

*#Install/Call the appropriate libraries*

```
library(tidyverse)
```

```
library(data.table)
```

```
library(stringr)
```

*#How to check whether Emergency Call allowance is above the approved rate*

```
ED868<- read.csv("868c_2122.csv")
```

```
EX868a<-filter(ED868,JOBGROUP == "L"& AMOUNT<66000 |
```

```
  JOBGROUP == "M"& AMOUNT<72000 |
```

```
  JOBGROUP == "N"& AMOUNT<72000 |
```

```
  JOBGROUP == "P"& AMOUNT<72000 |
```

```
  JOBGROUP == "Q"& AMOUNT<80000 |
```

```
  JOBGROUP == "R"& AMOUNT<80000 |
```

```
  JOBGROUP == "S"& AMOUNT<80000 |
```

```
  JOBGROUP == "T"& AMOUNT<80000)
```

```
nrow(EX868a)
```

```
write.csv(EX868a,"Overpayment_868c_2122.csv")
```

*#How to check whether Emergency Call allowance is paid to non-doctors (Irregular)*

```
ED990<- read.csv("990c_2122.csv")
```

```
EX9901<-filter(ED990,SALUTE!="Dr"& SALUTE!="Dr."& SALUTE!="DR")
```

```
nrow(EX868z1)
```

```
write.csv(EX868z1,"Irregular_868c_1819.csv")
```

*#How to check whether Emergency Call allowance is paid to non-doctors (Irregular)*

```
ED868z<- read.csv("868_1819.csv")
```

```
EX868z1<-filter(ED868z,SALUTE!="Dr"& SALUTE!="Dr."& SALUTE!="DR")
```

```
nrow(EX868z1)
```

```
write.csv(EX868z1,"Irregular_868c_1819.csv")
```

```
ED820<- read.csv("820c_2122.csv")
EX820a<-filter(ED820,AMOUNT>10000)
nrow(EX820a)
write.csv(EX820a,"Overpayment_820c_2122.csv")
```

```
ED820b<- read.csv("820c_2122.csv")
EX820b1<-filter(ED820b,PAYGROUP == "AC")
nrow(EX820b1)
write.csv(EX820b1,"Irregular_820c_2122.csv")
```

*#How to check for overpayment of Health Risk allowance*

```
ED819a<- read.csv("819c_2122.csv")
EX819b<-filter(ED819a,AMOUNT!=20000 & AMOUNT!=2000 & AMOUNT!=3000
               & AMOUNT!=3850)
nrow(EX819b)
write.csv(EX819b,"Overpayment_819c_2122.csv")
```

*#How to check whether Health Risk allowance is is paid to non-doctors (Irregular)*

```
ED819z<- read.csv("819_2021.csv")
EX819z1<-filter(ED819z,SALUTE=="Dr" | SALUTE=="Dr." | SALUTE=="DR")
nrow(EX819z1)
write.csv(EX819z1,"Irregular_819c_2021.csv")
```

*#Non-Practicing Allowance- it became impracticable to determine the rates given that there are several professionals paid at different rates. In addition, the designation would not be the most reliable way to differentiate the professionals*

```
ED833z<- read.csv("833_2021.csv")
EX833z1<-filter(ED833z,JOBGROUP == "L"& AMOUNT<12000|
                JOBGROUP == "M"& AMOUNT<19000|
                JOBGROUP == "N"& AMOUNT<32000|
                JOBGROUP == "P"& AMOUNT<46000|
                JOBGROUP == "Q"& AMOUNT<51000|
                JOBGROUP == "R"& AMOUNT<51000|
                JOBGROUP == "S"& AMOUNT<60000|
```

```
JOBGROUP == "T"& AMOUNT<60000)
nrow(EX833z1)
write.csv(EX833z1,"Irregular_833c_2021.csv")
```

