DATA 607 Tidyverse assignment

RJM

28/06/2020

```
library(tidyverse)
## -- Attaching packages -----
## v ggplot2 3.2.1
                   v purrr
                              0.3.2
## v tibble 2.1.3 v dplyr
                              0.8.3
## v tidyr 1.0.0 v stringr 1.4.0
          1.3.1
## v readr
                   v forcats 0.4.0
## -- Conflicts -----
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()
                   masks stats::lag()
library(dplyr)
library(tidyr)
library(stringr)
```

Data preparation

```
ebola_df <- read.csv("https://github.com/rjmirza/Data-607/raw/master/Ebola_data.csv")
summary(ebola_df)</pre>
```

```
##
                      Country
                                       Date
## Liberia
                        :365 2016-03-23: 12
## Guinea
                         :259 2015-07-03: 11
## Sierra Leone
                         :259
                               2015-07-06: 11
                         :255 2015-07-07: 11
## Nigeria
## Senegal
                         :254 2015-07-08: 11
## United States of America:245
                                2015-07-09: 11
## (Other)
                         :848
                                (Other)
                                         :2418
## Cumulative.no..of.confirmed..probable.and.suspected.cases
## Min. : 0
## 1st Qu.:
## Median:
## Mean : 2554
## 3rd Qu.: 3657
## Max. :14122
```

```
## NA's :8
## Cumulative.no..of.confirmed..probable.and.suspected.deaths
## Min. : 0
## 1st Qu.: 0
## Median : 6
## Mean :1028
## 3rd Qu.:2386
## Max. :4806
##
```

head(ebola_df)

```
##
          Country
                         Date
## 1
           Guinea 2014-08-29
## 2
          Nigeria 2014-08-29
## 3 Sierra Leone 2014-08-29
          Liberia 2014-08-29
## 5 Sierra Leone 2014-09-05
          Nigeria 2014-09-05
    Cumulative.no..of.confirmed..probable.and.suspected.cases
## 1
## 2
                                                              19
## 3
                                                            1026
## 4
                                                            1378
## 5
                                                            1261
## 6
                                                              22
##
     Cumulative.no..of.confirmed..probable.and.suspected.deaths
## 1
## 2
                                                                7
## 3
                                                              422
## 4
                                                              694
## 5
                                                              491
## 6
                                                                8
```

Totals cases for each country

```
total_cases <- ebola_df %>% select(Country:Cumulative.no..of.confirmed..probable.and.suspected.cases)
head(total_cases, 100)
```

```
##
                         Country
                                       Date
## 1
                         Guinea 2014-08-29
## 2
                         Nigeria 2014-08-29
## 3
                   Sierra Leone 2014-08-29
## 4
                        Liberia 2014-08-29
## 5
                   Sierra Leone 2014-09-05
## 6
                         Nigeria 2014-09-05
## 7
                        Liberia 2014-09-05
## 8
                         Guinea 2014-09-05
## 9
                         Senegal 2014-09-05
## 10
                         Senegal 2014-09-08
```

```
## 11
                          Guinea 2014-09-08
## 12
                   Sierra Leone 2014-09-08
## 13
                         Liberia 2014-09-08
## 14
                         Nigeria 2014-09-08
## 15
                          Guinea 2014-09-12
## 16
                   Sierra Leone 2014-09-12
## 17
                         Nigeria 2014-09-12
## 18
                         Liberia 2014-09-12
## 19
                         Senegal 2014-09-12
## 20
                         Senegal 2014-09-16
## 21
                   Sierra Leone 2014-09-16
## 22
                          Guinea 2014-09-16
## 23
                         Nigeria 2014-09-16
## 24
                         Liberia 2014-09-16
## 25
                         Nigeria 2014-09-18
## 26
                          Guinea 2014-09-18
## 27
                   Sierra Leone 2014-09-18
## 28
                         Liberia 2014-09-18
## 29
                         Senegal 2014-09-18
## 30
                         Nigeria 2014-09-22
                   Sierra Leone 2014-09-22
## 31
## 32
                         Liberia 2014-09-22
## 33
                         Senegal 2014-09-22
## 34
                          Guinea 2014-09-22
                         Liberia 2014-09-24
## 35
## 36
                          Guinea 2014-09-24
## 37
                         Nigeria 2014-09-24
## 38
                         Senegal 2014-09-24
                   Sierra Leone 2014-09-24
## 39
## 40
                    Sierra Leone 2014-09-26
## 41
                         Liberia 2014-09-26
## 42
                         Senegal 2014-09-26
## 43
                          Guinea 2014-09-26
## 44
                         Nigeria 2014-09-26
## 45
                          Guinea 2014-10-01
## 46
                         Senegal 2014-10-01
## 47
                         Nigeria 2014-10-01
## 48
                   Sierra Leone 2014-10-01
## 49
                         Liberia 2014-10-01
## 50
       United States of America 2014-10-03
## 51
                         Nigeria 2014-10-03
## 52
                          Guinea 2014-10-03
## 53
                         Liberia 2014-10-03
## 54
                    Sierra Leone 2014-10-03
## 55
                         Senegal 2014-10-03
## 56
                         Nigeria 2014-10-08
## 57
       United States of America 2014-10-08
## 58
                         Senegal 2014-10-08
## 59
                          Guinea 2014-10-08
## 60
                    Sierra Leone 2014-10-08
## 61
                         Liberia 2014-10-08
## 62
       United States of America 2014-10-10
## 63
                         Senegal 2014-10-10
## 64
                         Liberia 2014-10-10
```

```
## 65
                         Nigeria 2014-10-10
## 66
                           Spain 2014-10-10
                          Guinea 2014-10-10
## 67
                    Sierra Leone 2014-10-10
## 68
## 69
       United States of America 2014-10-15
## 70
                         Senegal 2014-10-15
## 71
                         Nigeria 2014-10-15
## 72
                         Liberia 2014-10-15
## 73
                           Spain 2014-10-15
## 74
                          Guinea 2014-10-15
                    Sierra Leone 2014-10-15
## 75
## 76
                          Guinea 2014-10-17
## 77
                         Nigeria 2014-10-17
## 78
                           Spain 2014-10-17
## 79
                         Senegal 2014-10-17
## 80
       United States of America 2014-10-17
## 81
                         Liberia 2014-10-17
## 82
                    Sierra Leone 2014-10-17
## 83
                         Nigeria 2014-10-22
## 84
                           Spain 2014-10-22
       United States of America 2014-10-22
## 85
## 86
                    Sierra Leone 2014-10-22
## 87
                         Senegal 2014-10-22
## 88
                         Liberia 2014-10-22
## 89
                          Guinea 2014-10-22
## 90
                            Mali 2014-10-25
## 91
       United States of America 2014-10-25
## 92
                    Sierra Leone 2014-10-25
## 93
                           Spain 2014-10-25
## 94
                         Senegal 2014-10-25
## 95
                         Nigeria 2014-10-25
## 96
                          Guinea 2014-10-25
## 97
                         Liberia 2014-10-25
## 98
                         Liberia 2014-10-29
## 99
                            Mali 2014-10-29
## 100
                         Nigeria 2014-10-29
##
       Cumulative.no..of.confirmed..probable.and.suspected.cases
## 1
                                                                648
## 2
                                                                 19
## 3
                                                               1026
## 4
                                                               1378
## 5
                                                               1261
## 6
                                                                 22
## 7
                                                               1871
## 8
                                                                812
## 9
                                                                  1
## 10
                                                                  3
## 11
                                                                862
## 12
                                                               1361
## 13
                                                               2046
## 14
                                                                 21
## 15
                                                                861
## 16
                                                               1424
## 17
                                                                 21
```

##		2081
##		3
##	20	1
##	21	1620
##	22	936
##	23	21
##	24	2407
##	25	21
##		942
##		1673
##		2710
##		1
##		20
##		1813
##		3022
##		1
##		1008
##		3280
##		1022
##		20
##		1
##		1940
##		2021
##		3458
##		1
##		1074
##		20
##		1157
##		1
##		20
##		2304
##		3696
##		1
##		20
##		1199
##		3834
##		2437
##		1
##		20
##		1
##		1
##		1298
##		2789
##		3924
##		1
##		1
##		4076
##		20
##		1
##		1350
##		2950
##		2
##		1
##	71	20

```
## 76
                                                               1519
## 77
                                                                 20
## 78
                                                                  1
## 79
                                                                  1
## 80
                                                                  3
## 81
                                                               4262
## 82
                                                               3410
                                                                 20
## 83
## 84
                                                                  1
## 85
                                                                  3
## 86
                                                               3706
## 87
                                                                  1
## 88
                                                               4665
                                                               1540
## 89
## 90
                                                                  1
## 91
                                                                  4
## 92
                                                               3896
## 93
                                                                  1
## 94
                                                                  1
## 95
                                                                 20
## 96
                                                               1553
## 97
                                                               4665
## 98
                                                               6535
## 99
                                                                  1
                                                                 20
## 100
cases_by_country <- total_cases %>% group_by("Country" = Country) %>% summarise("Total cases" = sum(Cum
head(cases_by_country)
## # A tibble: 6 x 3
```

4249

1472

3252

1

Totals deaths for each country

72

73

74

75

##

<fct>

1 Guinea

3 Liberia

5 Nigeria

6 Senegal

2 Italy

4 Mali

```
total_deaths <- ebola_df %>% select(Country, Date, Cumulative.no..of.confirmed..probable.and.suspected.
total_deaths
```

