

Data-Reading

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Information on Quantity of Controlled Drugs Siezed

```
library(tidyverse)
```

```
## -- Attaching core tidyverse packages ----- tidyverse 2.0.0 --
## v dplyr      1.1.3      v readr      2.1.4
## v forcats    1.0.0      v stringr   1.5.0
## v ggplot2    3.4.3      v tibble    3.2.1
## v lubridate  1.9.3      v tidyr     1.3.0
## v purrr      1.0.2
## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()     masks stats::lag()
## i Use the conflicted package (<http://conflicted.r-lib.org/>) to force all conflicts to become errors
```

```
quantity_drugs_seized <- read_csv("Informationonquantityofcontrolleddrugsseized.csv")
```

```
## Rows: 227 Columns: 4
## -- Column specification -----
## Delimiter: ","
## chr (3): drug, unit_of_measure, amount
## dbl (1): year
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
quantity_drugs_seized
```

```
## # A tibble: 227 x 4
##   year drug    unit_of_measure amount
##   <dbl> <chr>   <chr>             <chr>
## 1  2003 HEROIN KG              13.03
## 2  2004 HEROIN KG              4.47
## 3  2005 HEROIN KG              6.31
## 4  2006 HEROIN KG              6.13
## 5  2007 HEROIN KG             17.22
## 6  2008 HEROIN KG             44.5
## 7  2009 HEROIN KG             29.14
## 8  2010 HEROIN KG             49.02
```

```
## 9 2011 HEROIN KG 72.67
## 10 2012 HEROIN KG 66.38
## # i 217 more rows
```

```
unique(quantity_drugs_seized$drug)
```

```
## [1] "HEROIN" "HEROIN NO.4" "CANNABIS" "ECSTASY"
## [5] "ICE" "YABA" "KETAMINE" "ERIMIN 5"
## [9] "BUPRENORPHINE" "OPIUM" "MEPHEDRONE" "TFMPP"
## [13] "NPS"
```

Inhalant Abusers Arrested by Status

```
abusers_by_status <- read_csv("DataonInhalantAbusersArrestedByStatus.csv")
```

```
## Rows: 57 Columns: 3
## -- Column specification -----
## Delimiter: ","
## chr (1): status
## dbl (2): year, no_of_inhalant_abusers_arrested
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
abusers_by_status
```

```
## # A tibble: 57 x 3
##   year status no_of_inhalant_abusers_arrested
##   <dbl> <chr> <dbl>
## 1 2003 Total 149
## 2 2004 Total 184
## 3 2005 Total 120
## 4 2006 Total 403
## 5 2007 Total 644
## 6 2008 Total 602
## 7 2009 Total 600
## 8 2010 Total 499
## 9 2011 Total 159
## 10 2012 Total 123
## # i 47 more rows
```

```
unique(abusers_by_status$year)
```

```
## [1] 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017
## [16] 2018 2019 2020 2021
```

Inhalant Abusers Arrested by Age

```
abusers_by_age <- read_csv("DataonInhalantAbusersArrestedbyAgeGroup.csv")
```

```
## Rows: 228 Columns: 4
## -- Column specification -----
## Delimiter: ","
## chr (2): status, age_group
## dbl (2): year, no_of_inhalant_abusers_arrested
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
abusers_by_age
```

```
## # A tibble: 228 x 4
##   year status age_group no_of_inhalant_abusers_arrested
##   <dbl> <chr> <chr> <dbl>
## 1  2003 Total Below 20 117
## 2  2004 Total Below 20 121
## 3  2005 Total Below 20 65
## 4  2006 Total Below 20 309
## 5  2007 Total Below 20 443
## 6  2008 Total Below 20 400
## 7  2009 Total Below 20 427
## 8  2010 Total Below 20 344
## 9  2011 Total Below 20 88
## 10 2012 Total Below 20 56
## # i 218 more rows
```

```
unique(abusers_by_age$year)
```

```
## [1] 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017
## [16] 2018 2019 2020 2021
```

```
unique(abusers_by_age$age_group)
```

```
## [1] "Below 20" "20-29" "30-39" "40-49" "50-59"
## [6] "60 & Above"
```

Inhalant Abusers Arrested by Gender

```
abusers_by_gender <- read_csv("DataonInhalantAbusersArrestedByGender.csv")
```

```
## Rows: 76 Columns: 4
## -- Column specification -----
## Delimiter: ","
## chr (2): status, gender
## dbl (2): year, no_of_inhalant_abusers_arrested
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
abusers_by_gender
```

```
## # A tibble: 76 x 4
##   year status gender no_of_inhalant_abusers_arrested
##   <dbl> <chr> <chr>                                <dbl>
## 1  2003 Total  Male                                111
## 2  2004 Total  Male                                155
## 3  2005 Total  Male                                102
## 4  2006 Total  Male                                313
## 5  2007 Total  Male                                525
## 6  2008 Total  Male                                469
## 7  2009 Total  Male                                446
## 8  2010 Total  Male                                361
## 9  2011 Total  Male                                124
## 10 2012 Total  Male                                 91
## # i 66 more rows
```

```
unique(abusers_by_gender$year)
```

```
## [1] 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017
## [16] 2018 2019 2020 2021
```