*#Check whether House Allowance is paid at the approved rates- for Nairobi City*

```
ED802<- read.csv("802_1819.csv")
ED802a<- filter(ED802,VOTECODE==34701)
EX802b<-filter(ED802a,JOBGROUP == "A" & AMOUNT>3750 |
  JOBGROUP == "B" & AMOUNT>3750 |
  JOBGROUP == "C" & AMOUNT>3750|
  JOBGROUP == "D" & AMOUNT>4125|
  JOBGROUP == "E" & AMOUNT>4500|
  JOBGROUP == "F" & AMOUNT>4500|
  JOBGROUP == "G" & AMOUNT>6750|
  JOBGROUP == "H" & AMOUNT>6750|
  JOBGROUP == "J" & AMOUNT>10000|
  JOBGROUP == "K" & AMOUNT>16500|
  JOBGROUP == "L" & AMOUNT>28000|
  JOBGROUP == "M" & AMOUNT>28000|
  JOBGROUP == "N" & AMOUNT>35000|
  JOBGROUP == "P" & AMOUNT>45000|
  JOBGROUP == "Q" & AMOUNT>45000|
  JOBGROUP == "R" & AMOUNT>50000|
  JOBGROUP == "S" & AMOUNT>60000|
  JOBGROUP == "T" & AMOUNT>80000|
  JOBGROUP == "U" & AMOUNT>80000|
  JOBGROUP == "V" & AMOUNT>100000)
nrow(EX802b)
write.csv(EX802b,"Overpayment_802c_1819-34701.csv")
```

*#Check whether Leave allowance is paid at the approved rate*

```
ED845b<- read.csv("845_2021.csv")
EX845b1<-filter(ED845b,JOBGROUP == "D"& AMOUNT>4000|
  JOBGROUP == "E"& AMOUNT>4000|
  JOBGROUP == "H"& AMOUNT>4000|
  JOBGROUP == "L"& AMOUNT>6000|
  JOBGROUP == "M"& AMOUNT>6000|
  JOBGROUP == "N"& AMOUNT>6000|
  JOBGROUP == "P"& AMOUNT>10000|
  JOBGROUP == "Q"& AMOUNT>10000|
  JOBGROUP == "R"& AMOUNT>10000|
  JOBGROUP == "S"& AMOUNT>10000)
nrow(EX845b1)
write.csv(EX845b1,"Overpayment_845c_2021.csv")
```

### *#House Allowance- for Counties in the former municipalities*

```
ED802e<- read.csv("802_2021.csv")
ED802e1<- filter(ED802e,VOTECODE==32201 |VOTECODE==32701|VOTECODE==30101|
  VOTECODE==34201|VOTECODE==31901|VOTECODE==30301|
  VOTECODE==34501|VOTECODE==33201|VOTECODE==32601)
EX802e2<-filter(ED802e1,JOBGROUP == "A" & AMOUNT>3125 |
  JOBGROUP == "B" & AMOUNT>3125 |
  JOBGROUP == "C" & AMOUNT>3125|
  JOBGROUP == "D" & AMOUNT>3375|
  JOBGROUP == "E" & AMOUNT>3730|
  JOBGROUP == "F" & AMOUNT>3730|
  JOBGROUP == "G" & AMOUNT>4500|
  JOBGROUP == "H" & AMOUNT>4500|
  JOBGROUP == "J" & AMOUNT>7500|
  JOBGROUP == "K" & AMOUNT>12800|
  JOBGROUP == "L" & AMOUNT>22000|
```

```
JOBGROUP == "M" & AMOUNT>22000|
JOBGROUP == "N" & AMOUNT>25500|
JOBGROUP == "P" & AMOUNT>28000|
JOBGROUP == "Q" & AMOUNT>28000|
JOBGROUP == "R" & AMOUNT>35000|
JOBGROUP == "S" & AMOUNT>56000|
JOBGROUP == "T" & AMOUNT>70000|
JOBGROUP == "U" & AMOUNT>70000|
JOBGROUP == "V" & AMOUNT>70000)
```

```
nrow(EX802e2)
```

```
write.csv(EX802e2,"Overpayment_802c_2021-Former.csv")
```

