_Tt_Injection_Total DOUBLE,
PP_Mothers_Who_Received_At_Least_One_Tt_Injection_Rural DOUBLE,
PP_Mothers_Who_Received_At_Least_One_Tt_Injection_Urban DOUBLE,
PP_Mothers_Who_Consumed_Ifa_For_100_Days_Or_More_Total DOUBLE,
PP_Mothers_Who_Consumed_Ifa_For_100_Days_Or_More_Rural DOUBLE,
PP_Mothers_Who_Consumed_Ifa_For_100_Days_Or_More_Urban DOUBLE,
PP_Mothers_Who_Had_Full_Antenatal_Check_Up_Total DOUBLE,
PP_Mothers_Who_Had_Full_Antenatal_Check_Up_Rural DOUBLE,
PP_Mothers_Who_Had_Full_Antenatal_Check_Up_Urban DOUBLE,
PP_Mothers_Who_Received_Anc_From_Govt_Source_Total DOUBLE,
PP_Mothers_Who_Received_Anc_From_Govt_Source_Rural DOUBLE,
PP_Mothers_Who_Received_Anc_From_Govt_Source_Urban DOUBLE,
PP_Mothers_Whose_Blood_Pressure_Bp_Taken_Total DOUBLE,
PP_Mothers_Whose_Blood_Pressure_Bp_Taken_Rural DOUBLE,
PP_Mothers_Whose_Blood_Pressure_Bp_Taken_Urban DOUBLE,
PP_Mothers_Whose_Blood_Taken_For_Hb_Total DOUBLE,
PP_Mothers_Whose_Blood_Taken_For_Hb_Rural DOUBLE,
PP_Mothers_Whose_Blood_Taken_For_Hb_Urban DOUBLE,
PP_Mothers_Who_Underwent_Ultrasound_Total DOUBLE,
PP_Mothers_Who_Underwent_Ultrasound_Rural DOUBLE,
PP_Mothers_Who_Underwent_Ultrasound_Urban DOUBLE,
QQ_Institutional_Delivery_Total DOUBLE,
QQ_Institutional_Delivery_Rural DOUBLE,
QQ_Institutional_Delivery_Urban DOUBLE,
QQ_Delivery_At_Government_Institution_Total DOUBLE,
QQ_Delivery_At_Government_Institution_Rural DOUBLE,
QQ_Delivery_At_Government_Institution_Urban DOUBLE,
QQ_Delivery_At_Private_Institution_Total DOUBLE,
QQ_Delivery_At_Private_Institution_Rural DOUBLE,
QQ_Delivery_At_Private_Institution_Urban DOUBLE,
QQ_Delivery_At_Home_Total DOUBLE,
QQ_Delivery_At_Home_Rural DOUBLE,
QQ_Delivery_At_Home_Urban DOUBLE,

QQ_Delivery_At_Home_Conducted_By_Skilled_Health_Personnel_Total DOUBLE,
QQ_Delivery_At_Home_Conducted_By_Skilled_Health_Personnel_Rural DOUBLE,
QQ_Delivery_At_Home_Conducted_By_Skilled_Health_Personnel_Urban DOUBLE,
QQ_Safe_Delivery_Total DOUBLE,
QQ_Safe_Delivery_Rural DOUBLE,
QQ_Safe_Delivery_Urban DOUBLE,
QQ_Caesarean_Out_Of_Total_Delivery_In_Government_Total DOUBLE,
QQ_Caesarean_Out_Of_Total_Delivery_In_Government_Rural DOUBLE,
QQ_Caesarean_Out_Of_Total_Delivery_In_Government_Urban DOUBLE,
QQ_Caesarean_Out_Of_Total_Delivery_In_Private_Total DOUBLE,
QQ_Caesarean_Out_Of_Total_Delivery_In_Private_Rural DOUBLE,
QQ_Caesarean_Out_Of_Total_Delivery_In_Private_Urban DOUBLE,
RR_Less_Than_24_Hrs_Stay_In_Institution_After_Delivery_Total DOUBLE,
RR_Less_Than_24_Hrs_Stay_In_Institution_After_Delivery_Rural DOUBLE,
RR_Less_Than_24_Hrs_Stay_In_Institution_After_Delivery_Urban DOUBLE,
RR_Mothers_Who_Received_Within_48_Hrs_Of_Delivery_Total DOUBLE,
RR_Mothers_Who_Received_Within_48_Hrs_Of_Delivery_Rural DOUBLE,
RR_Mothers_Who_Received_Within_48_Hrs_Of_Delivery_Urban DOUBLE,
RR_Mothers_Who_Received_Within_1_Week_Of_Delivery_Total DOUBLE,
RR_Mothers_Who_Received_Within_1_Week_Of_Delivery_Rural DOUBLE,
RR_Mothers_Who_Received_Within_1_Week_Of_Delivery_Urban DOUBLE,
RR_Mothers_Who_Did_Not_Receive_Any_Post_Natal_Check_Up_Total DOUBLE,
RR_Mothers_Who_Did_Not_Receive_Any_Post_Natal_Check_Up_Rural DOUBLE,
RR_Mothers_Who_Did_Not_Receive_Any_Post_Natal_Check_Up_Urban DOUBLE,
RR_New_Borns_Who_Were_Checked_Up_Within_24_Hrs_Of_Birth_Total DOUBLE,
RR_New_Borns_Who_Were_Checked_Up_Within_24_Hrs_Of_Birth_Rural DOUBLE,
RR_New_Borns_Who_Were_Checked_Up_Within_24_Hrs_Of_Birth_Urban DOUBLE,
SS_Availd_Financial_Assistance_For_Delivery_Under_Jsy_Total DOUBLE,
SS_Availd_Financial_Assistance_For_Delivery_Under_Jsy_Rural DOUBLE,
SS_Availd_Financial_Assistance_For_Delivery_Under_Jsy_Urban DOUBLE,
SS_Availd_Financial_Assis_For_Inst_Delivery_Under_Jsy_Total DOUBLE,
SS_Availd_Financial_Assis_For_Inst_Delivery_Under_Jsy_Rural DOUBLE,
SS_Availd_Financial_Assis_For_Inst_Delivery_Under_Jsy_Urban DOUBLE,
SS_Availd_Financial_Assis_For_Govt_Delivery_Under_Jsy_Total DOUBLE,
SS_Availd_Financial_Assis_For_Govt_Delivery_Under_Jsy_Rural DOUBLE,
SS_Availd_Financial_Assis_For_Govt_Delivery_Under_Jsy_Urban DOUBLE,
TT_Children_Aged_12_23_Months_Having_Immunization_Card_Total DOUBLE,
TT_Children_Aged_12_23_Months_Having_Immunization_Card_Rural DOUBLE,
TT_Children_Aged_12_23_Months_Having_Immunization_Card_Urban DOUBLE,
TT_Children_Aged_12_23_Months_Who_Have_Received_Bcg_Total DOUBLE,
TT_Children_Aged_12_23_Months_Who_Have_Received_Bcg_Rural DOUBLE,
TT_Children_Aged_12_23_Months_Who_Have_Received_Bcg_Urban DOUBLE,
TT_Children_12_23_Months_Received_3_Doses_Of_Polio_Vaccine_Total DOUBLE,
TT_Children_12_23_Months_Received_3_Doses_Of_Polio_Vaccine_Rural DOUBLE,
TT_Children_12_23_Months_Received_3_Doses_Of_Polio_Vaccine_Urban DOUBLE,
TT_Children_12_23_Months_Received_3_Doses_Of_Dpt_Vaccine_Total DOUBLE,
TT_Children_12_23_Months_Received_3_Doses_Of_Dpt_Vaccine_Rural DOUBLE,
TT_Children_12_23_Months_Received_3_Doses_Of_Dpt_Vaccine_Urban DOUBLE,
TT_Children_Aged_12_23_Months_Received_Measles_Vaccine_Total DOUBLE,
TT_Children_Aged_12_23_Months_Received_Measles_Vaccine_Rural DOUBLE,
TT_Children_Aged_12_23_Months_Received_Measles_Vaccine_Urban DOUBLE,
TT_Children_Aged_12_23_Months_Fully_Immunized_Total DOUBLE,