Inhalant Abusers Arrested by Ethnicity

```
abusers_by_ethnicity <- read_csv("DataonInhalantAbusersArrestedByEthnicGroup.csv")
```

```
## Rows: 152 Columns: 4
## -- Column specification -----
## Delimiter: ","
## chr (2): status, race
## dbl (2): year, no_of_inhalant_abusers_arrested
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
abusers_by_ethnicity
```

```
## # A tibble: 152 x 4
##   year status race    no_of_inhalant_abusers_arrested
##   <dbl> <chr> <chr>                                <dbl>
## 1  2003 Total  Chinese                                49
## 2  2004 Total  Chinese                                81
## 3  2005 Total  Chinese                                48
## 4  2006 Total  Chinese                               192
## 5  2007 Total  Chinese                               285
## 6  2008 Total  Chinese                               278
## 7  2009 Total  Chinese                               275
## 8  2010 Total  Chinese                               270
## 9  2011 Total  Chinese                                 81
## 10 2012 Total  Chinese                                 68
## # i 142 more rows
```

```
unique(abusers_by_ethnicity$year)
```

```
## [1] 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017
## [16] 2018 2019 2020 2021
```

Population of Inmates in DRC

```
inmates <- read_csv("PopulationofInmatesinDrugRehabilitationCentreDRC.csv")
```

```
## Rows: 17 Columns: 2
## -- Column specification -----
## Delimiter: ","
## dbl (2): year, number_of_population
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
inmates
```

```
## # A tibble: 17 x 2
##   year number_of_population
##   <dbl>           <dbl>
## 1 2006             432
## 2 2007             643
## 3 2008             563
## 4 2009             613
## 5 2010             765
## 6 2011            1280
## 7 2012            1503
## 8 2013            1617
## 9 2014            1400
## 10 2015            1419
## 11 2016            1464
## 12 2017            1360
## 13 2018            1461
## 14 2019            2309
## 15 2020            2984
## 16 2021            3120
## 17 2022            3337
```

Population of Inmates in DRC by Age (Before 2020)

```
inmates_by_age_before2020 <- read_csv("PopulationofInmatesinDrugRehabilitationCentreDRCbyAgeGroup20062019.csv")
```

```
## Rows: 90 Columns: 3
## -- Column specification -----
## Delimiter: ","
```

```
## chr (1): population_by_age_group
## dbl (2): year, number_of_population
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
inmates_by_age_before2020
```

```
## # A tibble: 90 x 3
##   year population_by_age_group number_of_population
##   <dbl> <chr>                  <dbl>
## 1  2006 Below 21                30
## 2  2006 21-30                 160
## 3  2006 31-40                 127
## 4  2006 41-50                  91
## 5  2006 51-60                  23
## 6  2006 60 Above                1
## 7  2007 Below 21                28
## 8  2007 21-30                 226
## 9  2007 31-40                 162
## 10 2007 41-50                 169
## # i 80 more rows
```

Population of Inmates in DRC by Age (After 2020)

```
inmates_by_age_after2020 <- read_csv("PopulationofInmatesinDrugRehabilitationCentreDRCbyAgeGroup2020onw")
```

```
## Rows: 27 Columns: 3
## -- Column specification -----
## Delimiter: ","
## chr (1): population_by_age_group
## dbl (2): year, number_of_population
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
inmates_by_age_after2020
```

```
## # A tibble: 27 x 3
##   year population_by_age_group number_of_population
##   <dbl> <chr>                  <dbl>
## 1  2020 19 & below            98
## 2  2020 20-29               667
## 3  2020 30-39               668
## 4  2020 40-49               614
## 5  2020 50-59               601
## 6  2020 60-64               222
## 7  2020 65-69                88
## 8  2020 70-74                22
## 9  2020 75 & above            4
## 10 2021 19 & below           59
## # i 17 more rows
```

Population of Inmates in DRC by Gender

```
inmates_by_gender <- read_csv("PopulationofInmatesinDrugRehabilitationCentreDRCbyGender.csv")
```

```
## Rows: 34 Columns: 3
## -- Column specification -----
## Delimiter: ","
## chr (1): population_by_gender
## dbl (2): year, number_of_population
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
inmates_by_gender
```

```
## # A tibble: 34 x 3
##   year population_by_gender number_of_population
##   <dbl> <chr>                <dbl>
## 1  2006 Male                  343
## 2  2006 Female                89
## 3  2007 Male                  521
## 4  2007 Female               122
## 5  2008 Male                  453
## 6  2008 Female               110
## 7  2009 Male                  501
## 8  2009 Female               112
## 9  2010 Male                  622
## 10 2010 Female               143
## # i 24 more rows
```

Population of Inmates in DRC by Education Level

```
inmates_by_education <- read_csv("PopulationofInmatesinDrugRehabilitationCentreDRCbyEducationLevel.csv")
```

```
## Rows: 102 Columns: 3
## -- Column specification -----
## Delimiter: ","
## chr (1): population_by_education_level
## dbl (2): year, number_of_population
##
## i Use 'spec()' to retrieve the full column specification for this data.
## i Specify the column types or set 'show_col_types = FALSE' to quiet this message.
```

```
inmates_by_education
```

```
## # A tibble: 102 x 3
##   year population_by_education_level number_of_population
##   <dbl> <chr>                <dbl>
```

##	1	2006 No Education	5
##	2	2006 Primary	146
##	3	2006 Secondary	236
##	4	2006 Pre University	7
##	5	2006 Vocational	29
##	6	2006 Tertiary & Above	9
##	7	2007 No Education	10
##	8	2007 Primary	232
##	9	2007 Secondary	353
##	10	2007 Pre University	8
##	# i	92 more rows	