Country Date

Country `Total cases` `Average cases`

<dbl>

854118

2459122

141

NA

5105

258

<dbl>

3298

NA

20

1

1 6737

```
## 1
                           Guinea 2014-08-29
## 2
                          Nigeria 2014-08-29
## 3
                     Sierra Leone 2014-08-29
## 4
                          Liberia 2014-08-29
## 5
                     Sierra Leone 2014-09-05
## 6
                          Nigeria 2014-09-05
## 7
                          Liberia 2014-09-05
## 8
                           Guinea 2014-09-05
## 9
                          Senegal 2014-09-05
## 10
                          Senegal 2014-09-08
## 11
                           Guinea 2014-09-08
## 12
                     Sierra Leone 2014-09-08
## 13
                          Liberia 2014-09-08
## 14
                          Nigeria 2014-09-08
## 15
                           Guinea 2014-09-12
## 16
                     Sierra Leone 2014-09-12
## 17
                          Nigeria 2014-09-12
## 18
                          Liberia 2014-09-12
## 19
                          Senegal 2014-09-12
## 20
                          Senegal 2014-09-16
## 21
                     Sierra Leone 2014-09-16
## 22
                           Guinea 2014-09-16
## 23
                          Nigeria 2014-09-16
## 24
                          Liberia 2014-09-16
## 25
                          Nigeria 2014-09-18
## 26
                           Guinea 2014-09-18
## 27
                     Sierra Leone 2014-09-18
## 28
                          Liberia 2014-09-18
## 29
                          Senegal 2014-09-18
## 30
                          Nigeria 2014-09-22
## 31
                     Sierra Leone 2014-09-22
## 32
                          Liberia 2014-09-22
## 33
                          Senegal 2014-09-22
## 34
                           Guinea 2014-09-22
## 35
                          Liberia 2014-09-24
## 36
                           Guinea 2014-09-24
## 37
                          Nigeria 2014-09-24
## 38
                          Senegal 2014-09-24
## 39
                     Sierra Leone 2014-09-24
## 40
                     Sierra Leone 2014-09-26
## 41
                          Liberia 2014-09-26
## 42
                          Senegal 2014-09-26
## 43
                           Guinea 2014-09-26
## 44
                          Nigeria 2014-09-26
## 45
                           Guinea 2014-10-01
## 46
                          Senegal 2014-10-01
## 47
                          Nigeria 2014-10-01
## 48
                     Sierra Leone 2014-10-01
## 49
                          Liberia 2014-10-01
## 50
        United States of America 2014-10-03
## 51
                          Nigeria 2014-10-03
## 52
                           Guinea 2014-10-03
## 53
                          Liberia 2014-10-03
## 54
                     Sierra Leone 2014-10-03
```

```
## 55
                          Senegal 2014-10-03
## 56
                          Nigeria 2014-10-08
        United States of America 2014-10-08
## 57
## 58
                          Senegal 2014-10-08
## 59
                           Guinea 2014-10-08
## 60
                     Sierra Leone 2014-10-08
## 61
                          Liberia 2014-10-08
## 62
        United States of America 2014-10-10
## 63
                          Senegal 2014-10-10
## 64
                          Liberia 2014-10-10
## 65
                          Nigeria 2014-10-10
## 66
                            Spain 2014-10-10
##
  67
                           Guinea 2014-10-10
## 68
                     Sierra Leone 2014-10-10
## 69
        United States of America 2014-10-15
## 70
                          Senegal 2014-10-15
## 71
                          Nigeria 2014-10-15
## 72
                          Liberia 2014-10-15
## 73
                            Spain 2014-10-15
## 74
                           Guinea 2014-10-15
## 75
                     Sierra Leone 2014-10-15
## 76
                           Guinea 2014-10-17
## 77
                          Nigeria 2014-10-17
## 78
                            Spain 2014-10-17
## 79
                          Senegal 2014-10-17
## 80
        United States of America 2014-10-17
## 81
                          Liberia 2014-10-17
## 82
                     Sierra Leone 2014-10-17
## 83
                          Nigeria 2014-10-22
## 84
                            Spain 2014-10-22
## 85
        United States of America 2014-10-22
##
   86
                     Sierra Leone 2014-10-22
## 87
                          Senegal 2014-10-22
## 88
                          Liberia 2014-10-22
## 89
                           Guinea 2014-10-22
## 90
                             Mali 2014-10-25
## 91
        United States of America 2014-10-25
## 92
                     Sierra Leone 2014-10-25
                            Spain 2014-10-25
## 93
## 94
                          Senegal 2014-10-25
## 95
                          Nigeria 2014-10-25
## 96
                           Guinea 2014-10-25
## 97
                          Liberia 2014-10-25
## 98
                          Liberia 2014-10-29
## 99
                             Mali 2014-10-29
## 100
                          Nigeria 2014-10-29
## 101
                          Senegal 2014-10-29
## 102
                            Spain 2014-10-29
## 103
                           Guinea 2014-10-29
## 104
        United States of America 2014-10-29
## 105
                     Sierra Leone 2014-10-29
## 106
                           Guinea 2014-10-31
## 107
                          Nigeria 2014-10-31
## 108
                            Spain 2014-10-31
```

```
United States of America 2014-10-31
                          Senegal 2014-10-31
## 110
## 111
                             Mali 2014-10-31
## 112
                          Liberia 2014-10-31
## 113
                    Sierra Leone 2014-10-31
## 114
                            Spain 2014-11-05
## 115
        United States of America 2014-11-05
## 116
                           Guinea 2014-11-05
## 117
                          Liberia 2014-11-05
## 118
                             Mali 2014-11-05
## 119
                          Nigeria 2014-11-05
## 120
                          Senegal 2014-11-05
## 121
                    Sierra Leone 2014-11-05
## 122
                          Nigeria 2014-11-07
## 123
                           Guinea 2014-11-07
## 124
        United States of America 2014-11-07
## 125
                          Senegal 2014-11-07
## 126
                          Liberia 2014-11-07
## 127
                            Spain 2014-11-07
                             Mali 2014-11-07
## 128
## 129
                    Sierra Leone 2014-11-07
## 130
                            Spain 2014-11-12
## 131
        United States of America 2014-11-12
## 132
                             Mali 2014-11-12
## 133
                          Nigeria 2014-11-12
## 134
                           Guinea 2014-11-12
## 135
                    Sierra Leone 2014-11-12
                          Liberia 2014-11-12
## 136
## 137
                          Senegal 2014-11-12
## 138
                          Senegal 2014-11-14
## 139
                           Guinea 2014-11-14
## 140
                            Spain 2014-11-14
## 141
                          Nigeria 2014-11-14
                             Mali 2014-11-14
## 142
## 143
        United States of America 2014-11-14
## 144
                          Liberia 2014-11-14
## 145
                    Sierra Leone 2014-11-14
## 146
                          Liberia 2014-11-19
## 147
                            Spain 2014-11-19
## 148
                    Sierra Leone 2014-11-19
## 149
                          Senegal 2014-11-19
## 150
                          Nigeria 2014-11-19
## 151
                             Mali 2014-11-19
## 152
        United States of America 2014-11-19
## 153
                           Guinea 2014-11-19
## 154
                            Spain 2014-11-21
## 155
                          Liberia 2014-11-21
## 156
                          Nigeria 2014-11-21
        United States of America 2014-11-21
## 157
## 158
                    Sierra Leone 2014-11-21
## 159
                             Mali 2014-11-21
## 160
                          Senegal 2014-11-21
## 161
                           Guinea 2014-11-21
## 162
                    Sierra Leone 2014-11-26
```

```
## 163
                          Liberia 2014-11-26
## 164
                             Mali 2014-11-26
## 165
        United States of America 2014-11-26
## 166
                            Spain 2014-11-26
## 167
                          Nigeria 2014-11-26
## 168
                          Guinea 2014-11-26
## 169
                          Senegal 2014-11-26
## 170
                          Senegal 2014-12-01
## 171
                             Mali 2014-12-01
## 172
                            Spain 2014-12-01
## 173
                    Sierra Leone 2014-12-01
## 174
                          Liberia 2014-12-01
## 175
                          Nigeria 2014-12-01
                           Guinea 2014-12-01
## 176
## 177
        United States of America 2014-12-01
## 178
                             Mali 2014-12-03
## 179
                            Spain 2014-12-03
## 180
                           Guinea 2014-12-03
## 181
                          Senegal 2014-12-03
## 182
                    Sierra Leone 2014-12-03
## 183
                          Liberia 2014-12-03
## 184
        United States of America 2014-12-03
## 185
                          Nigeria 2014-12-03
## 186
                            Spain 2014-12-10
## 187
                           Guinea 2014-12-10
## 188
                          Senegal 2014-12-10
## 189
                             Mali 2014-12-10
                          Liberia 2014-12-10
## 190
## 191
                    Sierra Leone 2014-12-10
## 192
                          Nigeria 2014-12-10
## 193
        United States of America 2014-12-10
## 194
                            Spain 2014-12-15
## 195
                          Nigeria 2014-12-15
## 196
                           Guinea 2014-12-15
## 197
        United States of America 2014-12-15
## 198
                             Mali 2014-12-15
## 199
                          Liberia 2014-12-15
## 200
                          Senegal 2014-12-15
## 201
                    Sierra Leone 2014-12-15
## 202
                          Nigeria 2014-12-17
## 203
                          Senegal 2014-12-17
## 204
                            Spain 2014-12-17
                          Liberia 2014-12-17
## 205
## 206
                             Mali 2014-12-17
## 207
        United States of America 2014-12-17
## 208
                           Guinea 2014-12-17
## 209
                    Sierra Leone 2014-12-17
## 210
                            Spain 2014-12-22
## 211
        United States of America 2014-12-22
## 212
                          Nigeria 2014-12-22
## 213
                          Senegal 2014-12-22
## 214
                          Guinea 2014-12-22
## 215
                         Liberia 2014-12-22
## 216
                             Mali 2014-12-22
```

```
## 217
                    Sierra Leone 2014-12-22
## 218
                    Sierra Leone 2014-12-23
## 219
                             Mali 2014-12-23
## 220
                            Spain 2014-12-23
## 221
                          Liberia 2014-12-23
## 222
                          Senegal 2014-12-23
## 223
                           Guinea 2014-12-23
## 224
                          Nigeria 2014-12-23
## 225
        United States of America 2014-12-23
## 226
                          Nigeria 2014-12-24
## 227
                          Senegal 2014-12-24
## 228
                           Guinea 2014-12-24
## 229
                    Sierra Leone 2014-12-24
## 230
                            Spain 2014-12-24
## 231
                             Mali 2014-12-24
## 232
                          Liberia 2014-12-24
## 233
        United States of America 2014-12-24
## 234
                          Senegal 2014-12-26
## 235
                             Mali 2014-12-26
## 236
                    Sierra Leone 2014-12-26
## 237
        United States of America 2014-12-26
## 238
                          Nigeria 2014-12-26
## 239
                           Guinea 2014-12-26
## 240
                          Liberia 2014-12-26
## 241
                            Spain 2014-12-26
## 242
        United States of America 2014-12-29
## 243
                    Sierra Leone 2014-12-29
## 244
                          Nigeria 2014-12-29
## 245
                             Mali 2014-12-29
## 246
                          Liberia 2014-12-29
## 247
                           Guinea 2014-12-29
## 248
                          Senegal 2014-12-29
## 249
                            Spain 2014-12-29
        United States of America 2014-12-30
## 250
                    Sierra Leone 2014-12-30
## 251
## 252
                             Mali 2014-12-30
## 253
                          Liberia 2014-12-30
## 254
                          Guinea 2014-12-30
## 255
                            Spain 2014-12-30
## 256
                          Senegal 2014-12-30
                          Nigeria 2014-12-30
## 257
## 258
                            Spain 2014-12-31
## 259
                          Senegal 2014-12-31
## 260
                          Liberia 2014-12-31
## 261
                    Sierra Leone 2014-12-31
                             Mali 2014-12-31
## 262
## 263
                          Nigeria 2014-12-31
## 264
        United States of America 2014-12-31
## 265
                           Guinea 2014-12-31
## 266
                          Nigeria 2015-01-02
## 267
                            Spain 2015-01-02
## 268
        United States of America 2015-01-02
## 269
                          Senegal 2015-01-02
## 270
                  United Kingdom 2015-01-02
```

```
## 271
                          Liberia 2015-01-02
## 272
                    Sierra Leone 2015-01-02
## 273
                             Mali 2015-01-02
## 274
                           Guinea 2015-01-02
## 275
                    Sierra Leone 2015-01-05
## 276
                          Liberia 2015-01-05
## 277
                            Spain 2015-01-05
## 278
                          Nigeria 2015-01-05
## 279
                  United Kingdom 2015-01-05
## 280
                           Guinea 2015-01-05
## 281
        United States of America 2015-01-05
## 282
                             Mali 2015-01-05
## 283
                          Senegal 2015-01-05
## 284
                  United Kingdom 2015-01-06
## 285
                           Guinea 2015-01-06
## 286
                    Sierra Leone 2015-01-06
## 287
                          Liberia 2015-01-06
## 288
                            Spain 2015-01-06
## 289
        United States of America 2015-01-06
## 290
                          Senegal 2015-01-06
## 291
                          Nigeria 2015-01-06
## 292
                             Mali 2015-01-06
## 293
                            Spain 2015-01-07
## 294
                           Guinea 2015-01-07
## 295
                          Senegal 2015-01-07
## 296
                          Nigeria 2015-01-07
## 297
                  United Kingdom 2015-01-07
## 298
                             Mali 2015-01-07
## 299
        United States of America 2015-01-07
## 300
                    Sierra Leone 2015-01-07
## 301
                          Liberia 2015-01-07
## 302
                  United Kingdom 2015-01-08
## 303
                             Mali 2015-01-08
                           Guinea 2015-01-08
## 304
## 305
                    Sierra Leone 2015-01-08
## 306
                          Liberia 2015-01-08
## 307
                             Mali 2015-01-09
## 308
                           Guinea 2015-01-09
## 309
                  United Kingdom 2015-01-09
## 310
                    Sierra Leone 2015-01-09
## 311
                          Liberia 2015-01-09
## 312
                          Liberia 2015-01-12
## 313
                  United Kingdom 2015-01-12
                    Sierra Leone 2015-01-12
## 314
## 315
                             Mali 2015-01-12
## 316
                           Guinea 2015-01-12
## 317
                  United Kingdom 2015-01-13
## 318
                             Mali 2015-01-13
## 319
                           Guinea 2015-01-13
## 320
                          Liberia 2015-01-13
## 321
                    Sierra Leone 2015-01-13
## 322
                          Liberia 2015-01-14
## 323
        United States of America 2015-01-14
## 324
                          Senegal 2015-01-14
```

```
## 325
                           Guinea 2015-01-14
## 326
                            Spain 2015-01-14
## 327
                          Nigeria 2015-01-14
## 328
                     Sierra Leone 2015-01-14
## 329
                             Mali 2015-01-14
## 330
                  United Kingdom 2015-01-14
## 331
                     Sierra Leone 2015-01-15
## 332
                          Liberia 2015-01-15
## 333
        United States of America 2015-01-15
## 334
                             Mali 2015-01-15