TT_Children_Aged_12_23_Months_Fully_Immunized_Rural DOUBLE,
TT_Children_Aged_12_23_Months_Fully_Immunized_Urban DOUBLE,
TT_Children_Who_Have_Received_Polio_Dose_At_Birth_Total DOUBLE,
TT_Children_Who_Have_Received_Polio_Dose_At_Birth_Rural DOUBLE,
TT_Children_Who_Have_Received_Polio_Dose_At_Birth_Urban DOUBLE,
TT_Children_Who_Did_Not_Receive_Any_Vaccination_Total DOUBLE,
TT_Children_Who_Did_Not_Receive_Any_Vaccination_Rural DOUBLE,
TT_Children_Who_Did_Not_Receive_Any_Vaccination_Urban DOUBLE,
TT_Children_6_35_Mon_At_Least_1_Vit_A_Dose_Last_6_Months_Total DOUBLE,
TT_Children_6_35_Mon_At_Least_1_Vit_A_Dose_Last_6_Months_Rural DOUBLE,
TT_Children_6_35_Mon_At_Least_1_Vit_A_Dose_Last_6_Months_Urban DOUBLE,
TT_Children_6_35_Mon_Ifa_Tablets_Syrup_Last_3_Months_Total DOUBLE,
TT_Children_6_35_Mon_Ifa_Tablets_Syrup_Last_3_Months_Rural DOUBLE,
TT_Children_6_35_Mon_Ifa_Tablets_Syrup_Last_3_Months_Urban DOUBLE,
TT_Children_Whose_Birth_Weight_Was_Taken_Total DOUBLE,
TT_Children_Whose_Birth_Weight_Was_Taken_Rural DOUBLE,
TT_Children_Whose_Birth_Weight_Was_Taken_Urban DOUBLE,
TT_Children_With_Birth_Weight_Less_Than_2_5_Kg_Total DOUBLE,
TT_Children_With_Birth_Weight_Less_Than_2_5_Kg_Rural DOUBLE,
TT_Children_With_Birth_Weight_Less_Than_2_5_Kg_Urban DOUBLE,
UU_Children_Suffering_From_Diarrhoea_Total DOUBLE,
UU_Children_Suffering_From_Diarrhoea_Rural DOUBLE,
UU_Children_Suffering_From_Diarrhoea_Urban DOUBLE,
UU_Children_Diarrhoea_Who_Received_Haf_Ors_Ort_Total DOUBLE,
UU_Children_Diarrhoea_Who_Received_Haf_Ors_Ort_Rural DOUBLE,
UU_Children_Diarrhoea_Who_Received_Haf_Ors_Ort_Urban DOUBLE,
UU_Children_Suffering_From_Acute_Respiratory_Infection_Total DOUBLE,
UU_Children_Suffering_From_Acute_Respiratory_Infection_Rural DOUBLE,
UU_Children_Suffering_From_Acute_Respiratory_Infection_Urban DOUBLE,
UU_Children_Acute_Respiratory_Infection_Sought_Treatment_Total DOUBLE,
UU_Children_Acute_Respiratory_Infection_Sought_Treatment_Rural DOUBLE,
UU_Children_Acute_Respiratory_Infection_Sought_Treatment_Urban DOUBLE,
UU_Children_Suffering_From_Fever_Total DOUBLE,
UU_Children_Suffering_From_Fever_Rural DOUBLE,
UU_Children_Suffering_From_Fever_Urban DOUBLE,
UU_Children_Suffering_From_Fever_Who_Sought_Treatment_Total DOUBLE,
UU_Children_Suffering_From_Fever_Who_Sought_Treatment_Rural DOUBLE,
UU_Children_Suffering_From_Fever_Who_Sought_Treatment_Urban DOUBLE,
VV_Children_Breastfed_Within_One_Hour_Of_Birth_Total DOUBLE,
VV_Children_Breastfed_Within_One_Hour_Of_Birth_Rural DOUBLE,
VV_Children_Breastfed_Within_One_Hour_Of_Birth_Urban DOUBLE,
VV_Children_6_35_Mon_Excl_Breastfed_For_At_Least_6_Mon_Total DOUBLE,
VV_Children_6_35_Mon_Excl_Breastfed_For_At_Least_6_Mon_Rural DOUBLE,
VV_Children_6_35_Mon_Excl_Breastfed_For_At_Least_6_Mon_Urban DOUBLE,
VV_Other_Than_Breast_Milk_During_First_6_Months_Water_Total DOUBLE,
VV_Other_Than_Breast_Milk_During_First_6_Months_Water_Rural DOUBLE,
VV_Other_Than_Breast_Milk_During_First_6_Months_Water_Urban DOUBLE,
VV_1st_6_Months_Animal_Formula_Milk_Total DOUBLE,
VV_1st_6_Months_Animal_Formula_Milk_Rural DOUBLE,
VV_1st_6_Months_Animal_Formula_Milk_Urban DOUBLE,
VV_1st_6_Months_Semi_Solid_Mashed_Food_Total DOUBLE,
VV_1st_6_Months_Semi_Solid_Mashed_Food_Rural DOUBLE,