### *#House Allowance- for Counties in the Other Areas*

```
ED802z<- read.csv("802_2021.csv")
```

```
ED802z1<- filter(ED802z,VOTECODE==33601|VOTECODE==32801|VOTECODE==32901|
VOTECODE==34301|VOTECODE==31101|VOTECODE==30201|
VOTECODE==32301|VOTECODE==34101|VOTECODE==33801|
VOTECODE==31601|VOTECODE==34401|VOTECODE==32101|
VOTECODE==33501|VOTECODE==30401|VOTECODE==31501|
VOTECODE==31201|VOTECODE==32401|VOTECODE==33701|
VOTECODE==33901|VOTECODE==34001|VOTECODE==31401|
VOTECODE==33301|VOTECODE==34601|VOTECODE==33401|
VOTECODE==30701|VOTECODE==30901|VOTECODE==32001|
VOTECODE==31801|VOTECODE==31701|VOTECODE==30801|
VOTECODE==31301|VOTECODE==32501|VOTECODE==33101|
VOTECODE==33001|VOTECODE==30501|VOTECODE==30601|
VOTECODE==31001)
```

```
EX802z<-filter(ED802z1,JOBGROUP == "A" & AMOUNT>2500 |
```

```
JOBGROUP == "B" & AMOUNT>2500 |
JOBGROUP == "C" & AMOUNT>2500|
JOBGROUP == "D" & AMOUNT>2750|
```

```

JOBGROUP == "E" & AMOUNT>2960 |
JOBGROUP == "F" & AMOUNT>3000 |
JOBGROUP == "G" & AMOUNT>3850 |
JOBGROUP == "H" & AMOUNT>3850 |
JOBGROUP == "J" & AMOUNT>5800 |
JOBGROUP == "K" & AMOUNT>9600 |
JOBGROUP == "L" & AMOUNT>16500 |
JOBGROUP == "M" & AMOUNT>16500 |
JOBGROUP == "N" & AMOUNT>18000 |
JOBGROUP == "P" & AMOUNT>21000 |
JOBGROUP == "Q" & AMOUNT>21000 |
JOBGROUP == "R" & AMOUNT>25000 |
JOBGROUP == "S" & AMOUNT>52000 |
JOBGROUP == "T" & AMOUNT>60000 |
JOBGROUP == "U" & AMOUNT>60000 |
JOBGROUP == "V" & AMOUNT>60000)
nrow(EX802z)
write.csv(EX802z,"Overpayment_802c_2021-Others.csv")

```

*#Check whether Hardship Allowance is paid as per the approved rates*

```

ED805b<- read.csv("805_1920.csv")
EX805b1<-filter(ED805b,JOBGROUP == "A" & AMOUNT>2800 |
  JOBGROUP == "B" & AMOUNT>3000 |
  JOBGROUP == "C" & AMOUNT>3000 |
  JOBGROUP == "D" & AMOUNT>3300 |
  JOBGROUP == "E" & AMOUNT>3700 |
  JOBGROUP == "F" & AMOUNT>4300 |
  JOBGROUP == "G" & AMOUNT>5700 |
  JOBGROUP == "H" & AMOUNT>6600 |

```

```

JOBGROUP == "J" & AMOUNT>8200|
JOBGROUP == "K" & AMOUNT>10900|
JOBGROUP == "L" & AMOUNT>12300|
JOBGROUP == "M" & AMOUNT>14650|
JOBGROUP == "N" & AMOUNT>17100|
JOBGROUP == "P" & AMOUNT>27300|
JOBGROUP == "Q" & AMOUNT>31500|
JOBGROUP == "R" & AMOUNT>38100|
JOBGROUP == "S" & AMOUNT>45000|
JOBGROUP == "T" & AMOUNT>60000|
JOBGROUP == "U" & AMOUNT>60000|
JOBGROUP == "V" & AMOUNT>60000)
nrow(EX805b1)
write.csv(EX805b1,"Overpayment_805c_1920.csv")