## 335
                            Spain 2015-01-15
## 336
                           Guinea 2015-01-15
## 337
                  United Kingdom 2015-01-15
## 338
                          Nigeria 2015-01-15
## 339
                          Senegal 2015-01-15
## 340
                            Spain 2015-01-16
## 341
                          Nigeria 2015-01-16
## 342
                           Guinea 2015-01-16
                             Mali 2015-01-16
## 343
## 344
                          Senegal 2015-01-16
## 345
                          Liberia 2015-01-16
## 346
        United States of America 2015-01-16
## 347
                     Sierra Leone 2015-01-16
## 348
                  United Kingdom 2015-01-16
## 349
                          Nigeria 2015-01-19
## 350
                          Liberia 2015-01-19
## 351
                  United Kingdom 2015-01-19
  352
                            Spain 2015-01-19
## 353
                           Guinea 2015-01-19
## 354
                     Sierra Leone 2015-01-19
## 355
                          Senegal 2015-01-19
## 356
        United States of America 2015-01-19
## 357
                             Mali 2015-01-19
## 358
                            Spain 2015-01-20
## 359
                  United Kingdom 2015-01-20
## 360
                          Senegal 2015-01-20
## 361
                          Nigeria 2015-01-20
## 362
                          Liberia 2015-01-20
## 363
                           Guinea 2015-01-20
## 364
                             Mali 2015-01-20
## 365
        United States of America 2015-01-20
                     Sierra Leone 2015-01-20
## 366
## 367
                     Sierra Leone 2015-01-21
## 368
                          Nigeria 2015-01-21
## 369
                          Liberia 2015-01-21
## 370
                            Spain 2015-01-21
## 371
                             Mali 2015-01-21
## 372
                          Senegal 2015-01-21
        United States of America 2015-01-21
## 373
## 374
                           Guinea 2015-01-21
## 375
                  United Kingdom 2015-01-21
## 376
                          Liberia 2015-01-22
                          Senegal 2015-01-22
## 377
## 378
       United States of America 2015-01-22
```

```
## 379
                          Nigeria 2015-01-22
## 380
                    Sierra Leone 2015-01-22
                             Mali 2015-01-22
## 381
## 382
                           Guinea 2015-01-22
## 383
                            Spain 2015-01-22
## 384
                  United Kingdom 2015-01-22
## 385
                     Sierra Leone 2015-01-23
                             Mali 2015-01-23
## 386
## 387
                          Liberia 2015-01-23
## 388
                            Spain 2015-01-23
## 389
                           Guinea 2015-01-23
## 390
                          Senegal 2015-01-23
## 391
                          Nigeria 2015-01-23
## 392
        United States of America 2015-01-23
## 393
                  United Kingdom 2015-01-23
## 394
                          Senegal 2015-01-26
## 395
                     Sierra Leone 2015-01-26
## 396
                          Nigeria 2015-01-26
## 397
        United States of America 2015-01-26
## 398
                           Guinea 2015-01-26
## 399
                  United Kingdom 2015-01-26
## 400
                             Mali 2015-01-26
## 401
                          Liberia 2015-01-26
                            Spain 2015-01-26
## 402
## 403
                             Mali 2015-01-27
## 404
                          Liberia 2015-01-27
## 405
        United States of America 2015-01-27
## 406
                            Spain 2015-01-27
## 407
                          Nigeria 2015-01-27
## 408
                          Senegal 2015-01-27
## 409
                     Sierra Leone 2015-01-27
## 410
                  United Kingdom 2015-01-27
## 411
                           Guinea 2015-01-27
## 412
                          Senegal 2015-01-28
## 413
                          Liberia 2015-01-28
## 414
        United States of America 2015-01-28
## 415
                    Sierra Leone 2015-01-28
## 416
                            Spain 2015-01-28
## 417
                  United Kingdom 2015-01-28
## 418
                             Mali 2015-01-28
## 419
                          Nigeria 2015-01-28
## 420
                           Guinea 2015-01-28
## 421
                             Mali 2015-01-29
## 422
                          Nigeria 2015-01-29
## 423
                            Spain 2015-01-29
## 424
                          Liberia 2015-01-29
## 425
        United States of America 2015-01-29
## 426
                          Senegal 2015-01-29
                     Sierra Leone 2015-01-29
## 427
## 428
                           Guinea 2015-01-29
## 429
                  United Kingdom 2015-01-29
## 430
                            Spain 2015-01-30
## 431
                          Liberia 2015-01-30
## 432
                    Sierra Leone 2015-01-30
```

```
## 433
                  United Kingdom 2015-01-30
## 434
                          Senegal 2015-01-30
## 435
        United States of America 2015-01-30
## 436
                           Guinea 2015-01-30
## 437
                          Nigeria 2015-01-30
## 438
                             Mali 2015-01-30
## 439
                          Liberia 2015-02-02
## 440
                     Sierra Leone 2015-02-02
## 441
        United States of America 2015-02-02
## 442
                          Nigeria 2015-02-02
## 443
                          Senegal 2015-02-02
## 444
                           Guinea 2015-02-02
## 445
                             Mali 2015-02-02
## 446
                            Spain 2015-02-02
## 447
                  United Kingdom 2015-02-02
## 448
                           Guinea 2015-02-03
## 449
                             Mali 2015-02-03
## 450
                          Senegal 2015-02-03
## 451
                          Liberia 2015-02-03
## 452
                          Nigeria 2015-02-03
## 453
                  United Kingdom 2015-02-03
## 454
                            Spain 2015-02-03
## 455
                     Sierra Leone 2015-02-03
## 456
        United States of America 2015-02-03
## 457
                     Sierra Leone 2015-02-04
## 458
                             Mali 2015-02-04
## 459
                          Liberia 2015-02-04
## 460
                           Guinea 2015-02-04
## 461
                            Spain 2015-02-04
                  United Kingdom 2015-02-04
## 462
## 463
                          Senegal 2015-02-04
## 464
                          Nigeria 2015-02-04
## 465
        United States of America 2015-02-04
## 466
                  United Kingdom 2015-02-05
## 467
        United States of America 2015-02-05
## 468
                             Mali 2015-02-05
## 469
                           Guinea 2015-02-05
## 470
                     Sierra Leone 2015-02-05
## 471
                          Nigeria 2015-02-05
## 472
                          Liberia 2015-02-05
## 473
                          Senegal 2015-02-05
## 474
                            Spain 2015-02-05
## 475
                          Nigeria 2015-02-06
## 476
                             Mali 2015-02-06
## 477
                            Spain 2015-02-06
## 478
                          Senegal 2015-02-06
## 479
                     Sierra Leone 2015-02-06
## 480
                          Liberia 2015-02-06
## 481
        United States of America 2015-02-06
## 482
                  United Kingdom 2015-02-06
## 483
                           Guinea 2015-02-06
## 484
                           Guinea 2015-02-10
## 485
                            Spain 2015-02-10
## 486
                             Mali 2015-02-10
```

```
United States of America 2015-02-10
## 488
                          Liberia 2015-02-10
## 489
                          Senegal 2015-02-10
## 490
                     Sierra Leone 2015-02-10
## 491
                  United Kingdom 2015-02-10
## 492
                          Nigeria 2015-02-10
## 493
        United States of America 2015-02-11
## 494
                          Nigeria 2015-02-11
## 495
                     Sierra Leone 2015-02-11
## 496
                           Guinea 2015-02-11
## 497
                          Senegal 2015-02-11
## 498
                          Liberia 2015-02-11
## 499
                             Mali 2015-02-11
## 500
                            Spain 2015-02-11
## 501
                  United Kingdom 2015-02-11
## 502
                           Guinea 2015-02-12
## 503
                     Sierra Leone 2015-02-12
## 504
                          Liberia 2015-02-12
## 505
                          Nigeria 2015-02-12
## 506
                  United Kingdom 2015-02-12
## 507
                             Mali 2015-02-12
## 508
                          Senegal 2015-02-12
## 509
                            Spain 2015-02-12
## 510
        United States of America 2015-02-12
## 511
                     Sierra Leone 2015-02-13
## 512
                          Senegal 2015-02-13
## 513
                            Spain 2015-02-13
## 514
                             Mali 2015-02-13
## 515
                           Guinea 2015-02-13
## 516
                  United Kingdom 2015-02-13
## 517
        United States of America 2015-02-13
                          Liberia 2015-02-13
## 518
## 519
                          Nigeria 2015-02-13
## 520
                          Liberia 2015-02-16
## 521
        United States of America 2015-02-16
## 522
                             Mali 2015-02-16
## 523
                  United Kingdom 2015-02-16
## 524
                           Guinea 2015-02-16
## 525
                          Senegal 2015-02-16
## 526
                            Spain 2015-02-16
                     Sierra Leone 2015-02-16
## 527
## 528
                          Nigeria 2015-02-16
## 529
                          Nigeria 2015-02-17
## 530
                          Liberia 2015-02-17
## 531
        United States of America 2015-02-17
## 532
                           Guinea 2015-02-17
## 533
                     Sierra Leone 2015-02-17
## 534
                            Spain 2015-02-17
## 535
                             Mali 2015-02-17
## 536
                  United Kingdom 2015-02-17
## 537
                          Senegal 2015-02-17
## 538
                     Sierra Leone 2015-02-18
## 539
                  United Kingdom 2015-02-18
## 540
                          Nigeria 2015-02-18
```

```
## 541
                            Spain 2015-02-18
## 542
                             Mali 2015-02-18
## 543
                          Liberia 2015-02-18
## 544
                          Senegal 2015-02-18
## 545
                           Guinea 2015-02-18
## 546
        United States of America 2015-02-18
## 547
                          Nigeria 2015-02-19
## 548
        United States of America 2015-02-19
## 549
                          Liberia 2015-02-19
## 550
                          Senegal 2015-02-19
## 551
                     Sierra Leone 2015-02-19
## 552
                            Spain 2015-02-19
## 553
                             Mali 2015-02-19
## 554
                           Guinea 2015-02-19
## 555
                  United Kingdom 2015-02-19
## 556
                  United Kingdom 2015-02-20
## 557
                          Liberia 2015-02-20
## 558
                           Guinea 2015-02-20
## 559
        United States of America 2015-02-20
## 560
                          Nigeria 2015-02-20
## 561
                     Sierra Leone 2015-02-20
## 562
                             Mali 2015-02-20
## 563
                            Spain 2015-02-20
## 564
                          Senegal 2015-02-20
## 565
                          Liberia 2015-02-23
## 566
                          Senegal 2015-02-23
## 567
                            Spain 2015-02-23
## 568
                  United Kingdom 2015-02-23
## 569
                             Mali 2015-02-23
## 570
                     Sierra Leone 2015-02-23
## 571
                          Nigeria 2015-02-23
## 572
                           Guinea 2015-02-23
## 573
        United States of America 2015-02-23
## 574
                  United Kingdom 2015-02-25
## 575
                     Sierra Leone 2015-02-25
## 576
                          Liberia 2015-02-25
## 577
                          Nigeria 2015-02-25
## 578
                             Mali 2015-02-25
## 579
        United States of America 2015-02-25
## 580
                           Guinea 2015-02-25
## 581
                          Senegal 2015-02-25
## 582
                            Spain 2015-02-25
## 583
                             Mali 2015-02-26
## 584
                          Senegal 2015-02-26
## 585
                           Guinea 2015-02-26
## 586
                     Sierra Leone 2015-02-26
## 587
                  United Kingdom 2015-02-26
## 588
        United States of America 2015-02-26
## 589
                          Liberia 2015-02-26
## 590
                          Nigeria 2015-02-26
## 591
                            Spain 2015-02-26
## 592
                     Sierra Leone 2015-02-27
## 593
                             Mali 2015-02-27
## 594
                          Nigeria 2015-02-27
```

```
United States of America 2015-02-27
## 596
                           Guinea 2015-02-27
## 597
                  United Kingdom 2015-02-27
## 598
                          Senegal 2015-02-27
## 599
                            Spain 2015-02-27
## 600
                          Liberia 2015-02-27
## 601
                           Guinea 2015-03-02
## 602
                  United Kingdom 2015-03-02
## 603
                     Sierra Leone 2015-03-02
## 604
                            Spain 2015-03-02
## 605
                          Nigeria 2015-03-02
## 606
                             Mali 2015-03-02
## 607
                          Liberia 2015-03-02
## 608
        United States of America 2015-03-02
## 609
                          Senegal 2015-03-02
## 610
                          Liberia 2015-03-04
## 611
                          Nigeria 2015-03-04
## 612
                          Senegal 2015-03-04
## 613
        United States of America 2015-03-04
                             Mali 2015-03-04
## 614
## 615
                            Spain 2015-03-04
## 616
                     Sierra Leone 2015-03-04
## 617
                           Guinea 2015-03-04
## 618
                  United Kingdom 2015-03-04
## 619
                          Nigeria 2015-03-05
## 620
                  United Kingdom 2015-03-05
## 621
                           Guinea 2015-03-05
## 622
                            Spain 2015-03-05
## 623
                          Liberia 2015-03-05
## 624
                          Senegal 2015-03-05
## 625
                             Mali 2015-03-05
## 626
                     Sierra Leone 2015-03-05
## 627
        United States of America 2015-03-05
## 628
        United States of America 2015-03-06
## 629
                             Mali 2015-03-06
## 630
                          Nigeria 2015-03-06
## 631
                          Liberia 2015-03-06
## 632
                     Sierra Leone 2015-03-06
## 633
                           Guinea 2015-03-06
## 634
                            Spain 2015-03-06
## 635
                          Senegal 2015-03-06
## 636
                  United Kingdom 2015-03-06
## 637
                           Guinea 2015-03-10
## 638
                             Mali 2015-03-10
## 639
                     Sierra Leone 2015-03-10
## 640
                            Spain 2015-03-10
## 641
        United States of America 2015-03-10
## 642
                  United Kingdom 2015-03-10
## 643
                          Liberia 2015-03-10
## 644
                          Senegal 2015-03-10
## 645
                          Nigeria 2015-03-10
## 646
                           Guinea 2015-03-11
## 647
        United States of America 2015-03-11
## 648
                  United Kingdom 2015-03-11
```

```
## 649
                             Mali 2015-03-11
## 650
                          Senegal 2015-03-11
## 651
                          Nigeria 2015-03-11
## 652
                          Liberia 2015-03-11
## 653
                            Spain 2015-03-11
## 654
                     Sierra Leone 2015-03-11
## 655
                          Nigeria 2015-03-12
## 656
                            Spain 2015-03-12
## 657
                  United Kingdom 2015-03-12
## 658
        United States of America 2015-03-12
## 659
                     Sierra Leone 2015-03-12
## 660
                          Liberia 2015-03-12
## 661
                           Guinea 2015-03-12
## 662
                          Senegal 2015-03-12
## 663
                             Mali 2015-03-12
## 664
                            Spain 2015-03-13
## 665
                          Liberia 2015-03-13
## 666
                     Sierra Leone 2015-03-13
## 667
        United States of America 2015-03-13
## 668
                           Guinea 2015-03-13