VV_1st_6_Months_Semi_Solid_Mashed_Food_Urban DOUBLE,
VV_1st_6_Months_Solid_Adult_Food_Total DOUBLE,
VV_1st_6_Months_Solid_Adult_Food_Rural DOUBLE,
VV_1st_6_Months_Solid_Adult_Food_Urban DOUBLE,
VV_1st_6_Months_Vegetables_Fruits_Total DOUBLE,
VV_1st_6_Months_Vegetables_Fruits_Rural DOUBLE,
VV_1st_6_Months_Vegetables_Fruits_Urban DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Water_Total DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Water_Rural DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Water_Urban DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Animal_Formula_Milk_Total DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Animal_Formula_Milk_Rural DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Animal_Formula_Milk_Urban DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Semi_Solid_Mashed_Food_Total DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Semi_Solid_Mashed_Food_Rural DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Semi_Solid_Mashed_Food_Urban DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Solid_Adult_Food_Total DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Solid_Adult_Food_Rural DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Solid_Adult_Food_Urban DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Vegetables_Fruits_Total DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Vegetables_Fruits_Rural DOUBLE,
VV_Avg_Month_Other_Than_Breast_Milk_Vegetables_Fruits_Urban DOUBLE,
WW_Birth_Registered_Total DOUBLE,
WW_Birth_Registered_Rural DOUBLE,
WW_Birth_Registered_Urban DOUBLE,
WW_Children_Registered_And_Received_Birth_Certificate_Total DOUBLE,
WW_Children_Registered_And_Received_Birth_Certificate_Rural DOUBLE,
WW_Children_Registered_And_Received_Birth_Certificate_Urban DOUBLE,
XX_Women_Who_Are_Aware_Of_Hiv_Aids_Total DOUBLE,
XX_Women_Who_Are_Aware_Of_Hiv_Aids_Rural DOUBLE,
XX_Women_Who_Are_Aware_Of_Hiv_Aids_Urban DOUBLE,
XX_Women_Who_Are_Aware_Of_Rti_Sti_Total DOUBLE,
XX_Women_Who_Are_Aware_Of_Rti_Sti_Rural DOUBLE,
XX_Women_Who_Are_Aware_Of_Rti_Sti_Urban DOUBLE,
XX_Women_Who_Are_Aware_Of_Haf_Ors_Ort_Zinc_Total DOUBLE,
XX_Women_Who_Are_Aware_Of_Haf_Ors_Ort_Zinc_Rural DOUBLE,
XX_Women_Who_Are_Aware_Of_Haf_Ors_Ort_Zinc_Urban DOUBLE,
XX_Women_Who_Are_Aware_Of_Danger_Signs_Of_Ari_Pneumonia_Total DOUBLE,
XX_Women_Who_Are_Aware_Of_Danger_Signs_Of_Ari_Pneumonia_Rural DOUBLE,
XX_Women_Who_Are_Aware_Of_Danger_Signs_Of_Ari_Pneumonia_Urban DOUBLE,
YY_Crude_Death_Rate_Cdr_Total_Person DOUBLE,
YY_Crude_Death_Rate_Cdr_Total_Male DOUBLE,
YY_Crude_Death_Rate_Cdr_Total_Female DOUBLE,
YY_Crude_Death_Rate_Cdr_Rural_Person DOUBLE,
YY_Crude_Death_Rate_Cdr_Rural_Male DOUBLE,
YY_Crude_Death_Rate_Cdr_Rural_Female DOUBLE,
YY_Crude_Death_Rate_Cdr_Urban_Person DOUBLE,
YY_Crude_Death_Rate_Cdr_Urban_Male DOUBLE,
YY_Crude_Death_Rate_Cdr_Urban_Female DOUBLE,
YY_Infant_Mortality_Rate_Imr_Total_Person DOUBLE,
YY_Infant_Mortality_Rate_Imr_Total_Male DOUBLE,
YY_Infant_Mortality_Rate_Imr_Total_Female DOUBLE,

YY_Infant_Mortality_Rate_Imr_Rural_Person DOUBLE,
YY_Infant_Mortality_Rate_Imr_Rural_Male DOUBLE,
YY_Infant_Mortality_Rate_Imr_Rural_Female DOUBLE,
YY_Infant_Mortality_Rate_Imr_Urban_Person DOUBLE,
YY_Infant_Mortality_Rate_Imr_Urban_Male DOUBLE,
YY_Infant_Mortality_Rate_Imr_Urban_Female DOUBLE,
YY_Neo_Natal_Mortality_Rate_Total DOUBLE,
YY_Neo_Natal_Mortality_Rate_Rural DOUBLE,
YY_Neo_Natal_Mortality_Rate_Urban DOUBLE,
YY_Post_Neo_Natal_Mortality_Rate_Total DOUBLE,
YY_Post_Neo_Natal_Mortality_Rate_Rural DOUBLE,
YY_Post_Neo_Natal_Mortality_Rate_Urban DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Total_Person DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Total_Male DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Total_Female DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Rural_Person DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Rural_Male DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Rural_Female DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Urban_Person DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Urban_Male DOUBLE,
YY_Under_Five_Mortality_Rate_U5MR_Urban_Female DOUBLE,
ZZ_Crude_Birth_Rate_Total_Lower_Limit DOUBLE,
ZZ_Crude_Birth_Rate_Total_Upper_Limit DOUBLE,
ZZ_Crude_Birth_Rate_Rural_Lower_Limit DOUBLE,
ZZ_Crude_Birth_Rate_Rural_Upper_Limit DOUBLE,
ZZ_Crude_Birth_Rate_Urban_Lower_Limit DOUBLE,
ZZ_Crude_Birth_Rate_Urban_Upper_Limit DOUBLE,
ZZ_Crude_Death_Rate_Total_Lower_Limit DOUBLE,
ZZ_Crude_Death_Rate_Total_Upper_Limit DOUBLE,
ZZ_Crude_Death_Rate_Rural_Lower_Limit DOUBLE,
ZZ_Crude_Death_Rate_Rural_Upper_Limit DOUBLE,
ZZ_Crude_Death_Rate_Urban_Lower_Limit DOUBLE,
ZZ_Crude_Death_Rate_Urban_Upper_Limit DOUBLE,
ZZ_Infant_Mortality_Rate_Total_Lower_Limit DOUBLE,
ZZ_Infant_Mortality_Rate_Total_Upper_Limit DOUBLE,
ZZ_Infant_Mortality_Rate_Rural_Lower_Limit DOUBLE,
ZZ_Infant_Mortality_Rate_Rural_Upper_Limit DOUBLE,
ZZ_Infant_Mortality_Rate_Urban_Lower_Limit DOUBLE,
ZZ_Infant_Mortality_Rate_Urban_Upper_Limit DOUBLE,
ZZ_Under_Five_Mortality_Rate_U5MR_Total_Lower_Limit DOUBLE,
ZZ_Under_Five_Mortality_Rate_U5MR_Total_Upper_Limit DOUBLE,
ZZ_Under_Five_Mortality_Rate_U5MR_Rural_Lower_Limit DOUBLE,
ZZ_Under_Five_Mortality_Rate_U5MR_Rural_Upper_Limit DOUBLE,
ZZ_Under_Five_Mortality_Rate_U5MR_Urban_Lower_Limit DOUBLE,
ZZ_Under_Five_Mortality_Rate_U5MR_Urban_Upper_Limit DOUBLE,
ZZ_Sex_Ratio_At_Birth_Total_Lower_Limit DOUBLE,
ZZ_Sex_Ratio_At_Birth_Total_Upper_Limit DOUBLE,
ZZ_Sex_Ratio_At_Birth_Rural_Lower_Limit DOUBLE,
ZZ_Sex_Ratio_At_Birth_Rural_Upper_Limit DOUBLE,
ZZ_Sex_Ratio_At_Birth_Urban_Lower_Limit DOUBLE,
ZZ_Sex_Ratio_At_Birth_Urban_Upper_Limit DOUBLE)
ROW FORMAT DELIMITED FIELDS TERMINATED BY ','