```

*#Check whether Commuter Allowance is paid as per the approved rates*

```

ED813<- read.csv("813c_2122.csv")
EX813b<-filter(ED813,JOBGROUP == "A" & AMOUNT>4000 |
  JOBGROUP == "B" & AMOUNT>4000 |
  JOBGROUP == "C" & AMOUNT>4000|
  JOBGROUP == "D" & AMOUNT>4000|
  JOBGROUP == "E" & AMOUNT>4000|
  JOBGROUP == "F" & AMOUNT>4000|
  JOBGROUP == "G" & AMOUNT>5000|
  JOBGROUP == "H" & AMOUNT>6000|
  JOBGROUP == "J" & AMOUNT>8000|
  JOBGROUP == "K" & AMOUNT>8000|
  JOBGROUP == "L" & AMOUNT>12000|
  JOBGROUP == "M" & AMOUNT>12000|

```

```

JOBGROUP == "N" & AMOUNT>14000|
JOBGROUP == "P" & AMOUNT>16000|
JOBGROUP == "Q" & AMOUNT>16000|
JOBGROUP == "R" & AMOUNT>16000|
JOBGROUP == "S" & AMOUNT>20000|
JOBGROUP == "T" & AMOUNT>20000|
JOBGROUP == "18" & AMOUNT>4000 |
JOBGROUP == "17" & AMOUNT>4000 |
JOBGROUP == "16" & AMOUNT>4000|
JOBGROUP == "15" & AMOUNT>4000|
JOBGROUP == "14" & AMOUNT>4000|
JOBGROUP == "13" & AMOUNT>4000|
JOBGROUP == "12" & AMOUNT>5000|
JOBGROUP == "11" & AMOUNT>6000|
JOBGROUP == "10" & AMOUNT>8000|
JOBGROUP == "9" & AMOUNT>8000|
JOBGROUP == "8" & AMOUNT>12000|
JOBGROUP == "7" & AMOUNT>12000|
JOBGROUP == "6" & AMOUNT>14000|
JOBGROUP == "5" & AMOUNT>16000|
JOBGROUP == "4" & AMOUNT>16000|
JOBGROUP == "3" & AMOUNT>16000|
JOBGROUP == "2" & AMOUNT>20000|
JOBGROUP == "1" & AMOUNT>20000)

```

```
nrow(EX813b)
```

```
write.csv(EX813b,"Overpayment_813c_2122.csv")
```

*#Check whether there are Persons Without Disabilities and No PAYE is deducted*

```
pay1819 <-read.csv("county_pyr_combined_18_19.csv")
```

```
paye1 <- filter(pay1819,EDCODE == 935 & AMOUNT==0 & SPECIONEED==0)
```

```
nrow(paye1)
```

```
write.csv(paye1,"NoPaye_935_1819c.csv")
```



```

ED845m2<- read.csv("845m_2021.csv")
EX845m2<-filter(ED845m2,JOBGROUP == "D"& AMOUNT>4000|
  JOBGROUP == "E"& AMOUNT>4000|
  JOBGROUP == "H"& AMOUNT>4000|
  JOBGROUP == "L"& AMOUNT>6000|
  JOBGROUP == "M"& AMOUNT>6000|
  JOBGROUP == "N"& AMOUNT>6000|
  JOBGROUP == "P"& AMOUNT>10000|
  JOBGROUP == "Q"& AMOUNT>10000|
  JOBGROUP == "R"& AMOUNT>10000|
  JOBGROUP == "S"& AMOUNT>10000)
nrow(EX845m2)
write.csv(EX845m2,"Overpayment_845m_2021.csv")