## 669
                  United Kingdom 2015-03-13
## 670
                          Nigeria 2015-03-13
## 671
                          Senegal 2015-03-13
## 672
                             Mali 2015-03-13
## 673
                             Mali 2015-03-16
## 674
                           Guinea 2015-03-16
## 675
                     Sierra Leone 2015-03-16
## 676
                          Senegal 2015-03-16
## 677
                          Nigeria 2015-03-16
## 678
                            Spain 2015-03-16
## 679
        United States of America 2015-03-16
## 680
                          Liberia 2015-03-16
## 681
                  United Kingdom 2015-03-16
## 682
                           Guinea 2015-03-17
## 683
                             Mali 2015-03-17
## 684
                          Nigeria 2015-03-17
## 685
                          Senegal 2015-03-17
## 686
                     Sierra Leone 2015-03-17
## 687
                          Liberia 2015-03-17
## 688
                            Spain 2015-03-17
## 689
                  United Kingdom 2015-03-17
## 690
        United States of America 2015-03-17
                          Liberia 2015-03-18
## 691
## 692
                     Sierra Leone 2015-03-18
## 693
                            Spain 2015-03-18
## 694
                           Guinea 2015-03-18
## 695
                  United Kingdom 2015-03-18
## 696
                          Nigeria 2015-03-18
## 697
                          Senegal 2015-03-18
## 698
                             Mali 2015-03-18
## 699
        United States of America 2015-03-18
## 700
                  United Kingdom 2015-03-20
## 701
                           Guinea 2015-03-20
## 702
                     Sierra Leone 2015-03-20
```

```
United States of America 2015-03-20
                          Nigeria 2015-03-20
## 704
## 705
                          Senegal 2015-03-20
## 706
                            Spain 2015-03-20
## 707
                             Mali 2015-03-20
## 708
                          Liberia 2015-03-20
## 709
        United States of America 2015-03-23
## 710
                          Senegal 2015-03-23
## 711
                          Liberia 2015-03-23
## 712
                             Mali 2015-03-23
## 713
                     Sierra Leone 2015-03-23
## 714
                  United Kingdom 2015-03-23
## 715
                           Guinea 2015-03-23
## 716
                            Spain 2015-03-23
## 717
                          Nigeria 2015-03-23
## 718
                          Senegal 2015-03-24
## 719
                     Sierra Leone 2015-03-24
## 720
                           Guinea 2015-03-24
## 721
                            Spain 2015-03-24
## 722
                          Nigeria 2015-03-24
## 723
                             Mali 2015-03-24
## 724
                  United Kingdom 2015-03-24
## 725
        United States of America 2015-03-24
## 726
                          Liberia 2015-03-24
## 727
                          Senegal 2015-03-25
## 728
                          Liberia 2015-03-25
## 729
                            Spain 2015-03-25
## 730
                             Mali 2015-03-25
## 731
                     Sierra Leone 2015-03-25
## 732
                  United Kingdom 2015-03-25
## 733
                           Guinea 2015-03-25
## 734
                          Nigeria 2015-03-25
## 735
        United States of America 2015-03-25
## 736
                            Spain 2015-03-26
## 737
                           Guinea 2015-03-26
## 738
                          Senegal 2015-03-26
## 739
                     Sierra Leone 2015-03-26
## 740
                          Liberia 2015-03-26
## 741
                             Mali 2015-03-26
## 742
                          Nigeria 2015-03-26
## 743
                  United Kingdom 2015-03-26
## 744
        United States of America 2015-03-26
                          Liberia 2015-03-27
## 745
## 746
                            Spain 2015-03-27
## 747
                             Mali 2015-03-27
## 748
                          Nigeria 2015-03-27
## 749
                          Senegal 2015-03-27
## 750
                  United Kingdom 2015-03-27
## 751
        United States of America 2015-03-27
## 752
                           Guinea 2015-03-27
## 753
                    Sierra Leone 2015-03-27
## 754
                            Spain 2015-04-07
## 755
                             Mali 2015-04-07
## 756
                          Senegal 2015-04-07
```

```
## 757
                          Nigeria 2015-04-07
## 758
                           Guinea 2015-04-07
                  United Kingdom 2015-04-07
## 759
## 760
                          Liberia 2015-04-07
## 761
        United States of America 2015-04-07
## 762
                     Sierra Leone 2015-04-07
## 763
                          Liberia 2015-04-09
                  United Kingdom 2015-04-09
## 764
## 765
        United States of America 2015-04-09
## 766
                             Mali 2015-04-09
## 767
                          Senegal 2015-04-09
## 768
                            Spain 2015-04-09
## 769
                          Nigeria 2015-04-09
## 770
                           Guinea 2015-04-09
## 771
                     Sierra Leone 2015-04-09
## 772
                     Sierra Leone 2015-04-13
## 773
                          Senegal 2015-04-13
## 774
                          Liberia 2015-04-13
## 775
                             Mali 2015-04-13
## 776
        United States of America 2015-04-13
## 777
                          Nigeria 2015-04-13
## 778
                            Spain 2015-04-13
## 779
                  United Kingdom 2015-04-13
## 780
                           Guinea 2015-04-13
## 781
                     Sierra Leone 2015-04-14
## 782
                  United Kingdom 2015-04-14
## 783
        United States of America 2015-04-14
## 784
                          Nigeria 2015-04-14
## 785
                             Mali 2015-04-14
## 786
                           Guinea 2015-04-14
## 787
                          Liberia 2015-04-14
## 788
                          Senegal 2015-04-14
## 789
                            Spain 2015-04-14
## 790
                             Mali 2015-04-15
## 791
                     Sierra Leone 2015-04-15
## 792
                          Liberia 2015-04-15
## 793
                          Senegal 2015-04-15
## 794
                           Guinea 2015-04-15
## 795
        United States of America 2015-04-15
## 796
                            Spain 2015-04-15
## 797
                          Nigeria 2015-04-15
## 798
                  United Kingdom 2015-04-15
## 799
                            Spain 2015-04-16
## 800
        United States of America 2015-04-16
## 801
                             Mali 2015-04-16
## 802
                     Sierra Leone 2015-04-16
## 803
                          Nigeria 2015-04-16
## 804
                  United Kingdom 2015-04-16
## 805
                          Senegal 2015-04-16
## 806
                          Liberia 2015-04-16
## 807
                           Guinea 2015-04-16
## 808
                           Guinea 2015-04-17
## 809
                          Nigeria 2015-04-17
## 810
       United States of America 2015-04-17
```

```
## 811
                  United Kingdom 2015-04-17
## 812
                          Senegal 2015-04-17
## 813
                          Liberia 2015-04-17
## 814
                            Spain 2015-04-17
## 815
                             Mali 2015-04-17
## 816
                     Sierra Leone 2015-04-17
## 817
                  United Kingdom 2015-04-20
## 818
                             Mali 2015-04-20
## 819
                     Sierra Leone 2015-04-20
## 820
                          Senegal 2015-04-20
## 821
                           Guinea 2015-04-20
## 822
                          Liberia 2015-04-20
## 823
                          Nigeria 2015-04-20
## 824
                            Spain 2015-04-20
## 825
        United States of America 2015-04-20
## 826
                            Spain 2015-04-21
## 827
                          Liberia 2015-04-21
## 828
                          Nigeria 2015-04-21
                             Mali 2015-04-21
## 829
## 830
                          Senegal 2015-04-21
## 831
        United States of America 2015-04-21
## 832
                           Guinea 2015-04-21
## 833
                  United Kingdom 2015-04-21
                     Sierra Leone 2015-04-21
## 834
## 835
                  United Kingdom 2015-04-22
## 836
                            Spain 2015-04-22
## 837
                     Sierra Leone 2015-04-22
## 838
                             Mali 2015-04-22
## 839
        United States of America 2015-04-22
## 840
                           Guinea 2015-04-22
## 841
                          Senegal 2015-04-22
## 842
                          Liberia 2015-04-22
## 843
                          Nigeria 2015-04-22
## 844
                             Mali 2015-04-23
## 845
                  United Kingdom 2015-04-23
## 846
                          Liberia 2015-04-23
## 847
                           Guinea 2015-04-23
## 848
                          Nigeria 2015-04-23
## 849
                            Spain 2015-04-23
## 850
                     Sierra Leone 2015-04-23
## 851
        United States of America 2015-04-23
## 852
                          Senegal 2015-04-23
## 853
                            Spain 2015-04-24
## 854
                  United Kingdom 2015-04-24
## 855
                             Mali 2015-04-24
## 856
                          Nigeria 2015-04-24
## 857
        United States of America 2015-04-24
## 858
                          Liberia 2015-04-24
## 859
                           Guinea 2015-04-24
## 860
                     Sierra Leone 2015-04-24
## 861
                          Senegal 2015-04-24
## 862
                  United Kingdom 2015-04-27
## 863
                            Spain 2015-04-27
## 864
                             Mali 2015-04-27
```

```
## 865
                          Liberia 2015-04-27
## 866
                          Nigeria 2015-04-27
## 867
        United States of America 2015-04-27
                     Sierra Leone 2015-04-27
## 868
## 869
                           Guinea 2015-04-27
## 870
                          Senegal 2015-04-27
                     Sierra Leone 2015-04-28
## 871
## 872
                          Nigeria 2015-04-28
## 873
                           Guinea 2015-04-28
## 874
                          Senegal 2015-04-28
## 875
                  United Kingdom 2015-04-28
## 876
                            Spain 2015-04-28
## 877
        United States of America 2015-04-28
## 878
                          Liberia 2015-04-28
## 879
                             Mali 2015-04-28
## 880
                          Senegal 2015-04-30
## 881
                           Guinea 2015-04-30
## 882
        United States of America 2015-04-30
## 883
                            Spain 2015-04-30
## 884
                  United Kingdom 2015-04-30
## 885
                          Nigeria 2015-04-30
## 886
                             Mali 2015-04-30
## 887
                     Sierra Leone 2015-04-30
## 888
                          Liberia 2015-04-30
## 889
                     Sierra Leone 2015-05-01
## 890
                             Mali 2015-05-01
## 891
                          Nigeria 2015-05-01
## 892
        United States of America 2015-05-01
## 893
                           Guinea 2015-05-01
## 894
                          Senegal 2015-05-01
## 895
                          Liberia 2015-05-01
## 896
                  United Kingdom 2015-05-01
## 897
                            Spain 2015-05-01
## 898
                  United Kingdom 2015-05-04
## 899
                     Sierra Leone 2015-05-04
## 900
                          Liberia 2015-05-04
## 901
                             Mali 2015-05-04
## 902
                          Nigeria 2015-05-04
## 903
        United States of America 2015-05-04
## 904
                            Spain 2015-05-04
## 905
                          Senegal 2015-05-04
## 906
                           Guinea 2015-05-04
## 907
                             Mali 2015-05-05
## 908
                            Spain 2015-05-05
## 909
                          Liberia 2015-05-05
        United States of America 2015-05-05
## 910
## 911
                          Nigeria 2015-05-05
## 912
                     Sierra Leone 2015-05-05
## 913
                  United Kingdom 2015-05-05
## 914
                          Senegal 2015-05-05
## 915
                           Guinea 2015-05-05
## 916
                           Guinea 2015-05-06
## 917
                          Liberia 2015-05-06
## 918
                  United Kingdom 2015-05-06
```

```
## 919
                          Nigeria 2015-05-06
## 920
                             Mali 2015-05-06
## 921
        United States of America 2015-05-06
## 922
                     Sierra Leone 2015-05-06
## 923
                          Senegal 2015-05-06
## 924
                            Spain 2015-05-06
## 925
                          Liberia 2015-05-07
## 926
                            Spain 2015-05-07
## 927
                             Mali 2015-05-07
## 928
                     Sierra Leone 2015-05-07
## 929
        United States of America 2015-05-07
## 930
                  United Kingdom 2015-05-07
## 931
                          Senegal 2015-05-07
## 932
                           Guinea 2015-05-07
## 933
                          Nigeria 2015-05-07
## 934
                          Senegal 2015-05-08
## 935
                            Spain 2015-05-08
## 936
                     Sierra Leone 2015-05-08
## 937
        United States of America 2015-05-08
## 938
                          Nigeria 2015-05-08
## 939
                          Liberia 2015-05-08
## 940
                  United Kingdom 2015-05-08
                             Mali 2015-05-08
## 941
## 942
                           Guinea 2015-05-08
## 943
                  United Kingdom 2015-05-11
## 944
                           Guinea 2015-05-11
## 945
                          Senegal 2015-05-11
## 946
        United States of America 2015-05-11
## 947
                            Spain 2015-05-11
## 948
                             Mali 2015-05-11
## 949
                          Liberia 2015-05-11
## 950
                          Nigeria 2015-05-11
## 951
                     Sierra Leone 2015-05-11
## 952
                          Senegal 2015-05-12
## 953
                             Mali 2015-05-12
## 954
                          Liberia 2015-05-12
## 955
        United States of America 2015-05-12
## 956
                  United Kingdom 2015-05-12
## 957
                     Sierra Leone 2015-05-12
## 958
                          Nigeria 2015-05-12
                           Guinea 2015-05-12
## 959
## 960
                            Spain 2015-05-12
## 961
                     Sierra Leone 2015-05-13
## 962
                  United Kingdom 2015-05-13
## 963
                          Senegal 2015-05-13
## 964
                          Nigeria 2015-05-13
## 965
                            Spain 2015-05-13
## 966
                          Liberia 2015-05-13
## 967
                             Mali 2015-05-13
## 968
                           Guinea 2015-05-13
## 969
        United States of America 2015-05-13
## 970
                          Nigeria 2015-05-14
## 971
                            Spain 2015-05-14
## 972
                          Liberia 2015-05-14
```

```
United States of America 2015-05-14
## 974
                             Mali 2015-05-14
## 975
                           Guinea 2015-05-14
## 976
                          Senegal 2015-05-14
## 977
                  United Kingdom 2015-05-14
## 978
                     Sierra Leone 2015-05-14
## 979
                            Italy 2015-05-14
                             Mali 2015-05-15
## 980
## 981
                           Guinea 2015-05-15
## 982
                     Sierra Leone 2015-05-15
## 983
                          Nigeria 2015-05-15
## 984
                  United Kingdom 2015-05-15
## 985
                            Italy 2015-05-15
## 986
                            Spain 2015-05-15
## 987
        United States of America 2015-05-15
## 988
                          Senegal 2015-05-15
## 989
                          Liberia 2015-05-15
## 990
                          Nigeria 2015-05-18
## 991
                            Spain 2015-05-18
## 992
                     Sierra Leone 2015-05-18
## 993
                  United Kingdom 2015-05-18
## 994
                          Liberia 2015-05-18
## 995
                          Senegal 2015-05-18
## 996
                            Italy 2015-05-18
## 997
                             Mali 2015-05-18
## 998
        United States of America 2015-05-18
## 999
                           Guinea 2015-05-18
## 1000
                             Mali 2015-05-19
## 1001
                            Italy 2015-05-19
## 1002
                           Guinea 2015-05-19
## 1003
                     Sierra Leone 2015-05-19