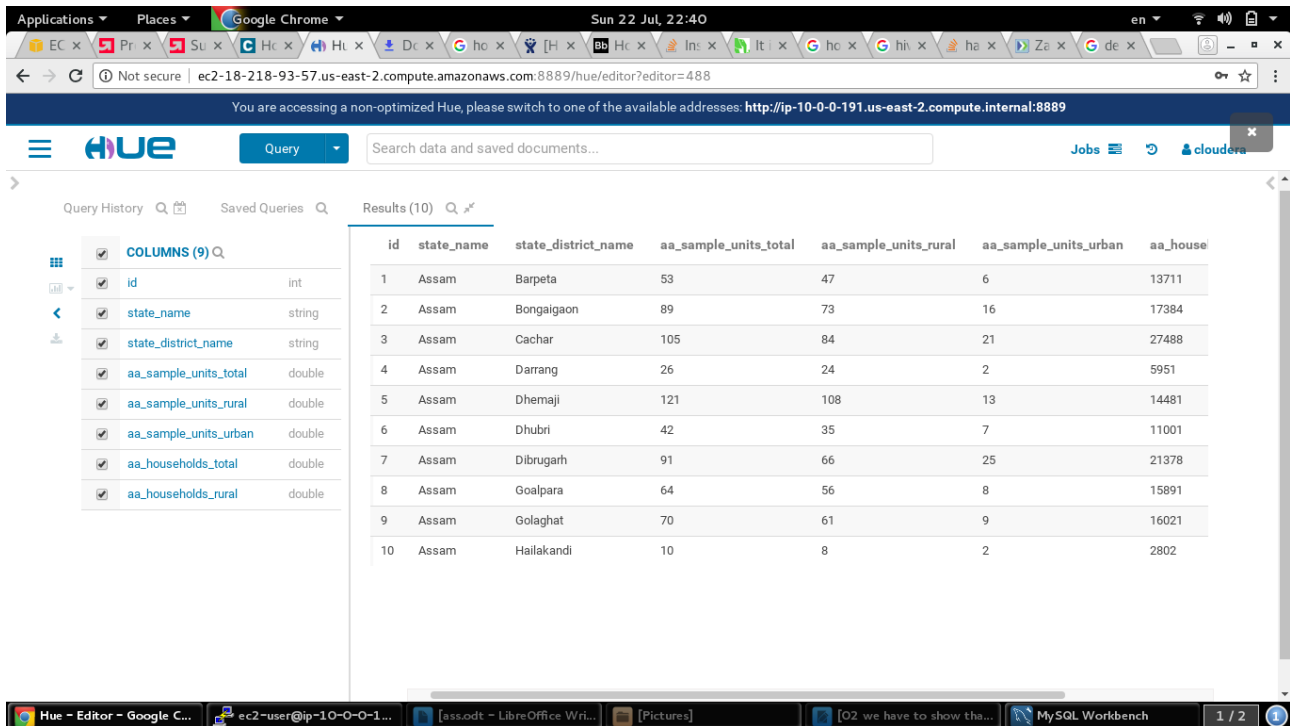
The screenshot displays the Apache Hue web interface. The browser's address bar indicates the URL: `http://ip-10-0-0-191.us-east-2.compute.internal:8889`. The Hue header features the logo and a navigation bar with a 'Query' dropdown and a search bar. The main workspace is divided into three panels. The left panel, titled 'default', shows a 'Tables' list with a search filter and a table named 'healthsurvey_tbl' with columns like 'id', 'state_name', 'state_district_name', and various population and household counts. The middle panel, titled 'Hive', contains a query editor with the following SQL code:

```
load data inpath '/user/root/Key_indicator_districtwise/part-m-*' overwrite into '
SELECT count(*) FROM healthsurvey_tbl;
```

 Below the editor, the 'Query History' tab shows a single query with a result of 284. The right panel, titled 'Assistant', shows a table schema for 'healthsurvey_tbl' with columns like 'id', 'state_name', 'state_district_name', 'aa_sample_units_total', 'aa_sample_units_rural', 'aa_sample_units_urban', 'aa_households_total', 'aa_households_rural', 'aa_households_urban', 'aa_population_total', 'aa_population_rural', 'aa_population_urban', 'aa_ever_married_women_aged_15_49_years_total', 'aa_ever_married_women_aged_15_49_years_rural', 'aa_ever_married_women_aged_15_49_years_urban', 'aa_currently_married_women_aged_15_49_years_total', 'aa_currently_married_women_aged_15_49_years_rural', and 'aa_currently_married_women_aged_15_49_years_urban'.

Top 10 Rows in HUE

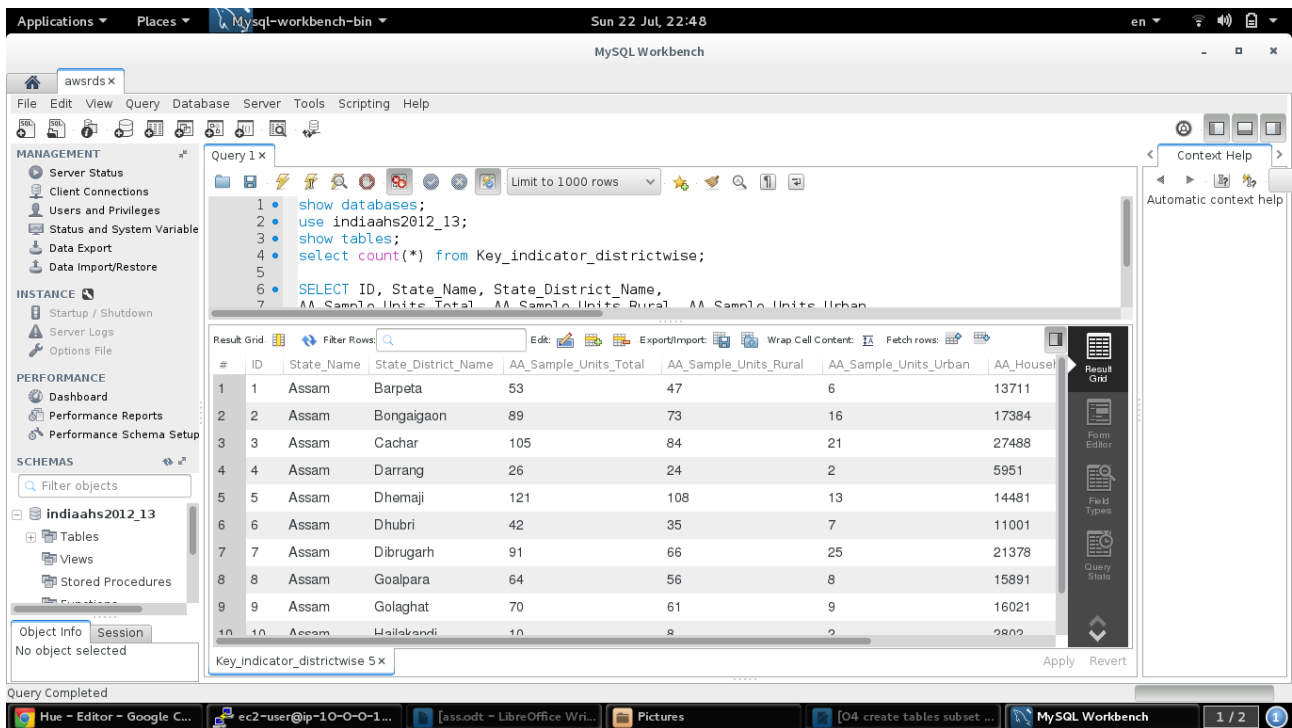
```
SELECT ID, State_Name, State_District_Name,  
AA_Sample_Units_Total, AA_Sample_Units_Rural, AA_Sample_Units_Urban,  
AA_Households_Total, AA_Households_Rural  
from healthsurvey_tbl LIMIT 10;
```



id	state_name	state_district_name	aa_sample_units_total	aa_sample_units_rural	aa_sample_units_urban	aa_households_total
1	Assam	Barpeta	53	47	6	13711
2	Assam	Bongaigaon	89	73	16	17384
3	Assam	Cachar	105	84	21	27488
4	Assam	Darrang	26	24	2	5951
5	Assam	Dhemaji	121	108	13	14481
6	Assam	Dhubri	42	35	7	11001
7	Assam	Dibrugarh	91	66	25	21378
8	Assam	Goalpara	64	56	8	15891
9	Assam	Golaghat	70	61	9	16021
10	Assam	Hailakandi	10	8	2	2802