```

*#extract those not special And No PAYE*

```

pay1819 <-fread("county_pyr_combined_18_19.csv",select =
c(1,2,17,44,3,4,5,6,7,8,9,30,34,41))
paye1 <- filter(pay1819,EDCODE == 935 & AMOUNT==0 & SPECIONEED==0)
nrow(paye1)
write.csv(paye1,"NoPaye_935_1819c.csv")

pay1920 <-fread("county_pyr_combined_19_20.csv",select =
c(1,2,17,44,3,4,5,6,7,8,9,30,34,41))
paye1a <- filter(pay1920,EDCODE == 935 & AMOUNT==0 & SPECIONEED==0)
nrow(paye1a)
write.csv(paye1a,"NoPaye_935_1920c.csv")

pay2021 <-fread("county_pyr_combined_20_21.csv",select =
c(1,2,17,44,3,4,5,6,7,8,9,30,34,41))
paye1b <- filter(pay2021,EDCODE == 935 & AMOUNT==0 & SPECIONEED==0)

```

```
nrow(paye1b)
write.csv(paye1b,"NoPaye_935_2021c.csv")
```

#Check whether Basic Salary is paid as per the approved rates

```
ED801 <- read.csv("801c_2122.csv")
ED801c <- mutate(ED801, SCALE=paste(PAYGROUP, JOBGROUP, SCALEPOINT))
ED801d <- ED801c %>% select('SOURCE', 'PAYROLLNUM', 'SALUTE', 'SURNAME', 'FIRSTNAME',
                             'OTHERNAMES', 'EDCODE', 'AMOUNT', 'SCALE', 'VOTECODE')
ED801d
EX801 <- filter(ED801m3, SCALE=="AY 1 1" & AMOUNT>1650000|
                SCALE=="AY 2 1" & AMOUNT>1402500|
                SCALE=="AY 4 1" & AMOUNT>924000|
                SCALE=="AY 5 1" & AMOUNT>924000|
                SCALE=="AY 6 1" & AMOUNT>621250|
                SCALE=="AY 7 1" & AMOUNT>404250|
                SCALE=="AY 8 1" & AMOUNT>259875|
                SCALE=="AY 9 1" & AMOUNT>144375|
                SCALE=="AY @ 1" & AMOUNT>216563|
                SCALE=="AY U 1" & AMOUNT>292765|
                SCALE=="AY U 2" & AMOUNT>312085|
                SCALE=="AY U 3" & AMOUNT>333140|
                SCALE=="AY U 4" & AMOUNT>356090|
                SCALE=="AY U 5" & AMOUNT>381105|
                SCALE=="AY U 6" & AMOUNT>406120|
                SCALE=="AY U 7" & AMOUNT>436120|
                SCALE=="AY U 8" & AMOUNT>471120|
                SCALE=="AY U 9" & AMOUNT>506120|
                SCALE=="AY U 10" & AMOUNT>541120|
                SCALE=="AY U 11" & AMOUNT>576120|
                SCALE=="AB F 1" & AMOUNT>16890|
                SCALE=="AB F 2" & AMOUNT>17570|
```