## 1004
                            Spain 2015-05-19
## 1005
                          Nigeria 2015-05-19
## 1006
                  United Kingdom 2015-05-19
## 1007 United States of America 2015-05-19
## 1008
                          Liberia 2015-05-19
## 1009
                          Senegal 2015-05-19
## 1010
                            Spain 2015-05-20
## 1011
                  United Kingdom 2015-05-20
## 1012
                     Sierra Leone 2015-05-20
## 1013
                          Senegal 2015-05-20
## 1014
                          Nigeria 2015-05-20
## 1015
                            Italy 2015-05-20
## 1016
                           Guinea 2015-05-20
## 1017
                             Mali 2015-05-20
## 1018
                          Liberia 2015-05-20
## 1019 United States of America 2015-05-20
## 1020
                          Liberia 2015-05-21
## 1021
                            Italy 2015-05-21
## 1022
                            Spain 2015-05-21
## 1023
                    Sierra Leone 2015-05-21
## 1024
                         Nigeria 2015-05-21
## 1025
                          Senegal 2015-05-21
## 1026
                             Mali 2015-05-21
```

```
## 1027
                  United Kingdom 2015-05-21
## 1028
                           Guinea 2015-05-21
## 1029 United States of America 2015-05-21
## 1030
                            Spain 2015-05-22
## 1031
                             Mali 2015-05-22
## 1032
                          Liberia 2015-05-22
## 1033
                            Italy 2015-05-22
## 1034 United States of America 2015-05-22
## 1035
                     Sierra Leone 2015-05-22
## 1036
                           Guinea 2015-05-22
## 1037
                          Nigeria 2015-05-22
## 1038
                  United Kingdom 2015-05-22
## 1039
                          Senegal 2015-05-22
                          Nigeria 2015-05-25
## 1040
## 1041
                            Italy 2015-05-25
## 1042
                  United Kingdom 2015-05-25
## 1043 United States of America 2015-05-25
## 1044
                             Mali 2015-05-25
## 1045
                            Spain 2015-05-25
## 1046
                          Senegal 2015-05-25
## 1047
                          Liberia 2015-05-25
## 1048
                           Guinea 2015-05-25
## 1049
                     Sierra Leone 2015-05-25
## 1050
                          Nigeria 2015-05-26
## 1051
                          Senegal 2015-05-26
## 1052
                           Guinea 2015-05-26
## 1053
                             Mali 2015-05-26
## 1054
                            Italy 2015-05-26
## 1055
                            Spain 2015-05-26
## 1056
                     Sierra Leone 2015-05-26
## 1057
                  United Kingdom 2015-05-26
## 1058
                          Liberia 2015-05-26
## 1059 United States of America 2015-05-26
## 1060
                             Mali 2015-05-27
## 1061
                            Italy 2015-05-27
## 1062
                           Guinea 2015-05-27
## 1063
                          Nigeria 2015-05-27
## 1064
                     Sierra Leone 2015-05-27
## 1065 United States of America 2015-05-27
## 1066
                          Liberia 2015-05-27
## 1067
                            Spain 2015-05-27
## 1068
                  United Kingdom 2015-05-27
## 1069
                          Senegal 2015-05-27
## 1070
                            Italy 2015-05-28
## 1071
                             Mali 2015-05-28
## 1072 United States of America 2015-05-28
## 1073
                          Liberia 2015-05-28
## 1074
                            Spain 2015-05-28
## 1075
                          Senegal 2015-05-28
## 1076
                          Nigeria 2015-05-28
## 1077
                           Guinea 2015-05-28
## 1078
                  United Kingdom 2015-05-28
## 1079
                     Sierra Leone 2015-05-28
## 1080
                           Guinea 2015-05-29
```

```
## 1081
                  United Kingdom 2015-05-29
## 1082
                          Liberia 2015-05-29
## 1083 United States of America 2015-05-29
## 1084
                            Italy 2015-05-29
## 1085
                    Sierra Leone 2015-05-29
## 1086
                          Nigeria 2015-05-29
## 1087
                            Spain 2015-05-29
## 1088
                          Senegal 2015-05-29
## 1089
                             Mali 2015-05-29
## 1090
                  United Kingdom 2015-06-01
## 1091 United States of America 2015-06-01
## 1092
                    Sierra Leone 2015-06-01
## 1093
                          Nigeria 2015-06-01
## 1094
                            Spain 2015-06-01
## 1095
                          Senegal 2015-06-01
## 1096
                            Italy 2015-06-01
## 1097
                           Guinea 2015-06-01
## 1098
                          Liberia 2015-06-01
## 1099
                             Mali 2015-06-01
## 1100
                    Sierra Leone 2015-06-02
## 1101
                          Nigeria 2015-06-02
## 1102
                          Senegal 2015-06-02
## 1103
                           Guinea 2015-06-02
## 1104
                             Mali 2015-06-02
## 1105 United States of America 2015-06-02
## 1106
                          Liberia 2015-06-02
## 1107
                            Spain 2015-06-02
## 1108
                            Italy 2015-06-02
## 1109
                  United Kingdom 2015-06-02
## 1110 United States of America 2015-06-03
## 1111
                  United Kingdom 2015-06-03
## 1112
                          Senegal 2015-06-03
## 1113
                          Nigeria 2015-06-03
## 1114
                    Sierra Leone 2015-06-03
## 1115
                            Italy 2015-06-03
## 1116
                           Guinea 2015-06-03
## 1117
                            Spain 2015-06-03
## 1118
                             Mali 2015-06-03
## 1119
                          Liberia 2015-06-03
## 1120
                           Guinea 2015-06-04
## 1121
                    Sierra Leone 2015-06-04
## 1122 United States of America 2015-06-04
## 1123
                            Spain 2015-06-04
## 1124
                             Mali 2015-06-04
## 1125
                          Senegal 2015-06-04
## 1126
                          Liberia 2015-06-04
## 1127
                          Nigeria 2015-06-04
## 1128
                  United Kingdom 2015-06-04
## 1129
                            Italy 2015-06-04
## 1130
                  United Kingdom 2015-06-05
                           Guinea 2015-06-05
## 1131
## 1132
                            Italy 2015-06-05
## 1133 United States of America 2015-06-05
## 1134
                            Spain 2015-06-05
```

```
## 1135
                          Senegal 2015-06-05
## 1136
                          Liberia 2015-06-05
## 1137
                          Nigeria 2015-06-05
## 1138
                             Mali 2015-06-05
## 1139
                    Sierra Leone 2015-06-05
## 1140
                          Senegal 2015-06-08
## 1141
                          Nigeria 2015-06-08
## 1142
                    Sierra Leone 2015-06-08
## 1143 United States of America 2015-06-08
## 1144
                            Spain 2015-06-08
## 1145
                           Guinea 2015-06-08
## 1146
                          Liberia 2015-06-08
## 1147
                            Italy 2015-06-08
## 1148
                             Mali 2015-06-08
## 1149
                  United Kingdom 2015-06-08
## 1150
                    Sierra Leone 2015-06-09
## 1151
                            Spain 2015-06-09
## 1152
                          Liberia 2015-06-09
## 1153 United States of America 2015-06-09
## 1154
                  United Kingdom 2015-06-09
## 1155
                           Guinea 2015-06-09
## 1156
                             Mali 2015-06-09
## 1157
                          Nigeria 2015-06-09
## 1158
                          Senegal 2015-06-09
## 1159
                            Italy 2015-06-09
## 1160
                             Mali 2015-06-10
## 1161
                  United Kingdom 2015-06-10
## 1162
                          Senegal 2015-06-10
## 1163
                            Italy 2015-06-10
## 1164
                            Spain 2015-06-10
## 1165 United States of America 2015-06-10
## 1166
                          Liberia 2015-06-10
## 1167
                          Guinea 2015-06-10
## 1168
                          Nigeria 2015-06-10
## 1169
                    Sierra Leone 2015-06-10
## 1170
                            Italy 2015-06-11
## 1171 United States of America 2015-06-11
## 1172
                           Guinea 2015-06-11
## 1173
                            Spain 2015-06-11
## 1174
                             Mali 2015-06-11
## 1175
                          Nigeria 2015-06-11
## 1176
                          Senegal 2015-06-11
## 1177
                          Liberia 2015-06-11
## 1178
                  United Kingdom 2015-06-11
## 1179
                    Sierra Leone 2015-06-11
## 1180
                          Liberia 2015-06-12
## 1181
                           Guinea 2015-06-12
## 1182
                          Nigeria 2015-06-12
## 1183
                            Mali 2015-06-12
## 1184
                            Spain 2015-06-12
## 1185 United States of America 2015-06-12
## 1186
                    Sierra Leone 2015-06-12
## 1187
                  United Kingdom 2015-06-12
## 1188
                            Italy 2015-06-12
```

```
## 1189
                          Senegal 2015-06-12
## 1190
                            Spain 2015-06-15
## 1191 United States of America 2015-06-15
## 1192
                             Mali 2015-06-15
## 1193
                           Guinea 2015-06-15
## 1194
                          Liberia 2015-06-15
## 1195
                            Italy 2015-06-15
## 1196
                    Sierra Leone 2015-06-15
## 1197
                          Nigeria 2015-06-15
## 1198
                  United Kingdom 2015-06-15
## 1199
                          Senegal 2015-06-15
## 1200
                           Guinea 2015-06-16
## 1201
                          Liberia 2015-06-16
## 1202
                             Mali 2015-06-16
## 1203
                  United Kingdom 2015-06-16
## 1204
                    Sierra Leone 2015-06-16
## 1205 United States of America 2015-06-16
## 1206
                          Senegal 2015-06-16
## 1207
                            Italy 2015-06-16
## 1208
                          Nigeria 2015-06-16
## 1209
                            Spain 2015-06-16
## 1210 United States of America 2015-06-17
## 1211
                    Sierra Leone 2015-06-17
## 1212
                          Nigeria 2015-06-17
## 1213
                  United Kingdom 2015-06-17
## 1214
                            Italy 2015-06-17
## 1215
                          Senegal 2015-06-17
## 1216
                            Spain 2015-06-17
## 1217
                             Mali 2015-06-17
## 1218
                           Guinea 2015-06-17
## 1219
                          Liberia 2015-06-17
## 1220
                    Sierra Leone 2015-06-18
## 1221
                          Liberia 2015-06-18
## 1222 United States of America 2015-06-18
## 1223
                            Italy 2015-06-18
## 1224
                          Senegal 2015-06-18
## 1225
                  United Kingdom 2015-06-18
## 1226
                            Spain 2015-06-18
## 1227
                          Nigeria 2015-06-18
## 1228
                           Guinea 2015-06-18
## 1229
                             Mali 2015-06-18
## 1230
                             Mali 2015-06-19
## 1231
                    Sierra Leone 2015-06-19
## 1232
                          Nigeria 2015-06-19
## 1233
                            Spain 2015-06-19
## 1234 United States of America 2015-06-19
## 1235
                          Senegal 2015-06-19
## 1236
                  United Kingdom 2015-06-19
## 1237
                            Italy 2015-06-19
## 1238
                          Liberia 2015-06-19
                           Guinea 2015-06-19
## 1239
## 1240
                          Liberia 2015-06-22
## 1241
                            Spain 2015-06-22
## 1242
                  United Kingdom 2015-06-22
```

```
## 1243
                            Italy 2015-06-22
## 1244
                           Guinea 2015-06-22
## 1245
                     Sierra Leone 2015-06-22
## 1246
                             Mali 2015-06-22
## 1247 United States of America 2015-06-22
## 1248
                          Nigeria 2015-06-22
## 1249
                          Senegal 2015-06-22
## 1250
                            Italy 2015-06-23
## 1251
                    Sierra Leone 2015-06-23
## 1252
                          Liberia 2015-06-23
## 1253
                  United Kingdom 2015-06-23
## 1254
                          Nigeria 2015-06-23
## 1255
                          Senegal 2015-06-23
## 1256 United States of America 2015-06-23
## 1257
                            Spain 2015-06-23
## 1258
                             Mali 2015-06-23
## 1259
                           Guinea 2015-06-23
## 1260 United States of America 2015-06-24
## 1261
                    Sierra Leone 2015-06-24
## 1262
                          Senegal 2015-06-24
## 1263
                  United Kingdom 2015-06-24
## 1264
                          Guinea 2015-06-24
## 1265
                          Liberia 2015-06-24
## 1266
                             Mali 2015-06-24
## 1267
                            Italy 2015-06-24
## 1268
                          Nigeria 2015-06-24
## 1269
                            Spain 2015-06-24
## 1270
                          Nigeria 2015-06-25
## 1271
                     Sierra Leone 2015-06-25
## 1272
                          Senegal 2015-06-25
## 1273
                             Mali 2015-06-25
## 1274
                            Spain 2015-06-25
## 1275
                  United Kingdom 2015-06-25
## 1276
                          Liberia 2015-06-25
## 1277 United States of America 2015-06-25
## 1278
                           Guinea 2015-06-25
## 1279
                            Italy 2015-06-25
## 1280
                           Guinea 2015-06-26
## 1281
                            Spain 2015-06-26
## 1282
                          Senegal 2015-06-26
## 1283
                            Italy 2015-06-26
## 1284
                     Sierra Leone 2015-06-26
                          Liberia 2015-06-26
## 1285
## 1286
                  United Kingdom 2015-06-26
## 1287
                             Mali 2015-06-26
## 1288
                          Nigeria 2015-06-26
## 1289 United States of America 2015-06-26
## 1290
                          Senegal 2015-06-29
## 1291
                  United Kingdom 2015-06-29
## 1292
                          Nigeria 2015-06-29
## 1293
                           Guinea 2015-06-29
## 1294
                     Sierra Leone 2015-06-29
## 1295
                             Mali 2015-06-29
## 1296
                            Spain 2015-06-29
```

```
## 1297
                         Liberia 2015-06-29
## 1298 United States of America 2015-06-29
## 1299
                            Italy 2015-06-29
## 1300
                  United Kingdom 2015-06-30
## 1301
                             Mali 2015-06-30
## 1302
                         Liberia 2015-06-30
## 1303
                    Sierra Leone 2015-06-30
## 1304
                            Italy 2015-06-30
## 1305
                         Senegal 2015-06-30
## 1306
                          Guinea 2015-06-30
## 1307
                            Spain 2015-06-30
## 1308
                         Nigeria 2015-06-30
## 1309 United States of America 2015-06-30
## 1310
                    Sierra Leone 2015-07-01
## 1311
                          Senegal 2015-07-01
## 1312
                            Spain 2015-07-01
## 1313
                  United Kingdom 2015-07-01
## 1314
                          Guinea 2015-07-01
## 1315
                            Italy 2015-07-01
## 1316
                         Liberia 2015-07-01
## 1317 United States of America 2015-07-01
## 1318
                         Nigeria 2015-07-01
## 1319
                            Mali 2015-07-01
## 1320
                         Senegal 2015-07-02
## 1321
                            Italy 2015-07-02
## 1322
                         Liberia 2015-07-02
## 1323
                          Guinea 2015-07-02
## 1324 United States of America 2015-07-02
## 1325
                            Spain 2015-07-02
## 1326
                          Nigeria 2015-07-02
## 1327
                             Mali 2015-07-02
## 1328
                    Sierra Leone 2015-07-02
## 1329
                  United Kingdom 2015-07-02
## 1330
                         Liberia 2015-07-03
## 1331
                  United Kingdom 2015-07-03
## 1332
                         Nigeria 2015-07-03
## 1333
                          Senegal 2015-07-03
## 1334 United States of America 2015-07-03
## 1335
                          Guinea 2015-07-03
## 1336
                            Italy 2015-07-03