Top 10 Rows in Workbench

```
SELECT ID, State_Name, State_District_Name,  
AA_Sample_Units_Total, AA_Sample_Units_Rural, AA_Sample_Units_Urban,  
AA_Households_Total, AA_Households_Rural  
from `indiaahs2012_13`.`Key_indicator_districtwise` limit 10;
```

ORC Table creation and insertion

```
CREATE TABLE
healthsurvey_orc_tbl_subsetschema1 stored as orc as select
YY_Under_Five_Mortality_Rate_U5MR_Total_Person,
LL_Total_Fertility_Rate_Total , State_District_Name ,
AA_Population_Total , AA_Households_Total,
CC_Sex_Ratio_All_Ages_Total , State_Name from healthsurvey_tbl;
```

default table creation and insertion

```
CREATE TABLE
healthsurvey_defaulttbl_subsetschema as select
YY_Under_Five_Mortality_Rate_U5MR_Total_Person,
LL_Total_Fertility_Rate_Total , State_District_Name ,
AA_Population_Total , AA_Households_Total ,
CC_Sex_Ratio_All_Ages_Total , State_Name from healthsurvey_tbl;
```

Benchmark

select count(*) from healthsurvey_defaulttbl_subsetschema; [execution time is 59.3s for default table]

The screenshot displays the Apache Hue web interface in a Google Chrome browser. The URL bar shows the address: `http://ip-10-0-0-191.us-east-2.compute.internal:8889`. The interface includes a top navigation bar with the Hue logo and a search bar. On the left, a sidebar lists various tables, including `healthsurvey_defaulttbl_subsetschema`. The main workspace shows a Hive query editor with the following query:

```
select count(*) from healthsurvey_defaulttbl_subsetschema;
```

Below the query editor, the execution log is visible, showing the following information:

```
INFO : Total MapReduce CPU Time Spent: 6 seconds 50 msec
INFO : Completed executing command(queryId=hive_20180722172121_1b072b02-2c2d-4000-b77a-e2de41a6e23f); Time taken: 55.677 seconds
INFO : OK
```

The results section shows a single row with a count of 284:

count(*)
284

The bottom of the screenshot shows the operating system taskbar with various applications open, including Hue, Google Chrome, LibreOffice Writer, and MySQL Workbench.

FOR ORC TABLE

`select count(*) from healthsurvey_orc_tbl_subsetschema1;` [execution time is 1m 41s]

Applications ▾ Places ▾ Google Chrome ▾ Sun 22 Jul, 22:59

Not secure | ec2-18-218-93-57.us-east-2.compute.amazonaws.com:8889/hue/editor?editor=496

You are accessing a non-optimized Hue, please switch to one of the available addresses: <http://ip-10-0-0-191.us-east-2.compute.internal:8889>

HUE Query ▾ Search data and saved documents...

Jobs cloudera

Assistant Functions

Tables

Filter...

default (22) ▾

healthsurvey_orc_tbl_subsetschema
healthsurvey_orc_tbl_subsetschema1
healthsurvey_tbl
healthsurvey_tbl_orc_partitioned
yy_under_five_mortality_rate_u5mr_total_person (double)
ll_total_fertility_rate_total (double)
state_district_name (string)
aa_population_total (double)
aa_households_total (double)
cc_sex_ratio_all_ages_total (double)
state_name (string)
healthsurvey_txt
healthsurvey_txt1
healthsurvey_txt2
parking_violation_issued
parking_violation_issued1
parking_violation_issued2
parking_violation_issued3
parking_violation_issued4

1
2 select count(*) from healthsurvey_orc_tbl_subsetschema1;

1m, 41s ▾ default ▾ text ▾ ?

INFO : Kill Command = /opt/cloudera/parcels/UDH-H-14.0-1.0cdh-14.0.p0.24/110/hadoop/bin/mr...
oop job -kill job_1532280474331_0001 job_1532280474331_0001
INFO : Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
INFO : 2018-07-22 17:28:30,124 Stage-1 map = 0%, reduce = 0%
INFO : 2018-07-22 17:28:44,579 Stage-1 map = 100%, reduce = 0%

Query History ▾ Saved Queries ▾ Results (1) ▾

COLUMNS (2) ▾

state_name bigint

1 284

Hue - Editor - Google C... ec2-user@ip-10-0-0-1... ass.odt - LibreOffice Wri... Pictures O5 benchmark.txt (~/Do... MySQL Workbench 1 / 2

For Default Table

select State_Name, count(*) from healthsurvey_defaulttbl_subsetschema
group by State_Name; [execution time is 1m26s]

Applications ▾ Places ▾ Google Chrome ▾ Sun 22 Jul, 23:06

Not secure | ec2-18-218-93-57.us-east-2.compute.amazonaws.com:8889/hue/editor?editor=499

You are accessing a non-optimized Hue, please switch to one of the available addresses: <http://ip-10-0-0-191.us-east-2.compute.internal:8889>

HUE Query ▾ Search data and saved documents...

Jobs cloudera

Assistant Functions

Tables

Filter...

default (22) ▾

healthsurvey_orc_tbl_subsetschema
healthsurvey_orc_tbl_subsetschema1
healthsurvey_tbl
healthsurvey_tbl_orc_partitioned
yy_under_five_mortality_rate_u5mr_total_person (double)
ll_total_fertility_rate_total (double)
state_district_name (string)
aa_population_total (double)
aa_households_total (double)
cc_sex_ratio_all_ages_total (double)
state_name (string)
healthsurvey_txt
healthsurvey_txt1
healthsurvey_txt2
parking_violation_issued
parking_violation_issued1
parking_violation_issued2
parking_violation_issued3
parking_violation_issued4

write: 120 SUCCESS
INFO : Total MapReduce CPU Time Spent: 6 seconds 30 msec job_1532280913791_0001
INFO : Completed executing command(queryId=hive_20180722173535_be12//08-2780-430a-80d5-/y02af2b338d); Time taken: 83.736 seconds
INFO : OK

Query History ▾ Saved Queries ▾ Results (9) ▾

COLUMNS (3) ▾

state_name
_c1

	state_name	_c1
1	Assam	23
2	Bihar	37
3	Chhattisgarh	16
4	Jharkhand	18
5	Madhya Pradesh	45
6	Odisha	30
7	Rajasthan	32
8	Uttar Pradesh	70
9	Uttarakhand	13

Hue - Editor - Google C... ec2-user@ip-10-0-0-1... [ass.odt - LibreOffice Wri... Pictures O5 benchmark.txt (~/Do... [MySQL Workbench] 1 / 2

For ORC Table

select State_Name, count(*) from healthsurvey_orc_tbl_subsetschema1
group by State_Name; [execution time 59.16s]

The screenshot shows the Hue web interface in Google Chrome. The browser address bar displays the URL: `ec2-18-218-93-57.us-east-2.compute.amazonaws.com:8889/hue/editor?editor=500`. A notification bar at the top states: "You are accessing a non-optimized Hue, please switch to one of the available addresses: <http://ip-10-0-0-191.us-east-2.compute.internal:8889>".

