

# Panjiva analysis

## Countries, Ports & HS Codes

### YEAR: 2016

Numbers of interest:

Get unique numbers of ports and goods shipped for Brazil, China, Chile, Peru and USA.

### 26.01 Iron ores and concentrates, including roasted iron pyrites.

2601.11 – Non-agglomerated 2601.12 – Agglomerated 2601.20 – Roasted iron pyrites

```
filename <- "26.01_2016.xlsx"
details_Port_Lad(filename)
```

```
## [1] "Number of unique ports lading in Brazil: 9"
## [1] "Number of unique ports lading in China: 0"
## [1] "Number of unique ports lading in Chile: 4"
## [1] "Number of unique ports lading in Peru: 0"
## [1] "Number of unique ports lading in United States: 6"
## [1] "Percentage of NA for ports lading in Brazil: 0%"
## [1] "Percentage of NA for ports lading in China: 100%"
## [1] "Percentage of NA for ports lading in Chile: 0%"
## [1] "Percentage of NA for ports lading in Peru: 100%"
## [1] "Percentage of NA for ports lading in United States: 0%"
## [1] "Percentage on all shipments for Brazil: 84.82%"
## [1] "Percentage on all shipments for China: 1.13%"
## [1] "Percentage on all shipments for Chile: 3.12%"
## [1] "Percentage on all shipments for Peru: 10.42%"
## [1] "Percentage on all shipments for United States: 0.51%"
```

```
details_Port_Unlad(filename)
```

```
## [1] "Number of unique ports unlading in Brazil: 125"
## [1] "Number of unique ports unlading in China: 0"
## [1] "Number of unique ports unlading in Chile: 4"
## [1] "Number of unique ports unlading in Peru: 17"
## [1] "Number of unique ports unlading in United States: 12"
## [1] "Percentage of NA for ports unlading in Brazil: 0.19%"
## [1] "Percentage of NA for ports unlading in China: 100%"
## [1] "Percentage of NA for ports unlading in Chile: 97.41%"
## [1] "Percentage of NA for ports unlading in Peru: 48.2%"
## [1] "Percentage of NA for ports unlading in United States: 0%"
```

```
details_HS_whole(filename)
```

```
## [1] "number of unique HS codes: 19"  
## [1] "thereof more than one HS code: 8"  
## [1] "Percentage on all shipments of HS code2601.00: 20.63%"  
## [1] "Percentage on all shipments of HS code2601.10: 0.46%"  
## [1] "Percentage on all shipments of HS code2601.11: 59.47%"  
## [1] "Percentage on all shipments of HS code2601.12: 19.1%"  
## [1] "Percentage on all shipments of HS code2601.20: 0.35%"
```

```
# un_HS grepl('es', 'test', fixed = TRUE) v <-  
# as.numeric(lapply(products,function(x){sum(grepl(x,data$HS.Code, fixed =  
# TRUE))})) sum(v)==nrow(data) sum(v) nrow(data) p1 <-  
# grepl(products[1],data$HS.Code, fixed = TRUE) p2 <-  
# grepl(products[2],data$HS.Code, fixed = TRUE) p3 <-  
# grepl(products[3],data$HS.Code, fixed = TRUE) p4 <-  
# grepl(products[4],data$HS.Code, fixed = TRUE) ind <- (p1==p2) & (p2==p3) &  
# (p3==p4) data$HS.Code[ind]
```