## 1337
                         Liberia 2015-07-03
## 1338
                            Spain 2015-07-03
## 1339
                             Mali 2015-07-03
## 1340
                    Sierra Leone 2015-07-03
## 1341
                  United Kingdom 2015-07-06
## 1342
                            Spain 2015-07-06
## 1343
                           Guinea 2015-07-06
## 1344 United States of America 2015-07-06
## 1345
                          Liberia 2015-07-06
## 1346
                          Nigeria 2015-07-06
## 1347
                            Mali 2015-07-06
## 1348
                    Sierra Leone 2015-07-06
## 1349
                         Senegal 2015-07-06
## 1350
                         Liberia 2015-07-06
```

```
## 1351
                            Italy 2015-07-06
## 1352
                            Italy 2015-07-07
                            Spain 2015-07-07
## 1353
## 1354
                          Liberia 2015-07-07
## 1355
                          Nigeria 2015-07-07
## 1356 United States of America 2015-07-07
                    Sierra Leone 2015-07-07
## 1357
                          Senegal 2015-07-07
## 1358
## 1359
                          Liberia 2015-07-07
## 1360
                           Guinea 2015-07-07
## 1361
                             Mali 2015-07-07
## 1362
                  United Kingdom 2015-07-07
## 1363
                          Nigeria 2015-07-08
## 1364
                          Liberia 2015-07-08
## 1365 United States of America 2015-07-08
## 1366
                            Spain 2015-07-08
## 1367
                    Sierra Leone 2015-07-08
## 1368
                             Mali 2015-07-08
## 1369
                  United Kingdom 2015-07-08
## 1370
                           Guinea 2015-07-08
## 1371
                            Italy 2015-07-08
## 1372
                          Senegal 2015-07-08
## 1373
                          Liberia 2015-07-08
## 1374
                          Liberia 2015-07-09
## 1375
                          Senegal 2015-07-09
## 1376
                          Nigeria 2015-07-09
## 1377
                          Liberia 2015-07-09
## 1378
                  United Kingdom 2015-07-09
## 1379 United States of America 2015-07-09
## 1380
                            Italy 2015-07-09
## 1381
                    Sierra Leone 2015-07-09
## 1382
                           Guinea 2015-07-09
## 1383
                             Mali 2015-07-09
## 1384
                            Spain 2015-07-09
## 1385
                          Senegal 2015-07-10
## 1386
                             Mali 2015-07-10
## 1387
                    Sierra Leone 2015-07-10
## 1388
                          Nigeria 2015-07-10
## 1389
                            Italy 2015-07-10
## 1390
                           Guinea 2015-07-10
## 1391
                          Liberia 2015-07-10
## 1392
                            Spain 2015-07-10
## 1393 United States of America 2015-07-10
## 1394
                  United Kingdom 2015-07-10
## 1395
                          Liberia 2015-07-10
## 1396
                          Nigeria 2015-07-13
## 1397
                          Liberia 2015-07-13
## 1398
                            Spain 2015-07-13
## 1399
                          Liberia 2015-07-13
## 1400
                          Senegal 2015-07-13
                             Mali 2015-07-13
## 1401
## 1402
                  United Kingdom 2015-07-13
## 1403 United States of America 2015-07-13
## 1404
                           Guinea 2015-07-13
```

```
## 1405
                            Italy 2015-07-13
## 1406
                    Sierra Leone 2015-07-13
## 1407
                          Senegal 2015-07-14
## 1408
                  United Kingdom 2015-07-14
## 1409
                          Liberia 2015-07-14
## 1410
                           Guinea 2015-07-14
## 1411
                            Spain 2015-07-14
## 1412
                          Liberia 2015-07-14
## 1413
                             Mali 2015-07-14
## 1414
                            Italy 2015-07-14
## 1415 United States of America 2015-07-14
## 1416
                     Sierra Leone 2015-07-14
## 1417
                          Nigeria 2015-07-14
## 1418
                            Spain 2015-07-15
## 1419
                          Nigeria 2015-07-15
## 1420
                            Italy 2015-07-15
## 1421
                  United Kingdom 2015-07-15
## 1422 United States of America 2015-07-15
## 1423
                           Guinea 2015-07-15
## 1424
                          Liberia 2015-07-15
## 1425
                          Liberia 2015-07-15
## 1426
                             Mali 2015-07-15
## 1427
                     Sierra Leone 2015-07-15
                          Senegal 2015-07-15
## 1428
## 1429
                             Mali 2015-07-16
## 1430
                            Italy 2015-07-16
## 1431
                           Guinea 2015-07-16
## 1432
                          Liberia 2015-07-16
## 1433
                            Spain 2015-07-16
## 1434
                  United Kingdom 2015-07-16
## 1435
                          Senegal 2015-07-16
## 1436 United States of America 2015-07-16
## 1437
                          Liberia 2015-07-16
## 1438
                     Sierra Leone 2015-07-16
## 1439
                          Nigeria 2015-07-16
## 1440 United States of America 2015-07-17
## 1441
                          Liberia 2015-07-17
## 1442
                  United Kingdom 2015-07-17
## 1443
                           Guinea 2015-07-17
## 1444
                            Italy 2015-07-17
## 1445
                          Nigeria 2015-07-17
## 1446
                          Liberia 2015-07-17
## 1447
                             Mali 2015-07-17
## 1448
                            Spain 2015-07-17
## 1449
                          Senegal 2015-07-17
## 1450
                     Sierra Leone 2015-07-17
## 1451
                          Nigeria 2015-07-20
## 1452
                          Liberia 2015-07-20
## 1453
                          Senegal 2015-07-20
## 1454
                           Guinea 2015-07-20
## 1455
                  United Kingdom 2015-07-20
## 1456 United States of America 2015-07-20
## 1457
                          Liberia 2015-07-20
## 1458
                            Italy 2015-07-20
```

```
## 1459
                    Sierra Leone 2015-07-20
## 1460
                            Mali 2015-07-20
## 1461
                            Spain 2015-07-20
                         Liberia 2015-07-21
## 1462
## 1463
                           Guinea 2015-07-21
## 1464 United States of America 2015-07-21
                    Sierra Leone 2015-07-21
                  United Kingdom 2015-07-21
## 1466
## 1467
                            Spain 2015-07-21
## 1468
                          Liberia 2015-07-21
## 1469
                          Senegal 2015-07-21
## 1470
                             Mali 2015-07-21
## 1471
                          Nigeria 2015-07-21
## 1472
                            Italy 2015-07-21
## 1473
                    Sierra Leone 2015-07-22
## 1474
                            Spain 2015-07-22
## 1475
                           Guinea 2015-07-22
## 1476
                          Nigeria 2015-07-22
## 1477
                            Italy 2015-07-22
## 1478
                          Liberia 2015-07-22
## 1479
                          Senegal 2015-07-22
## 1480 United States of America 2015-07-22
## 1481
                          Liberia 2015-07-22
## 1482
                             Mali 2015-07-22
## 1483
                  United Kingdom 2015-07-22
## 1484 United States of America 2015-07-23
## 1485
                            Spain 2015-07-23
                    Sierra Leone 2015-07-23
## 1486
## 1487
                           Guinea 2015-07-23
## 1488
                          Liberia 2015-07-23
## 1489
                  United Kingdom 2015-07-23
## 1490
                          Nigeria 2015-07-23
## 1491
                             Mali 2015-07-23
## 1492
                          Senegal 2015-07-23
## 1493
                          Liberia 2015-07-23
## 1494
                            Italy 2015-07-23
## 1495 United States of America 2015-07-24
## 1496
                          Liberia 2015-07-24
## 1497
                             Mali 2015-07-24
## 1498
                          Liberia 2015-07-24
## 1499
                    Sierra Leone 2015-07-24
## 1500
                            Italy 2015-07-24
## 1501
                          Senegal 2015-07-24
## 1502
                           Guinea 2015-07-24
## 1503
                          Nigeria 2015-07-24
## 1504
                            Spain 2015-07-24
## 1505
                  United Kingdom 2015-07-24
## 1506
                            Spain 2015-07-27
## 1507
                             Mali 2015-07-27
## 1508
                          Senegal 2015-07-27
## 1509
                          Nigeria 2015-07-27
## 1510
                          Liberia 2015-07-27
## 1511 United States of America 2015-07-27
## 1512
                           Guinea 2015-07-27
```

```
## 1513
                  United Kingdom 2015-07-27
## 1514
                            Italy 2015-07-27
## 1515
                          Liberia 2015-07-27
## 1516
                    Sierra Leone 2015-07-27
## 1517 United States of America 2015-07-28
## 1518
                            Spain 2015-07-28
## 1519
                             Mali 2015-07-28
## 1520
                  United Kingdom 2015-07-28
## 1521
                     Sierra Leone 2015-07-28
## 1522
                           Guinea 2015-07-28
## 1523
                          Nigeria 2015-07-28
## 1524
                          Senegal 2015-07-28
## 1525
                            Italy 2015-07-28
## 1526
                          Liberia 2015-07-28
## 1527
                          Liberia 2015-07-28
## 1528
                          Nigeria 2015-07-29
## 1529
                     Sierra Leone 2015-07-29
## 1530
                          Liberia 2015-07-29
## 1531 United States of America 2015-07-29
## 1532
                          Senegal 2015-07-29
## 1533
                          Liberia 2015-07-29
## 1534
                            Spain 2015-07-29
## 1535
                             Mali 2015-07-29
## 1536
                  United Kingdom 2015-07-29
## 1537
                            Italy 2015-07-29
## 1538
                           Guinea 2015-07-29
## 1539
                           Guinea 2015-07-30
                          Senegal 2015-07-30
## 1540
## 1541
                            Spain 2015-07-30
## 1542
                             Mali 2015-07-30
## 1543
                     Sierra Leone 2015-07-30
## 1544
                          Nigeria 2015-07-30
## 1545
                            Italy 2015-07-30
## 1546 United States of America 2015-07-30
## 1547
                          Liberia 2015-07-30
## 1548
                  United Kingdom 2015-07-30
## 1549
                          Liberia 2015-07-30
## 1550
                          Nigeria 2015-07-31
## 1551
                          Senegal 2015-07-31
## 1552 United States of America 2015-07-31
                          Liberia 2015-07-31
## 1554
                     Sierra Leone 2015-07-31
                  United Kingdom 2015-07-31
## 1555
## 1556
                           Guinea 2015-07-31
## 1557
                            Spain 2015-07-31
## 1558
                            Italy 2015-07-31
## 1559
                          Liberia 2015-07-31
## 1560
                             Mali 2015-07-31
## 1561
                  United Kingdom 2015-08-03
## 1562
                          Liberia 2015-08-03
## 1563
                     Sierra Leone 2015-08-03
## 1564
                            Italy 2015-08-03
## 1565 United States of America 2015-08-03
## 1566
                          Nigeria 2015-08-03
```

```
## 1567
                          Liberia 2015-08-03
## 1568
                           Guinea 2015-08-03
## 1569
                            Spain 2015-08-03
## 1570
                          Senegal 2015-08-03
## 1571
                             Mali 2015-08-03
## 1572
                            Spain 2015-08-04
## 1573
                     Sierra Leone 2015-08-04
                          Liberia 2015-08-04
## 1574
                  United Kingdom 2015-08-04
## 1575
## 1576
                            Italy 2015-08-04
## 1577 United States of America 2015-08-04
## 1578
                          Senegal 2015-08-04
## 1579
                             Mali 2015-08-04
## 1580
                          Nigeria 2015-08-04
## 1581
                           Guinea 2015-08-04
## 1582
                          Liberia 2015-08-04
## 1583
                           Guinea 2015-08-05
## 1584
                            Spain 2015-08-05
## 1585
                             Mali 2015-08-05
## 1586
                     Sierra Leone 2015-08-05
## 1587
                          Liberia 2015-08-05
## 1588
                            Italy 2015-08-05
## 1589
                          Senegal 2015-08-05
## 1590
                          Liberia 2015-08-05
## 1591 United States of America 2015-08-05
## 1592
                  United Kingdom 2015-08-05
## 1593
                          Nigeria 2015-08-05
## 1594
                            Spain 2015-08-06
## 1595
                           Guinea 2015-08-06
## 1596
                          Senegal 2015-08-06
## 1597
                             Mali 2015-08-06
## 1598
                          Nigeria 2015-08-06
## 1599
                  United Kingdom 2015-08-06
## 1600
                     Sierra Leone 2015-08-06
## 1601
                          Liberia 2015-08-06
## 1602
                          Liberia 2015-08-06
## 1603 United States of America 2015-08-06
## 1604
                            Italy 2015-08-06
## 1605
                          Liberia 2015-08-07
## 1606
                            Spain 2015-08-07
## 1607
                     Sierra Leone 2015-08-07
## 1608 United States of America 2015-08-07
                          Liberia 2015-08-07
## 1609
## 1610
                           Guinea 2015-08-07
## 1611
                          Senegal 2015-08-07
## 1612
                  United Kingdom 2015-08-07
## 1613
                          Nigeria 2015-08-07
## 1614
                            Italy 2015-08-07
## 1615
                             Mali 2015-08-07
## 1616
                          Liberia 2015-08-10
## 1617
                  United Kingdom 2015-08-10
## 1618
                     Sierra Leone 2015-08-10
## 1619
                          Senegal 2015-08-10
## 1620
                          Liberia 2015-08-10
```

```
## 1621
                            Spain 2015-08-10
## 1622
                           Guinea 2015-08-10
## 1623
                             Mali 2015-08-10
## 1624 United States of America 2015-08-10
## 1625
                            Italy 2015-08-10
## 1626
                          Nigeria 2015-08-10
## 1627
                            Spain 2015-08-11
                           Guinea 2015-08-11
## 1628
## 1629
                            Italy 2015-08-11
## 1630
                          Liberia 2015-08-11
## 1631 United States of America 2015-08-11
## 1632
                    Sierra Leone 2015-08-11
## 1633
                          Senegal 2015-08-11
## 1634
                          Nigeria 2015-08-11
## 1635
                  United Kingdom 2015-08-11
## 1636
                             Mali 2015-08-11
## 1637
                          Liberia 2015-08-11
## 1638
                          Liberia 2015-08-12
## 1639
                            Spain 2015-08-12
## 1640
                  United Kingdom 2015-08-12
## 1641
                          Nigeria 2015-08-12
## 1642 United States of America 2015-08-12
## 1643
                            Italy 2015-08-12
## 1644
                             Mali 2015-08-12
## 1645
                          Liberia 2015-08-12
## 1646
                          Senegal 2015-08-12
## 1647
                          Guinea 2015-08-12
## 1648
                    Sierra Leone 2015-08-12
## 1649
                          Senegal 2015-08-13
## 1650
                           Guinea 2015-08-13
## 1651
                    Sierra Leone 2015-08-13
## 1652
                            Italy 2015-08-13
## 1653
                            Spain 2015-08-13
## 1654
                  United Kingdom 2015-08-13
## 1655
                             Mali 2015-08-13
## 1656 United States of America 2015-08-13
## 1657
                          Nigeria 2015-08-13
## 1658
                          Liberia 2015-08-13
## 1659
                          Liberia 2015-08-13
## 1660
                          Senegal 2015-08-14
## 1661
                             Mali 2015-08-14
## 1662
                            Spain 2015-08-14
## 1663
                          Nigeria 2015-08-14
## 1664 United States of America 2015-08-14
## 1665
                            Italy 2015-08-14
## 1666
                           Guinea 2015-08-14
## 1667
                    Sierra Leone 2015-08-14
## 1668
                          Liberia 2015-08-14
## 1669
                          Liberia 2015-08-14