SCALE=="AB F 3" & AMOUNT>18270|  
SCALE=="AB G 1" & AMOUNT>21500|  
SCALE=="AB G 2" & AMOUNT>22500|  
SCALE=="AB G 3" & AMOUNT>23530|  
SCALE=="AB G 4" & AMOUNT>24580|  
SCALE=="AB G 5" & AMOUNT>25650|  
SCALE=="AB G 6" & AMOUNT>26730|  
SCALE=="AB G 7" & AMOUNT>27840|  
SCALE=="AB G 8" & AMOUNT>28970|  
SCALE=="AB H 1" & AMOUNT>24580|  
SCALE=="AB H 2" & AMOUNT>25650|  
SCALE=="AB H 3" & AMOUNT>26730|  
SCALE=="AB H 4" & AMOUNT>27840|  
SCALE=="AB H 5" & AMOUNT>28970|  
SCALE=="AB H 6" & AMOUNT>30170|  
SCALE=="AB H 7" & AMOUNT>31430|  
SCALE=="AB H 8" & AMOUNT>32760|  
SCALE=="AB J 1" & AMOUNT>30170|  
SCALE=="AB J 2" & AMOUNT>31430|  
SCALE=="AB J 3" & AMOUNT>32760|  
SCALE=="AB J 4" & AMOUNT>34140|  
SCALE=="AB J 5" & AMOUNT>35600|  
SCALE=="AB J 6" & AMOUNT>37070|  
SCALE=="AB J 7" & AMOUNT>38540|  
SCALE=="AB J 8" & AMOUNT>40060|  
SCALE=="AB K 1" & AMOUNT>37070|  
SCALE=="AB K 2" & AMOUNT>38540|  
SCALE=="AB K 3" & AMOUNT>40060|  
SCALE=="AB K 4" & AMOUNT>41770|  
SCALE=="AB K 5" & AMOUNT>43680|  
SCALE=="AB K 6" & AMOUNT>45680|

SCALE=="AB K 7" & AMOUNT>47780|  
SCALE=="AB K 8" & AMOUNT>49950|  
SCALE=="AB L 1" & AMOUNT>41770|  
SCALE=="AB L 2" & AMOUNT>43680|  
SCALE=="AB L 3" & AMOUNT>45680|  
SCALE=="AB L 4" & AMOUNT>47780|  
SCALE=="AB L 5" & AMOUNT>49950|  
SCALE=="AB L 6" & AMOUNT>52500|  
SCALE=="AB L 7" & AMOUNT>55150|  
SCALE=="AB L 8" & AMOUNT>57900|  
SCALE=="AB M 1" & AMOUNT>47780|  
SCALE=="AB M 2" & AMOUNT>49950|  
SCALE=="AB M 3" & AMOUNT>52500|  
SCALE=="AB M 4" & AMOUNT>55150|  
SCALE=="AB M 5" & AMOUNT>57900|  
SCALE=="AB M 6" & AMOUNT>60820|  
SCALE=="AB M 7" & AMOUNT>63900|  
SCALE=="AB N 1" & AMOUNT>55150|  
SCALE=="AB N 2" & AMOUNT>57900|  
SCALE=="AB N 3" & AMOUNT>60820|  
SCALE=="AB N 4" & AMOUNT>63900|  
SCALE=="AB N 5" & AMOUNT>67340|  
SCALE=="AB N 6" & AMOUNT>70930|  
SCALE=="AB N 7" & AMOUNT>74720|  
SCALE=="AB N 8" & AMOUNT>78520|  
SCALE=="AB N 9" & AMOUNT>82330|  
SCALE=="AB P 1" & AMOUNT>85110|  
SCALE=="AB P 2" & AMOUNT>89350|  
SCALE=="AB P 3" & AMOUNT>93830|  
SCALE=="AB P 4" & AMOUNT>98500|  
SCALE=="AB P 5" & AMOUNT>103440|

