

CL_Maternal Mortality_04

Group K

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#Loading Libraries

Display Dataset content

```
## # A tibble: 3 x 29
##   ISO3   DataId Indicator Value Precision DHS_CountryCode CountryName SurveyYear
##   <chr> <chr>   <chr>      <chr> <chr>      <chr>          <chr>      <chr>
## 1 #coun~ #meta~ #indicat~ #ind~ #indicat~ <NA>          #country+n~ #date+year
## 2 ZAF    91409 Female d~ 5.5    1        ZA            South Afri~ 1998
## 3 ZAF    91377 Number o~ 19     0        ZA            South Afri~ 1998
## # i 21 more variables: SurveyId <chr>, IndicatorId <chr>, IndicatorOrder <dbl>,
## #   IndicatorType <chr>, CharacteristicId <dbl>, CharacteristicOrder <dbl>,
## #   CharacteristicCategory <chr>, CharacteristicLabel <chr>,
## #   ByVariableId <chr>, ByVariableLabel <chr>, IsTotal <dbl>,
## #   IsPreferred <dbl>, SDRID <chr>, RegionId <lgl>, SurveyYearLabel <dbl>,
## #   SurveyType <chr>, DenominatorWeighted <dbl>, DenominatorUnweighted <dbl>,
## #   CILOW <dbl>, CIHIGH <dbl>, LevelRank <lgl>
```

Remove the first row(meta data)

Convert Data Types

```
mam_df <- mam_df %>%
  mutate(
    Value = as.numeric(Value),
    Precision = as.numeric(Precision),
    SurveyYear = as.integer(SurveyYear),
    IndicatorOrder = as.integer(IndicatorOrder),
    CharacteristicId = as.integer(CharacteristicId),
    CharacteristicOrder = as.integer(CharacteristicOrder),
    IsTotal = as.logical(as.integer(IsTotal)),
    IsPreferred = as.logical(as.integer(IsPreferred)),
    SurveyYearLabel = as.integer(SurveyYearLabel),
    DenominatorWeighted = as.numeric(DenominatorWeighted),
    DenominatorUnweighted = as.numeric(DenominatorUnweighted),
  )
```

Summary table: column name, number of unique values, sample of unique values

```
## # A tibble: 29 x 3
##   column      n_unique sample_values
##   <chr>      <int> <chr>
## 1 ISO3        1 ZAF
## 2 DataId      21 91409, 91377, 768646
## 3 Indicator   11 Female deaths that are pregnancy-related, Number of~
## 4 Value       21 5.5, 19, 122701
## 5 Precision   4 1, 0, 2
## 6 DHS_CountryCode 1 ZA
## 7 CountryName  1 South Africa
## 8 SurveyYear   2 1998, 2016
## 9 SurveyId     2 ZA1998DHS, ZA2016DHS
## 10 IndicatorId 11 MM_MMRT_W_FDP, MM_MMRT_W_PDT, MM_MMRT_W_EXP
## # i 19 more rows
```

#Drop the countries only one unique value: reason, there is no useful information - country is also always za