## 1670
                  United Kingdom 2015-08-14
                          Guinea 2015-08-17
## 1671
## 1672
                          Senegal 2015-08-17
## 1673
                          Liberia 2015-08-17
## 1674
                            Spain 2015-08-17
```

```
## 1675
                     Sierra Leone 2015-08-17
## 1676
                            Italy 2015-08-17
## 1677 United States of America 2015-08-17
                          Nigeria 2015-08-17
## 1679
                          Liberia 2015-08-17
## 1680
                             Mali 2015-08-17
## 1681
                  United Kingdom 2015-08-17
## 1682
                  United Kingdom 2015-08-18
## 1683
                            Spain 2015-08-18
## 1684
                     Sierra Leone 2015-08-18
## 1685
                            Italy 2015-08-18
## 1686
                          Liberia 2015-08-18
## 1687
                           Guinea 2015-08-18
## 1688 United States of America 2015-08-18
## 1689
                          Senegal 2015-08-18
## 1690
                          Nigeria 2015-08-18
## 1691
                          Liberia 2015-08-18
## 1692
                             Mali 2015-08-18
## 1693
                          Liberia 2015-08-19
## 1694
                            Italy 2015-08-19
## 1695
                          Senegal 2015-08-19
## 1696
                          Nigeria 2015-08-19
## 1697
                            Spain 2015-08-19
## 1698
                           Guinea 2015-08-19
## 1699
                  United Kingdom 2015-08-19
## 1700
                             Mali 2015-08-19
## 1701
                     Sierra Leone 2015-08-19
                          Liberia 2015-08-19
## 1702
## 1703 United States of America 2015-08-19
## 1704
                          Senegal 2015-08-20
## 1705
                           Guinea 2015-08-20
## 1706
                          Liberia 2015-08-20
## 1707
                            Spain 2015-08-20
## 1708
                             Mali 2015-08-20
## 1709
                          Nigeria 2015-08-20
## 1710
                  United Kingdom 2015-08-20
## 1711
                            Italy 2015-08-20
## 1712
                     Sierra Leone 2015-08-20
## 1713 United States of America 2015-08-20
## 1714
                          Liberia 2015-08-20
## 1715
                          Senegal 2015-08-21
## 1716
                            Italy 2015-08-21
## 1717
                          Liberia 2015-08-21
## 1718
                            Spain 2015-08-21
## 1719 United States of America 2015-08-21
## 1720
                           Guinea 2015-08-21
## 1721
                          Liberia 2015-08-21
## 1722
                          Nigeria 2015-08-21
## 1723
                             Mali 2015-08-21
## 1724
                     Sierra Leone 2015-08-21
## 1725
                  United Kingdom 2015-08-21
## 1726
                          Liberia 2015-08-24
## 1727
                          Senegal 2015-08-24
## 1728
                           Guinea 2015-08-24
```

```
## 1729
                  United Kingdom 2015-08-24
## 1730
                             Mali 2015-08-24
## 1731
                            Spain 2015-08-24
## 1732
                          Nigeria 2015-08-24
## 1733
                            Italy 2015-08-24
## 1734 United States of America 2015-08-24
## 1735
                          Liberia 2015-08-24
## 1736
                     Sierra Leone 2015-08-24
## 1737
                            Italy 2015-08-25
## 1738
                          Senegal 2015-08-25
## 1739 United States of America 2015-08-25
## 1740
                          Liberia 2015-08-25
## 1741
                          Liberia 2015-08-25
## 1742
                            Spain 2015-08-25
## 1743
                     Sierra Leone 2015-08-25
## 1744
                             Mali 2015-08-25
## 1745
                          Nigeria 2015-08-25
## 1746
                           Guinea 2015-08-25
## 1747
                  United Kingdom 2015-08-25
## 1748
                          Liberia 2015-08-26
## 1749
                             Mali 2015-08-26
## 1750 United States of America 2015-08-26
## 1751
                            Italy 2015-08-26
## 1752
                          Nigeria 2015-08-26
## 1753
                    Sierra Leone 2015-08-26
## 1754
                            Spain 2015-08-26
## 1755
                           Guinea 2015-08-26
## 1756
                  United Kingdom 2015-08-26
## 1757
                          Senegal 2015-08-26
## 1758
                          Liberia 2015-08-26
## 1759
                          Liberia 2015-08-27
## 1760
                             Mali 2015-08-27
## 1761
                          Nigeria 2015-08-27
## 1762
                           Guinea 2015-08-27
## 1763
                            Italy 2015-08-27
## 1764
                            Spain 2015-08-27
## 1765
                    Sierra Leone 2015-08-27
## 1766
                          Liberia 2015-08-27
## 1767
                  United Kingdom 2015-08-27
## 1768
                          Senegal 2015-08-27
## 1769 United States of America 2015-08-27
## 1770
                          Liberia 2015-08-28
## 1771
                             Mali 2015-08-28
## 1772 United States of America 2015-08-28
## 1773
                            Spain 2015-08-28
## 1774
                          Senegal 2015-08-28
## 1775
                          Liberia 2015-08-28
## 1776
                          Nigeria 2015-08-28
## 1777
                            Italy 2015-08-28
## 1778
                           Guinea 2015-08-28
## 1779
                  United Kingdom 2015-08-28
## 1780
                    Sierra Leone 2015-08-28
## 1781
                             Mali 2015-08-31
## 1782
                          Liberia 2015-08-31
```

```
## 1783
                           Guinea 2015-08-31
## 1784
                    Sierra Leone 2015-08-31
## 1785
                          Nigeria 2015-08-31
## 1786
                          Senegal 2015-08-31
## 1787
                          Liberia 2015-08-31
## 1788
                            Spain 2015-08-31
## 1789 United States of America 2015-08-31
                  United Kingdom 2015-08-31
## 1790
## 1791
                            Italy 2015-08-31
## 1792
                            Spain 2015-09-01
## 1793
                           Guinea 2015-09-01
## 1794
                          Liberia 2015-09-01
## 1795
                    Sierra Leone 2015-09-01
## 1796 United States of America 2015-09-01
## 1797
                          Liberia 2015-09-01
## 1798
                             Mali 2015-09-01
## 1799
                            Italy 2015-09-01
## 1800
                  United Kingdom 2015-09-01
## 1801
                          Senegal 2015-09-01
## 1802
                          Nigeria 2015-09-01
## 1803
                    Sierra Leone 2015-09-02
## 1804
                             Mali 2015-09-02
## 1805 United States of America 2015-09-02
## 1806
                  United Kingdom 2015-09-02
## 1807
                          Guinea 2015-09-02
## 1808
                         Liberia 2015-09-02
## 1809
                            Spain 2015-09-02
## 1810
                          Senegal 2015-09-02
## 1811
                            Italy 2015-09-02
## 1812
                          Nigeria 2015-09-02
## 1813
                          Liberia 2015-09-02
## 1814
                            Italy 2015-09-03
## 1815
                            Spain 2015-09-03
## 1816
                             Mali 2015-09-03
## 1817 United States of America 2015-09-03
## 1818
                           Guinea 2015-09-03
## 1819
                          Senegal 2015-09-03
## 1820
                  United Kingdom 2015-09-03
## 1821
                          Liberia 2015-09-03
## 1822
                          Nigeria 2015-09-03
## 1823
                          Liberia 2015-09-03
## 1824
                    Sierra Leone 2015-09-03
                            Spain 2015-09-04
## 1825
## 1826 United States of America 2015-09-04
## 1827
                            Italy 2015-09-04
                          Liberia 2015-09-04
## 1828
## 1829
                          Senegal 2015-09-04
## 1830
                          Nigeria 2015-09-04
## 1831
                          Guinea 2015-09-04
                    Sierra Leone 2015-09-04
## 1832
## 1833
                          Liberia 2015-09-04
## 1834
                  United Kingdom 2015-09-04
## 1835
                             Mali 2015-09-04
## 1836
                          Nigeria 2015-09-07
```

```
## 1837
                             Mali 2015-09-07
## 1838
                          Guinea 2015-09-07
                         Liberia 2015-09-07
## 1839
## 1840
                         Senegal 2015-09-07
## 1841
                            Italy 2015-09-07
## 1842
                            Spain 2015-09-07
## 1843 United States of America 2015-09-07
                  United Kingdom 2015-09-07
## 1844
## 1845
                    Sierra Leone 2015-09-07
## 1846
                          Liberia 2015-09-07
## 1847
                          Senegal 2015-09-08
## 1848
                          Liberia 2015-09-08
## 1849
                          Nigeria 2015-09-08
## 1850
                           Guinea 2015-09-08
## 1851 United States of America 2015-09-08
## 1852
                    Sierra Leone 2015-09-08
## 1853
                  United Kingdom 2015-09-08
## 1854
                             Mali 2015-09-08
## 1855
                            Italy 2015-09-08
## 1856
                          Liberia 2015-09-08
## 1857
                            Spain 2015-09-08
## 1858
                    Sierra Leone 2015-09-09
## 1859
                            Italy 2015-09-09
## 1860
                  United Kingdom 2015-09-09
## 1861
                          Senegal 2015-09-09
## 1862
                           Guinea 2015-09-09
## 1863
                          Liberia 2015-09-09
## 1864 United States of America 2015-09-09
## 1865
                          Liberia 2015-09-09
## 1866
                             Mali 2015-09-09
## 1867
                            Spain 2015-09-09
## 1868
                          Nigeria 2015-09-09
## 1869
                          Nigeria 2015-09-10
## 1870
                           Guinea 2015-09-10
## 1871
                          Liberia 2015-09-10
## 1872
                    Sierra Leone 2015-09-10
## 1873
                            Italy 2015-09-10
## 1874 United States of America 2015-09-10
## 1875
                          Liberia 2015-09-10
## 1876
                  United Kingdom 2015-09-10
## 1877
                            Spain 2015-09-10
## 1878
                             Mali 2015-09-10
## 1879
                          Senegal 2015-09-10
## 1880
                    Sierra Leone 2015-09-11
## 1881
                          Nigeria 2015-09-11
## 1882
                             Mali 2015-09-11
## 1883
                          Liberia 2015-09-11
## 1884
                            Italy 2015-09-11
## 1885
                           Guinea 2015-09-11
                          Liberia 2015-09-11
## 1886
## 1887 United States of America 2015-09-11
## 1888
                            Spain 2015-09-11
## 1889
                          Senegal 2015-09-11
## 1890
                  United Kingdom 2015-09-11
```

```
## 1891
                            Spain 2015-09-14
## 1892
                         Liberia 2015-09-14
## 1893
                         Senegal 2015-09-14
## 1894
                            Italy 2015-09-14
## 1895
                           Guinea 2015-09-14
## 1896
                          Nigeria 2015-09-14
## 1897
                    Sierra Leone 2015-09-14
                  United Kingdom 2015-09-14
## 1898
## 1899 United States of America 2015-09-14
## 1900
                          Liberia 2015-09-14
## 1901
                             Mali 2015-09-14
## 1902
                          Senegal 2015-09-15
## 1903
                            Italy 2015-09-15
## 1904 United States of America 2015-09-15
## 1905
                            Spain 2015-09-15
## 1906
                    Sierra Leone 2015-09-15
## 1907
                  United Kingdom 2015-09-15
## 1908
                          Nigeria 2015-09-15
## 1909
                          Liberia 2015-09-15
                           Guinea 2015-09-15
## 1910
## 1911
                             Mali 2015-09-15
## 1912
                          Liberia 2015-09-15
## 1913
                          Guinea 2015-09-16
## 1914
                          Liberia 2015-09-16
## 1915
                          Senegal 2015-09-16
## 1916
                  United Kingdom 2015-09-16
## 1917
                            Spain 2015-09-16
## 1918
                            Italy 2015-09-16
## 1919
                             Mali 2015-09-16
## 1920 United States of America 2015-09-16
## 1921
                          Liberia 2015-09-16
## 1922
                    Sierra Leone 2015-09-16
## 1923
                          Nigeria 2015-09-16
## 1924
                    Sierra Leone 2015-09-17
## 1925
                          Liberia 2015-09-17
## 1926
                             Mali 2015-09-17
## 1927
                            Spain 2015-09-17
## 1928
                          Senegal 2015-09-17
## 1929
                           Guinea 2015-09-17
## 1930
                          Liberia 2015-09-17
## 1931 United States of America 2015-09-17
                          Nigeria 2015-09-17
## 1932
## 1933
                  United Kingdom 2015-09-17
                            Italy 2015-09-17
## 1934
## 1935
                          Liberia 2015-09-18
## 1936
                          Senegal 2015-09-18
## 1937
                          Nigeria 2015-09-18
## 1938
                  United Kingdom 2015-09-18
## 1939
                          Liberia 2015-09-18
## 1940
                            Spain 2015-09-18
## 1941
                             Mali 2015-09-18
## 1942 United States of America 2015-09-18
## 1943
                           Guinea 2015-09-18
## 1944
                    Sierra Leone 2015-09-18
```

```
## 1945
                            Italy 2015-09-18
## 1946
                          Liberia 2015-09-21
## 1947
                          Nigeria 2015-09-21
## 1948
                             Mali 2015-09-21
## 1949
                  United Kingdom 2015-09-21
## 1950
                           Guinea 2015-09-21
## 1951
                          Senegal 2015-09-21
## 1952 United States of America 2015-09-21
## 1953
                          Liberia 2015-09-21
## 1954
                            Italy 2015-09-21
## 1955
                    Sierra Leone 2015-09-21
## 1956
                            Spain 2015-09-21
## 1957
                          Nigeria 2015-09-22
## 1958
                            Italy 2015-09-22
## 1959 United States of America 2015-09-22
## 1960
                          Liberia 2015-09-22
## 1961
                            Spain 2015-09-22
## 1962
                    Sierra Leone 2015-09-22
## 1963
                             Mali 2015-09-22
## 1964
                  United Kingdom 2015-09-22
## 1965
                           Guinea 2015-09-22
## 1966
                          Liberia 2015-09-22
## 1967
                          Senegal 2015-09-22
## 1968
                          Nigeria 2015-09-23
                            Spain 2015-09-23
## 1969
## 1970
                  United Kingdom 2015-09-23
## 1971
                     Sierra Leone 2015-09-23
## 1972
                          Liberia 2015-09-23
## 1973
                          Senegal 2015-09-23
## 1974 United States of America 2015-09-23
## 1975
                          Liberia 2015-09-23
## 1976
                             Mali 2015-09-23
## 1977
                            Italy 2015-09-23
## 1978
                           Guinea 2015-09-23
## 1979
                  United Kingdom 2015-09-24
## 1980
                          Nigeria 2015-09-24
## 1981
                           Guinea 2015-09-24
## 1982
                    Sierra Leone 2015-09-24
## 1983
                          Liberia 2015-09-24
## 1984
                            Italy 2015-09-24
## 1985
                          Liberia 2015-09-24
## 1986
                          Senegal 2015-09-24
## 1987 United States of America 2015-09-24
## 1988
                            Spain 2015-09-24
## 1989
                             Mali 2015-09-24
## 1990
                           Guinea 2015-09-25
## 1991 United States of America 2015-09-25
## 1992
                          Senegal 2015-09-25
## 1993
                    Sierra Leone 2015-09-25
## 1994
                          Liberia 2015-09-25
## 1995
                  United Kingdom 2015-09-25
## 1996
                             Mali 2015-09-25
## 1997
                            Italy 2015-09-25
## 1998
                            Spain 2015-09-25
```

```
## 1999
                          Liberia 2015-09-25
## 2000
                          Nigeria 2015-09-25
## 2001
                          Liberia 2015-09-28