SCALE=="AB P 6" & AMOUNT>108610|  
SCALE=="AB P 7" & AMOUNT>114030|  
SCALE=="AB P 8" & AMOUNT>119730|  
SCALE=="AB Q 1" & AMOUNT>98500|  
SCALE=="AB Q 2" & AMOUNT>103440|  
SCALE=="AB Q 3" & AMOUNT>108610|  
SCALE=="AB Q 4" & AMOUNT>114030|  
SCALE=="AB Q 5" & AMOUNT>119730|  
SCALE=="AB Q 6" & AMOUNT>125720|  
SCALE=="AB Q 7" & AMOUNT>132000|  
SCALE=="AB R 1" & AMOUNT>119730|  
SCALE=="AB R 2" & AMOUNT>125720|  
SCALE=="AB R 3" & AMOUNT>132000|  
SCALE=="AB R 4" & AMOUNT>138480|  
SCALE=="AB R 5" & AMOUNT>145150|  
SCALE=="AB R 6" & AMOUNT>152010|  
SCALE=="AB R 7" & AMOUNT>159070|  
SCALE=="AB R 8" & AMOUNT>166780|  
SCALE=="BA 7 1" & AMOUNT>225000|  
SCALE=="BA 7 2" & AMOUNT>243750|  
SCALE=="BA 7 3" & AMOUNT>262500|  
SCALE=="BA 7 4" & AMOUNT>281250|  
SCALE=="BA 7 5" & AMOUNT>300000|  
SCALE=="BA 7 6" & AMOUNT>318750|  
SCALE=="BA 8 1" & AMOUNT>180000|  
SCALE=="BA 8 2" & AMOUNT>195000|  
SCALE=="BA 8 3" & AMOUNT>210000|  
SCALE=="BA 8 4" & AMOUNT>225000|  
SCALE=="BA 8 5" & AMOUNT>240000|  
SCALE=="BA 8 6" & AMOUNT>255000|  
SCALE=="BA 9 1" & AMOUNT>165089|

SCALE=="BA 9 2" & AMOUNT>172442|  
SCALE=="BA 9 3" & AMOUNT>179795|  
SCALE=="BA 9 4" & AMOUNT>187148|  
SCALE=="BA 9 5" & AMOUNT>194501|  
SCALE=="BA 9 6" & AMOUNT>201854|  
SCALE=="BA A 1" & AMOUNT>13280|  
SCALE=="BA A 2" & AMOUNT>13530|  
SCALE=="BA A 3" & AMOUNT>13830|  
SCALE=="BA A 4" & AMOUNT>14150|  
SCALE=="BA B 1" & AMOUNT>13530|  
SCALE=="BA B 2" & AMOUNT>13830|  
SCALE=="BA B 3" & AMOUNT>14150|  
SCALE=="BA B 4" & AMOUNT>14610|  
SCALE=="BA C 1" & AMOUNT>13830|  
SCALE=="BA C 2" & AMOUNT>14150|  
SCALE=="BA C 3" & AMOUNT>14610|  
SCALE=="BA C 4" & AMOUNT>15120|  
SCALE=="BA D 1" & AMOUNT>14610|  
SCALE=="BA D 2" & AMOUNT>15120|  
SCALE=="BA D 3" & AMOUNT>15670|  
SCALE=="BA D 4" & AMOUNT>16250|  
SCALE=="BA E 1" & AMOUNT>15670|  
SCALE=="BA E 2" & AMOUNT>16250|  
SCALE=="BA E 3" & AMOUNT>16890|  
SCALE=="BA E 4" & AMOUNT>17570|  
SCALE=="BA F 1" & AMOUNT>16890|  
SCALE=="BA F 2" & AMOUNT>17570|  
SCALE=="BA F 3" & AMOUNT>18270|  
SCALE=="BA F 4" & AMOUNT>19050|  
SCALE=="BA F 5" & AMOUNT>19850|  
SCALE=="BA F 6" & AMOUNT>20800|