The interface includes a left sidebar with a "Tables" list containing various database tables. The main query editor displays the following SQL query:

```
INFO : Kill Command = /opt/cloudera/parcels/CDH-5.14.0-1.cdh5.14.0.p0.24/11b/hadoop/bin/had
oop job -kill job_1532280913791_0002
INFO : Hadoop job information for Stage-1: number of mappers: 1; number of reducers: 1
INFO : 2018-07-22 17:38:48,590 Stage-1 map = 0%, reduce = 0%
INFO : 2018-07-22 17:39:03,574 Stage-1 map = 100%, reduce = 0%, Cumulative CPU 3.26 sec
```

Below the query editor, the "Results (9)" tab is active, showing a table with 2 columns: `state_name` and `_c1`. The data is as follows:

state_name	_c1
1 Assam	23
2 Bihar	37
3 Chhattisgarh	16
4 Jharkhand	18
5 Madhya Pradesh	45
6 Odisha	30
7 Rajasthan	32
8 Uttar Pradesh	70
9 Uttarakhand	13

The right sidebar shows a "Tables" list with various database tables.

For Default Table

select count(*) from healthsurvey_defaulttbl_subsetschema
where State_Name = 'Uttar Pradesh'; [execution time is 58.49s]

The screenshot shows the Hue web interface in Google Chrome. The browser address bar displays the URL: `ec2-18-218-93-57.us-east-2.compute.amazonaws.com:8889/hue/editor?editor=501`. A notification bar at the top states: "You are accessing a non-optimized Hue, please switch to one of the available addresses: <http://ip-10-0-0-191.us-east-2.compute.internal:8889>".

The interface includes a left sidebar with a "Tables" list containing various database tables. The main query editor displays the following SQL query:

```
1 select count(*) from healthsurvey_defaulttbl_subsetschema
2 where State_Name = 'Uttar Pradesh';
```

Below the query editor, the "Results (1)" tab is active, showing a table with 2 columns: `_c0` and `bigint`. The data is as follows:

_c0	bigint
1	70

The right sidebar shows a "Tables" list with various database tables.

For ORC Table

select count(*) from healthsurvey_orc_tbl_subsetschema1
where State_Name = 'Uttar Pradesh'; [execution time is 1m37s]

The screenshot shows the Hue web interface for Hive. The query editor contains the following SQL:

```
1 select count(*) from healthsurvey_orc_tbl_subsetschema1
2 where State_Name = 'Uttar Pradesh';
```

The execution time is 1m, 37s. The results are displayed in a table with 2 columns: `_c0` (bigint) and a value of 70.

The right sidebar shows a list of tables, including `healthsurvey_orc_tbl_subsetschema1` and `healthsurvey_orc_tbl_subsetschema1`.

Partition Table and inserting data

```
CREATE EXTERNAL TABLE IF NOT EXISTS
healthsurvey_tbl_orc_partitioned(YY_Under_Five_Mortality_Rate_U5MR_Total_Person DOUBLE,
LL_Total_Fertility_Rate_Total DOUBLE, State_District_Name STRING,
AA_Population_Total DOUBLE, AA_Households_Total DOUBLE,
CC_Sex_Ratio_All_Ages_Total DOUBLE)
PARTITIONED BY (State_Name string)
STORED AS ORC
```

```
INSERT into TABLE healthsurvey_tbl_orc_partitioned PARTITION(State_Name)
SELECT YY_Under_Five_Mortality_Rate_U5MR_Total_Person, LL_Total_Fertility_Rate_Total, State_District_Name, AA_Population_Total, AA_Households_Total, CC_Sex_Ratio_All_Ages_Total, State_Name
FROM healthsurvey_orc_tbl_subsetschema1
```

Q1) State wise child mortality rate

```
select State_Name, avg(YY_Under_Five_Mortality_Rate_U5MR_Total_Person) as
Under5_Mortality_Rate
from healthsurvey_tbl_orc_partitioned
group by State_Name
order by Under5_Mortality_Rate DESC;
```

Applications ▾ Places ▾ Google Chrome ▾ Sun 22 Jul, 14:46

EC2 x Proj x Subm x Hue x Hue x Down x how x [HIVE x BB How x Insert x It is p x

Not secure | ec2-18-218-93-57.us-east-2.compute.amazonaws.com:8889/hue/editor?editor=441

You are accessing a non-optimized Hue, please switch to one of the available addresses: <http://ip-10-0-0-191.us-east-2.compute.internal:8889>

HUE Query Search data and saved documents... Jobs cloudera

default Tables (21) Filter...

- flights_data
- flights_data_ext
- healthsurvey_defaulttbl_subsetschema
- healthsurvey_orc_tbl_subsetschema
- yy_under_five_mortality_rate_usmr_total_person (ll_total_fertility_rate_total (double) state_district_name (string) aa_population_total (double) aa_households_total (double) cc_sex_ratio_all_ages_total (double) state_name (string)
- healthsurvey_tbl
- healthsurvey_tbl_orc_partitioned
- healthsurvey_txt
- healthsurvey_txt1
- healthsurvey_txt2
- parking_violation_issued
- parking_violation_issued1
- parking_violation_issued2

```
z.compute.internal:8889/proxy/application_1532250779763_0001/
INFO : Kill Command = /opt/cloudera/parcels/CDH-5.14.0-1.cdh5.14.0/bin/hadoop
oop job -kill job_1532250779763_0001
INFO : Hadoop job information for Stage-1: number of mappers: 1, number of reducers: 1
INFO : 2018-07-22 09:13:37,462 Stage-1 map = 0%, reduce = 0%
```

Query History Saved Queries Results (9)

state_name	under5_mortality_rate
1 Uttar Pradesh	90.22857142857143
2 Madhya Pradesh	83.37777777777778
3 Odisha	75.8
4 Rajasthan	75.0625
5 Assam	71.43478260869566
6 Bihar	69.62162162162163
7 Chhattisgarh	62.5
8 Jharkhand	53.44444444444444
9 Uttarakhand	41.84615384615385

Assistant Functions

Tables Filter...

default.healthsurvey_tbl

id	int
state_name	string
state_district_name	string
aa_sample_units_total	double
aa_sample_units_rural	double
aa_sample_units_urban	double
aa_households_total	double
aa_households_rural	double
aa_households_urban	double
aa_population_total	double
aa_population_rural	double
aa_population_urban	double
aa_ever_married_women_aged_15_and_over	double
aa_ever_married_women_aged_15_and_over_rural	double
aa_ever_married_women_aged_15_and_over_urban	double
aa_currently_married_women_aged_15_and_over	double
aa_currently_married_women_aged_15_and_over_rural	double
aa_currently_married_women_aged_15_and_over_urban	double
aa_children_12_23_months_total	double
aa_children_12_23_months_rural	double
aa_children_12_23_months_urban	double

ass.odt - LibreOffice Writer Hue - Editor - Google Chrome Pictures Unsaved Document 1 - gedit 1 / 2

Applications ▾ Places ▾ Google Chrome ▾ Sun 22 Jul, 16:27

EC2 x Proj x Stud x Subr x Log x Hue x Down x how x [HIVE x BB How x Insert x It is p x (3) v x

Not secure | ec2-18-218-93-57.us-east-2.compute.amazonaws.com:8889/hue/editor?editor=465

You are accessing a non-optimized Hue, please switch to one of the available addresses: <http://ip-10-0-0-191.us-east-2.compute.internal:8889>

HUE Query Search data and saved documents... Jobs cloudera

default Tables (22) Filter...

