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| **RTRA Statistics and SAS Syntax** |
| **Statistic** | **Command** | **Example** |
| **Frequency** | Command: **%RTRAFreq (**InputDataset=,OutputName=,ClassVarList=,UserWeight=); | Calculate the **number of people** in the population by different education levels and by gender.Command: **%RTRAFreq(**InputDataset=work.LFS,OutputName=Table1,ClassVarList=Education Sex,UserWeight=Finalwt); |
| **Mean** | Command: **%RTRAMean (**InputDataset=,OutputName=,ClassVarList=,AnalysisVarList=,UserWeight=); | Calculate the average **income** level of those with different education levels and gender.Command: **%RTRAMean (**InputDataset=work.LFS,OutputName=Table1,ClassVarList=Education Sex,AnalysisVarList=Income,UserWeight=Finalwt); |
| **Percentiles** | Command: **%RTRAPercentile (**InputDataset=,OutputName=,ClassVarList=,AnalysisVar=,Percentiles=,UserWeight=); | Find the first quartile, the median and the third quartile **incomes** for males and females.Command: **%RTRAPercentile (**InputDataset=work.LFS,OutputName=Table1,ClassVarList=Education Sex,AnalysisVar=Income,Percentiles=25 50 75,UserWeight=Finalwt); |
| **Proportions** | Command: **%RTRAProportion (**InputDataset=,OutputName=,ClassVarList=,ByVar=,UserWeight=); | Find the proportion of the **population living without asthma.**Command: **%RTRAProportion (**InputDataset=work.CCHS,OutputName=Table1,ClassVarList=Sex,ByVar=Asthma,UserWeight=Finalwt); |
| **Ratio** | Command: **%RTRARatio (**InputDataset=,OutputName=,ClassVarList=,NumeratorVar=,DenominatorVar=,ByVar=,UserWeight=); | Calculate the ratio of total income over total hours worked for each province, giving an hourly wage rate.Command: **%RTRARatio (**InputDataset=work.LFS,OutputName=Table1,ClassVarList=,NumeratorVar=Income,DenominatorVar= Hours\_worked,ByVar=Province,UserWeight=Finalwt); |
| **Share** | Command: **%RTRAShare (**InputDataset=,OutputName=,ClassVarList=,ShareOfVar=,ByVar=,UserWeight=); | Calculate the share of total income earned by province.Command: **%RTRAShare (**InputDataset=work.LFS,OutputName=Table1,ClassVarList=,ShareOfVar=Income,ByVar=Province,UserWeight=Finalwt); |