SCALE=="BA G 1" & AMOUNT>21500|  
SCALE=="BA G 2" & AMOUNT>22500|  
SCALE=="BA G 3" & AMOUNT>23530|  
SCALE=="BA G 4" & AMOUNT>24580|  
SCALE=="BA G 5" & AMOUNT>25650|  
SCALE=="BA G 6" & AMOUNT>26730|  
SCALE=="BA G 7" & AMOUNT>27840|  
SCALE=="BA G 8" & AMOUNT>28970|  
SCALE=="BA H 1" & AMOUNT>24580|  
SCALE=="BA H 2" & AMOUNT>25650|  
SCALE=="BA H 3" & AMOUNT>26730|  
SCALE=="BA H 4" & AMOUNT>27840|  
SCALE=="BA H 5" & AMOUNT>28970|  
SCALE=="BA H 6" & AMOUNT>30170|  
SCALE=="BA H 7" & AMOUNT>31430|  
SCALE=="BA H 8" & AMOUNT>32760|  
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SCALE=="AA N 3" & AMOUNT>60820|  
SCALE=="AA N 4" & AMOUNT>63900|  
SCALE=="AA N 5" & AMOUNT>67340|  
SCALE=="AA N 6" & AMOUNT>70930|  
SCALE=="AA N 7" & AMOUNT>74720|  
SCALE=="AA N 8" & AMOUNT>78520|  
SCALE=="AA N 9" & AMOUNT>82330|  
SCALE=="AA P 1" & AMOUNT>85110|  
SCALE=="AA P 2" & AMOUNT>89350|  
SCALE=="AA P 3" & AMOUNT>93830|  
SCALE=="AA P 4" & AMOUNT>98500|  
SCALE=="AA P 5" & AMOUNT>103440|  
SCALE=="AA P 6" & AMOUNT>108610|  
SCALE=="AA P 7" & AMOUNT>114030|  
SCALE=="AA P 8" & AMOUNT>119730|  
SCALE=="AA Q 1" & AMOUNT>98500|  
SCALE=="AA Q 2" & AMOUNT>103440|  
SCALE=="AA Q 3" & AMOUNT>108610|  
SCALE=="AA Q 4" & AMOUNT>114030|  
SCALE=="AA Q 5" & AMOUNT>119730|  
SCALE=="AA Q 6" & AMOUNT>125720|  
SCALE=="AA Q 7" & AMOUNT>132000|  
SCALE=="AA R 1" & AMOUNT>119730|  
SCALE=="AA R 2" & AMOUNT>125720|  
SCALE=="AA R 3" & AMOUNT>132000|  
SCALE=="AA R 4" & AMOUNT>138480|  
SCALE=="AA R 5" & AMOUNT>145150|  
SCALE=="AA R 6" & AMOUNT>152010|  
SCALE=="AA R 7" & AMOUNT>159070|  
SCALE=="AA R 8" & AMOUNT>166780|

```
SCALE=="AA S 1" & AMOUNT>132000|  
SCALE=="AA S 2" & AMOUNT>138480|  
SCALE=="AA S 3" & AMOUNT>145150|  
SCALE=="AA S 4" & AMOUNT>152010|  
SCALE=="AA S 5" & AMOUNT>159070|  
SCALE=="AA S 6" & AMOUNT>166780|  
SCALE=="AA S 7" & AMOUNT>180440|  
SCALE=="AA S 8" & AMOUNT>195410|  
SCALE=="AA T 1" & AMOUNT>166780|  
SCALE=="AA T 2" & AMOUNT>180440|  
SCALE=="AA T 3" & AMOUNT>195410|  
SCALE=="AA T 4" & AMOUNT>210670|  
SCALE=="AA T 5" & AMOUNT>228860|  
SCALE=="AA T 6" & AMOUNT>249010|  
SCALE=="AA T 7" & AMOUNT>270950|  
SCALE=="AA T 8" & AMOUNT>295940|  
SCALE=="AA T 9" & AMOUNT>322040|  
SCALE=="AA U 1" & AMOUNT>765188|  
SCALE=="AA V 1" & AMOUNT>792000|  
SCALE=="AA V 2" & AMOUNT>858000|  
SCALE=="AA V 3" & AMOUNT>924000|  
SCALE=="AA V 4" & AMOUNT>990000|  
SCALE=="AA V 5" & AMOUNT>1056000)
```

```
nrow(EX801m)
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```
write.csv(EX801m,"Overpayment_801m_1920.csv")
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