- flights_data
- flights_data_ext
- healthsurvey_defaulttbl_subsetschema
- healthsurvey_orc_tbl_subsetschema
- healthsurvey_orc_tbl_subsetschema1
- yy_under_five_mortality_rate_usmr_total_person (ll_total_fertility_rate_total (double) state_district_name (string) aa_population_total (double) aa_households_total (double) cc_sex_ratio_all_ages_total (double) state_name (string)
- healthsurvey_tbl
- healthsurvey_tbl_orc_partitioned
- healthsurvey_txt
- healthsurvey_txt1
- healthsurvey_txt2
- parking_violation_issued
- parking_violation_issued1

```
INFO : 2018-07-22 10:34:46,853 Stage-2 map = 0%, reduce = 0%
INFO : 2018-07-22 10:55:03,272 Stage-2 map = 100%, reduce = 0%
INFO : 2018-07-22 10:55:42,629 Stage-2 map = 0%, reduce = 0%
INFO : 2018-07-22 10:56:43,169 Stage-2 map = 0%, reduce = 0%
INFO : 2018-07-22 10:56:51,837 Stage-2 map = 100%, reduce = 0%, Cumulative CPU 2.16 sec
```

Query History Saved Queries Results (9)

X-AXIS state_name

Y-AXIS under5_mortality_rate

GROUP Choose a column

LIMIT Limit the number of rows

SORTING

state_name	under5_mortality_rate
Uttar Pradesh	90.22857
Madhya Pradesh	83.37778
Odisha	75.8
Rajasthan	75.0625
Assam	71.43478
Chhattisgarh	62.5
Bihar	69.62162
Jharkhand	53.44444
Uttarakhand	41.84615

Assistant Functions

Tables No tables identified.

ass.odt - LibreOffice Writer Hue - Editor - Google Chrome Pictures *O4 create tables subset schema ... 1 / 2

Q2) State wise fertility rate

select State_Name, avg(LL_Total_Fertility_Rate_Total) as Total_Fertility_Rate
 from healthsurvey_tbl_orc_partitioned
 group by State_Name
 order by Total_Fertility_Rate DESC;

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HUE Query Search data and saved documents...

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Assistant Functions

Tables

Filter...

default.healthsurvey_tbl

id int
state_name string
state_district_name string
aa_sample_units_total double
aa_sample_units_rural double
aa_sample_units_urban double
aa_households_total double
aa_households_rural double
aa_households_urban double
aa_population_total double
aa_population_rural double
aa_population_urban double
aa_ever_married_women_aged_1... double
aa_ever_married_women_aged_1... double
aa_ever_married_women_aged_1... double
aa_currently_married_women_ag... double
aa_currently_married_women_ag... double
aa_currently_married_women_ag... double
aa_children_12_23_months_total double
aa_children_12_23_months_rural double
aa_children_12_23_months_urban double

Query History Saved Queries Results (9)

state_name	total_fertility_rate
1 Bihar	3.532432432432432
2 Uttar Pradesh	3.3978571428571427
3 Madhya Pradesh	3.031111111111111
4 Rajasthan	3.028125
5 Jharkhand	2.8944444444444445
6 Chhattisgarh	2.70125
7 Assam	2.4
8 Odisha	2.28
9 Uttarakhand	2.022307692307692

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HUE Query Search data and saved documents...

Jobs cloudera

Assistant Functions

Tables

Filter...

default.healthsurvey_tbl_orc_partitioned

yy_under_five_mortality_rate_u5mr_total_person (double)
ll_total_fertility_rate_total (double)
state_district_name (string)
aa_population_total (double)
aa_households_total (double)
cc_sex_ratio_all_ages_total (double)
state_name (string)

Query History Saved Queries Results (9)

X-AXIS: state_name
Y-AXIS: total_fertility_rate
GROUP: Choose a colu...
LIMIT: Limit the numb...
SORTING: [Bar Chart]

state_name	total_fertility_rate
Bihar	3.532432
Uttar Pradesh	3.397857
Madhya Pra.	3.031111
Rajasthan	3.028125
Jharkhand	2.894444
Chhattisgarh	2.70125
Assam	2.4
Uttarakhand	2.022308

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Q3) Does high fertility correlate with high child mortality?

```
select State_Name,
corr(YY_Under_Five_Mortality_Rate_U5MR_Total_Person, LL_Total_Fertility_Rate_Total)
from healthsurvey_orc_tbl_subsetschema1
group by State_Name;
```


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HUE Query Search data and saved documents... Jobs cloudera

default Tables (21) Filter...

- flights_data
- flights_data_ext
- healthsurvey_defaulttbl_subsetschema
- healthsurvey_orc_tbl_subsetschema
- yy_under_five_mortality_rate_u5mr_total_person
- ll_total_fertility_rate_total (double)
- state_district_name (string)
- aa_population_total (double)
- aa_households_total (double)
- cc_sex_ratio_all_ages_total (double)
- state_name (string)
- healthsurvey_tbl
- healthsurvey_tbl_orc_partitioned
- healthsurvey_txt
- healthsurvey_txt1
- healthsurvey_txt2
- parking_violation_issued
- parking_violation_issued1
- parking_violation_issued2

```

y/application_1532251611591_0007/
INFO : Starting Job = job_1532251611591_0007, Tracking URL = ht
2.compute.internal:8888/proxy/application_1532251611591_0007/
INFO : Kill Command = /opt/cloudera/parcels/CDH-5.14.0-1.cdh5.14.0.p0.24/lib/hadoop/bin/had
oop job -kill job_1532251611591_0007

```

Query History Saved Queries Results (9)

	state_name	_c1
1	Assam	0.3915829744764519
2	Bihar	0.723339695538527
3	Chhattisgarh	0.4551421203097001
4	Jharkhand	0.7936967288511909
5	Madhya Pradesh	0.7051529438563546
6	Odisha	0.31167885766913667
7	Rajasthan	0.5992209550552275
8	Uttar Pradesh	0.629752996928712
9	Uttarakhand	0.8430609600364917

Assistant Functions

Tables Filter...

- default.healthsurvey_tbl
- id int
- state_name string
- state_district_name string
- aa_sample_units_total double
- aa_sample_units_rural double
- aa_sample_units_urban double
- aa_households_total double
- aa_households_rural double
- aa_households_urban double
- aa_population_total double
- aa_population_rural double
- aa_population_urban double
- aa_ever_married_women_aged_1...double
- aa_ever_married_women_aged_1...double
- aa_ever_married_women_aged_1...double
- aa_currently_married_women_ag...double
- aa_currently_married_women_ag...double
- aa_currently_married_women_ag...double
- aa_children_12_23_months_rural double
- aa_children_12_23_months_urban double

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HUE Query Search data and saved documents... Jobs cloudera

default Tables (22) Filter...

- flights_data
- flights_data_ext
- healthsurvey_defaulttbl_subsetschema
- healthsurvey_orc_tbl_subsetschema
- healthsurvey_orc_tbl_subsetschema1
- healthsurvey_tbl
- healthsurvey_tbl_orc_partitioned
- yy_under_five_mortality_rate_u5mr_total_person
- ll_total_fertility_rate_total (double)
- state_district_name (string)
- aa_population_total (double)
- aa_households_total (double)
- cc_sex_ratio_all_ages_total (double)
- state_name (string)
- healthsurvey_txt
- healthsurvey_txt1
- healthsurvey_txt2
- parking_violation_issued
- parking_violation_issued1

```

y/application_1532260039923_0001/
INFO : Starting Job = job_1532260039923_0001, Tracking URL = ht
2.compute.internal:8888/proxy/application_1532260039923_0001/
INFO : Kill Command = /opt/cloudera/parcels/CDH-5.14.0-1.cdh5.14.0.p0.24/lib/hadoop/bin/had
oop job -kill job_1532260039923_0001

```

Query History Saved Queries Results (9)

X-AXIS: state_name Y-AXIS: _c1 GROUP: Choose a col... LIMIT: Limit the numb... SORTING: [Bar]

Assistant Functions

Tables Filter...

- default.healthsurvey_orc_tbl_subsetschen
- yy_under_five_mortality_rate_u5mr_total_person
- ll_total_fertility_rate_total (double)
- state_district_name string
- aa_population_total double
- aa_households_total double
- cc_sex_ratio_all_ages_total double
- state_name string

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Q4) Find top 2 districts per state with the highest population per household

select State_Name, State_District_Name, PopulationPerHouse, DistrictRnk from
(select State_Name, State_District_Name, PopulationPerHouse,
RANK() over (partition by State_Name order by PopulationPerHouse desc) as DistrictRnk
from
(select State_Name, State_District_Name,
AA_Population_Total/AA_Households_Total as PopulationPerHouse
from healthsurvey_orc_tbl_subsetschema1)
as CalculatedCol

) as RankedDistricts
where DistrictRnk < 3;

The screenshot shows the Hue web interface in a Google Chrome browser. The main panel displays a table with the following data:

	state_name	state_district_name	populationperhouse	districtrnk
1	Assam	Dhemaji	5.2103445894620535	1
2	Assam	Marigaon	4.978445126406547	2
3	Bihar	Gopalganj	5.979195301761839	1
4	Bihar	Nawada	5.944978455419291	2
5	Chhattisgarh	Durg	4.716408016844732	1
6	Chhattisgarh	Rajnandgaon	4.651162790697675	2
7	Jharkhand	Kodarma	5.868167462952465	1
8	Jharkhand	Giridih	5.787106964805766	2
9	Madhya Pradesh	Jhabua	5.5903925014645575	1
10	Madhya Pradesh	Sehore	5.366774132372464	2
11	Odisha	Bhadrak	4.765950743055191	1
12	Odisha	Jajapur	4.494145867839397	2
13	Rajasthan	Dhaulpur	5.810972222222222	1
14	Rajasthan	Barmer	5.629192111322455	2
15	Uttar Pradesh	Sant Ravidas Nagar (Bhadohi)	6.210831290394473	1
16	Uttar Pradesh	Baghpat	6.11956799591002	2
17	Uttarakhand	Udham Singh Nagar	5.1164532900989546	1

The interface also shows a sidebar with a list of tables and a right-hand panel with an Assistant and Functions section.

Q5) Find top 2 districts per state with the lowest sex ratios

```
select State_Name, State_District_Name, cc_sex_ratio_all_ages_total,
DistrictRnk from
(select State_Name, State_District_Name, cc_sex_ratio_all_ages_total,
RANK() over (partition by State_Name order by cc_sex_ratio_all_ages_total
desc) as DistrictRnk
from healthsurvey_orc_tbl_subsetschema1) as RankedDistricts
where DistrictRnk < 3;
```

The screenshot shows the Hue web interface. At the top, there's a navigation bar with the Hue logo and a search bar. Below it, a sidebar on the left contains 'Query History' and 'Saved Queries'. The main area displays 'Results (18)' with a table of data. The table has 4 columns: 'state_name', 'state_district_name', 'cc_sex_ratio_all_ages_total', and 'districtmk'. The data rows show information for various states and districts in India, including Assam, Bihar, Chhattisgarh, Jharkhand, Madhya Pradesh, Odisha, Rajasthan, and Uttar Pradesh.

state_name	state_district_name	cc_sex_ratio_all_ages_total	districtmk	
1	Assam	Nalbari	1044	1
2	Assam	Cachar	995	2
3	Bihar	Nawada	1069	1
4	Bihar	Gaya	1046	2
5	Chhattisgarh	Mahasamund	1006.16	1
6	Chhattisgarh	Dantewada	1004.72	2
7	Jharkhand	Pashchimi Singhbhum	993	1
8	Jharkhand	Gumla	992	2
9	Madhya Pradesh	Mandla	1006.1	1
10	Madhya Pradesh	Balaghat	1002.6	2
11	Odisha	Kendrapara	1103	1
12	Odisha	Bhadrak	1067	2
13	Rajasthan	Jalor	1047	1
14	Rajasthan	Rajsamand	1017	2

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≡ HUE Query Search data and saved documents... Jobs cloudera

Tables (22) Filter...

flights_data
flights_data_ext
healthsurvey_defaulttbl_subsetschema
healthsurvey_orc_tbl_subsetschema
healthsurvey_orc_tbl_subsetschema1
healthsurvey_tbl
healthsurvey_tbl_orc_partitioned
yy_under_five_mortality_rate_u5mr_total_person (ll_total_fertility_rate_total (double)
state_district_name (string)
aa_population_total (double)
aa_households_total (double)
cc_sex_ratio_all_ages_total (double)
state_name (string)
healthsurvey_txt
healthsurvey_txt1
healthsurvey_txt2
parking_violation_issued
parking_violation_issued1

Query History Saved Queries Results (18)

X-AXIS: state_name
Y-AXIS: ☒ populationperhouse ☒ districttrnk
GROUP: Choose a colu...
LIMIT: Limit the numb...
SORTING:

6.210831

Assam Bihar Chhattisgarh Jharkhand Madhya Pradesh Odisha Rajasthan Uttar Pradesh

Assistant Functions

Tables Filter...

default.healthsurvey_orc_tbl_subsetschen
yy_under_five_mortality_rate_us... double
ll_total_fertility_rate_total double
state_district_name string
aa_population_total double
aa_households_total double
cc_sex_ratio_all_ages_total double
state_name string