## 2002
                            Spain 2015-09-28
## 2003
                    Sierra Leone 2015-09-28
## 2004
                          Liberia 2015-09-28
## 2005 United States of America 2015-09-28
                             Mali 2015-09-28
## 2006
## 2007
                          Senegal 2015-09-28
## 2008
                            Italy 2015-09-28
## 2009
                           Guinea 2015-09-28
## 2010
                          Nigeria 2015-09-28
## 2011
                  United Kingdom 2015-09-28
## 2012
                    Sierra Leone 2015-09-29
## 2013
                          Liberia 2015-09-29
## 2014
                          Liberia 2015-09-29
## 2015 United States of America 2015-09-29
                            Spain 2015-09-29
## 2017
                          Nigeria 2015-09-29
## 2018
                             Mali 2015-09-29
## 2019
                          Senegal 2015-09-29
## 2020
                            Italy 2015-09-29
## 2021
                           Guinea 2015-09-29
## 2022
                  United Kingdom 2015-09-29
## 2023 United States of America 2015-09-30
## 2024
                             Mali 2015-09-30
## 2025
                    Sierra Leone 2015-09-30
## 2026
                          Liberia 2015-09-30
## 2027
                            Italy 2015-09-30
## 2028
                          Nigeria 2015-09-30
## 2029
                          Senegal 2015-09-30
## 2030
                           Guinea 2015-09-30
## 2031
                            Spain 2015-09-30
## 2032
                  United Kingdom 2015-09-30
## 2033
                          Liberia 2015-09-30
## 2034
                          Liberia 2015-10-01
## 2035
                            Italy 2015-10-01
## 2036
                  United Kingdom 2015-10-01
## 2037
                           Guinea 2015-10-01
## 2038
                             Mali 2015-10-01
## 2039 United States of America 2015-10-01
## 2040
                            Spain 2015-10-01
## 2041
                          Liberia 2015-10-01
## 2042
                          Nigeria 2015-10-01
## 2043
                    Sierra Leone 2015-10-01
## 2044
                          Senegal 2015-10-01
## 2045
                          Senegal 2015-10-02
## 2046 United States of America 2015-10-02
## 2047
                          Nigeria 2015-10-02
## 2048
                             Mali 2015-10-02
## 2049
                            Spain 2015-10-02
## 2050
                          Guinea 2015-10-02
## 2051
                            Italy 2015-10-02
## 2052
                          Liberia 2015-10-02
```

```
## 2053
                          Liberia 2015-10-02
## 2054
                  United Kingdom 2015-10-02
## 2055
                     Sierra Leone 2015-10-02
## 2056
                           Guinea 2015-10-05
## 2057 United States of America 2015-10-05
## 2058
                  United Kingdom 2015-10-05
## 2059
                            Italy 2015-10-05
## 2060
                          Liberia 2015-10-05
## 2061
                            Spain 2015-10-05
## 2062
                          Senegal 2015-10-05
## 2063
                    Sierra Leone 2015-10-05
## 2064
                          Liberia 2015-10-05
## 2065
                          Nigeria 2015-10-05
## 2066
                             Mali 2015-10-05
## 2067
                  United Kingdom 2015-10-06
## 2068
                          Liberia 2015-10-06
## 2069
                          Senegal 2015-10-06
## 2070
                            Italy 2015-10-06
                             Mali 2015-10-06
## 2071
## 2072
                            Spain 2015-10-06
## 2073
                     Sierra Leone 2015-10-06
## 2074 United States of America 2015-10-06
## 2075
                           Guinea 2015-10-06
## 2076
                          Nigeria 2015-10-06
## 2077
                          Liberia 2015-10-06
## 2078
                           Guinea 2015-10-07
## 2079
                             Mali 2015-10-07
## 2080
                     Sierra Leone 2015-10-07
## 2081
                          Nigeria 2015-10-07
## 2082
                          Liberia 2015-10-07
## 2083
                            Italy 2015-10-07
## 2084 United States of America 2015-10-07
## 2085
                          Liberia 2015-10-07
## 2086
                  United Kingdom 2015-10-07
## 2087
                            Spain 2015-10-07
## 2088
                          Senegal 2015-10-07
## 2089
                            Italy 2015-10-08
## 2090
                          Liberia 2015-10-08
## 2091
                           Guinea 2015-10-08
## 2092
                          Liberia 2015-10-08
## 2093
                  United Kingdom 2015-10-08
## 2094
                          Senegal 2015-10-08
## 2095
                          Nigeria 2015-10-08
## 2096
                             Mali 2015-10-08
## 2097 United States of America 2015-10-08
## 2098
                     Sierra Leone 2015-10-08
## 2099
                            Spain 2015-10-08
## 2100
                            Spain 2015-10-09
## 2101
                          Nigeria 2015-10-09
## 2102
                     Sierra Leone 2015-10-09
## 2103
                  United Kingdom 2015-10-09
## 2104
                          Liberia 2015-10-09
## 2105
                          Liberia 2015-10-09
## 2106
                          Senegal 2015-10-09
```

```
## 2107 United States of America 2015-10-09
## 2108
                            Italy 2015-10-09
## 2109
                          Guinea 2015-10-09
## 2110
                             Mali 2015-10-09
## 2111
                  United Kingdom 2015-10-13
## 2112
                         Liberia 2015-10-13
## 2113
                            Italy 2015-10-13
## 2114
                    Sierra Leone 2015-10-13
## 2115
                         Liberia 2015-10-13
## 2116
                         Nigeria 2015-10-13
## 2117
                            Spain 2015-10-13
## 2118
                          Guinea 2015-10-13
## 2119
                          Senegal 2015-10-13
## 2120 United States of America 2015-10-13
## 2121
                             Mali 2015-10-13
## 2122
                  United Kingdom 2015-10-15
## 2123
                         Liberia 2015-10-15
## 2124
                          Senegal 2015-10-15
## 2125
                          Guinea 2015-10-15
## 2126
                             Mali 2015-10-15
## 2127
                            Spain 2015-10-15
## 2128
                         Nigeria 2015-10-15
## 2129
                    Sierra Leone 2015-10-15
## 2130
                            Italy 2015-10-15
## 2131
                         Liberia 2015-10-15
## 2132 United States of America 2015-10-15
## 2133 United States of America 2015-10-16
## 2134
                         Liberia 2015-10-16
## 2135
                          Senegal 2015-10-16
## 2136
                            Italy 2015-10-16
## 2137
                          Liberia 2015-10-16
## 2138
                             Mali 2015-10-16
## 2139
                    Sierra Leone 2015-10-16
## 2140
                          Guinea 2015-10-16
## 2141
                         Nigeria 2015-10-16
## 2142
                            Spain 2015-10-16
## 2143
                  United Kingdom 2015-10-16
## 2144
                            Italy 2015-10-20
                          Nigeria 2015-10-20
## 2145
## 2146
                          Senegal 2015-10-20
## 2147 United States of America 2015-10-20
## 2148
                           Guinea 2015-10-20
## 2149
                    Sierra Leone 2015-10-20
## 2150
                  United Kingdom 2015-10-20
## 2151
                            Spain 2015-10-20
## 2152
                         Liberia 2015-10-20
## 2153
                         Liberia 2015-10-20
## 2154
                             Mali 2015-10-20
## 2155
                         Liberia 2015-10-22
## 2156
                            Spain 2015-10-22
## 2157
                            Italy 2015-10-22
## 2158
                         Nigeria 2015-10-22
## 2159
                         Liberia 2015-10-22
## 2160
                    Sierra Leone 2015-10-22
```

```
## 2161
                  United Kingdom 2015-10-22
## 2162
                          Senegal 2015-10-22
## 2163
                           Guinea 2015-10-22
## 2164
                             Mali 2015-10-22
## 2165 United States of America 2015-10-22
## 2166
                             Mali 2015-10-23
## 2167
                          Nigeria 2015-10-23
## 2168
                          Senegal 2015-10-23
                  United Kingdom 2015-10-23
## 2169
## 2170
                           Guinea 2015-10-23
## 2171
                            Spain 2015-10-23
## 2172
                          Liberia 2015-10-23
## 2173 United States of America 2015-10-23
## 2174
                          Liberia 2015-10-23
## 2175
                    Sierra Leone 2015-10-23
## 2176
                            Italy 2015-10-23
## 2177
                    Sierra Leone 2015-10-26
## 2178
                           Guinea 2015-10-26
## 2179
                            Italy 2015-10-26
## 2180
                  United Kingdom 2015-10-26
## 2181 United States of America 2015-10-26
## 2182
                          Senegal 2015-10-26
## 2183
                            Spain 2015-10-26
## 2184
                          Liberia 2015-10-26
## 2185
                          Nigeria 2015-10-26
## 2186
                             Mali 2015-10-26
## 2187
                          Liberia 2015-10-26
## 2188
                          Liberia 2015-10-27
## 2189
                             Mali 2015-10-27
## 2190
                           Guinea 2015-10-27
## 2191
                  United Kingdom 2015-10-27
## 2192
                    Sierra Leone 2015-10-27
## 2193
                            Spain 2015-10-27
## 2194
                          Senegal 2015-10-27
## 2195
                            Italy 2015-10-27
## 2196
                          Nigeria 2015-10-27
## 2197 United States of America 2015-10-27
## 2198
                          Liberia 2015-10-27
## 2199
                    Sierra Leone 2015-10-29
## 2200
                          Nigeria 2015-10-29
## 2201
                           Guinea 2015-10-29
## 2202
                          Liberia 2015-10-29
## 2203
                            Italy 2015-10-29
## 2204
                  United Kingdom 2015-10-29
## 2205 United States of America 2015-10-29
## 2206
                             Mali 2015-10-29
## 2207
                          Senegal 2015-10-29
## 2208
                            Spain 2015-10-29
## 2209
                          Liberia 2015-10-29
## 2210
                          Senegal 2015-10-30
## 2211
                  United Kingdom 2015-10-30
## 2212
                          Nigeria 2015-10-30
## 2213
                            Italy 2015-10-30
## 2214
                            Spain 2015-10-30
```

```
## 2215
                    Sierra Leone 2015-10-30
## 2216
                          Liberia 2015-10-30
## 2217
                          Liberia 2015-10-30
## 2218 United States of America 2015-10-30
## 2219
                             Mali 2015-10-30
## 2220
                          Guinea 2015-10-30
## 2221
                          Nigeria 2015-11-03
## 2222
                    Sierra Leone 2015-11-03
## 2223
                          Liberia 2015-11-03
## 2224 United States of America 2015-11-03
                             Mali 2015-11-03
## 2226
                           Guinea 2015-11-03
## 2227
                  United Kingdom 2015-11-03
## 2228
                          Liberia 2015-11-03
## 2229
                            Spain 2015-11-03
## 2230
                          Senegal 2015-11-03
## 2231
                            Italy 2015-11-03
## 2232
                          Nigeria 2015-11-05
## 2233
                  United Kingdom 2015-11-05
## 2234
                             Mali 2015-11-05
## 2235
                          Senegal 2015-11-05
## 2236
                          Liberia 2015-11-05
## 2237
                    Sierra Leone 2015-11-05
## 2238
                            Italy 2015-11-05
## 2239
                            Spain 2015-11-05
## 2240
                          Liberia 2015-11-05
## 2241 United States of America 2015-11-05
                           Guinea 2015-11-05
## 2242
## 2243
                            Italy 2015-11-06
## 2244
                  United Kingdom 2015-11-06
## 2245
                          Liberia 2015-11-06
## 2246
                    Sierra Leone 2015-11-06
## 2247 United States of America 2015-11-06
## 2248
                          Liberia 2015-11-06
## 2249
                          Senegal 2015-11-06
## 2250
                           Guinea 2015-11-06
## 2251
                            Mali 2015-11-06
## 2252
                            Spain 2015-11-06
## 2253
                          Nigeria 2015-11-06
## 2254 United States of America 2015-11-10
                          Nigeria 2015-11-10
## 2255
## 2256
                           Guinea 2015-11-10
## 2257
                            Italy 2015-11-10
## 2258
                            Spain 2015-11-10
## 2259
                          Liberia 2015-11-10
## 2260
                          Senegal 2015-11-10
## 2261
                  United Kingdom 2015-11-10
## 2262
                             Mali 2015-11-10
                    Sierra Leone 2015-11-10
## 2263
## 2264
                          Liberia 2015-11-10
## 2265
                            Italy 2015-11-11
## 2266
                           Guinea 2015-11-11
## 2267
                  United Kingdom 2015-11-11
## 2268
                          Liberia 2015-11-11
```

```
## 2269
                    Sierra Leone 2015-11-11
## 2270
                             Mali 2015-11-11
## 2271 United States of America 2015-11-11
                            Spain 2015-11-11
## 2273
                         Liberia 2015-11-11
## 2274
                         Nigeria 2015-11-11
## 2275
                          Senegal 2015-11-11
## 2276 United States of America 2015-11-12
## 2277
                         Liberia 2015-11-12
## 2278
                          Senegal 2015-11-12
## 2279
                    Sierra Leone 2015-11-12
## 2280
                            Spain 2015-11-12
## 2281
                             Mali 2015-11-12
## 2282
                         Liberia 2015-11-12
## 2283
                         Nigeria 2015-11-12
## 2284
                            Italy 2015-11-12
## 2285
                  United Kingdom 2015-11-12
## 2286
                          Guinea 2015-11-12
## 2287
                            Mali 2015-11-16
## 2288 United States of America 2015-11-16
## 2289
                         Liberia 2015-11-16
## 2290
                    Sierra Leone 2015-11-16
## 2291
                         Senegal 2015-11-16
## 2292
                         Liberia 2015-11-16
## 2293
                         Nigeria 2015-11-16
## 2294
                          Guinea 2015-11-16
## 2295
                            Spain 2015-11-16
## 2296
                            Italy 2015-11-16
## 2297
                  United Kingdom 2015-11-16
## 2298
                  United Kingdom 2015-11-17
## 2299 United States of America 2015-11-17
## 2300
                            Italy 2015-11-17
## 2301
                         Liberia 2015-11-17
## 2302
                          Guinea 2015-11-17
## 2303
                    Sierra Leone 2015-11-17
## 2304
                         Senegal 2015-11-17
## 2305
                         Liberia 2015-11-17
## 2306
                         Nigeria 2015-11-17
## 2307
                            Mali 2015-11-17
## 2308
                            Spain 2015-11-17
## 2309
                         Liberia 2015-11-20
## 2310
                         Senegal 2015-11-20
                          Guinea 2015-11-20
## 2311
## 2312
                         Liberia 2015-11-20
## 2313
                    Sierra Leone 2015-11-20
## 2314
                            Spain 2015-11-20
## 2315 United States of America 2015-11-20
## 2316
                             Mali 2015-11-20
## 2317
                  United Kingdom 2015-11-20
## 2318
                         Nigeria 2015-11-20
## 2319
                            Italy 2015-11-20
## 2320 United States of America 2015-11-24
## 2321
                             Mali 2015-11-24
## 2322
                         Liberia 2015-11-24
```

```
## 2323
                          Nigeria 2015-11-24
## 2324
                          Senegal 2015-11-24
## 2325
                     Sierra Leone 2015-11-24
## 2326
                  United Kingdom 2015-11-24
## 2327
                           Guinea 2015-11-24
## 2328
                            Italy 2015-11-24
## 2329
                            Spain 2015-11-24
## 2330
                          Liberia 2015-11-24
## 2331 United States of America 2015-11-26
## 2332
                            Italy 2015-11-26
## 2333
                           Guinea 2015-11-26
## 2334
                  United Kingdom 2015-11-26
## 2335
                          Liberia 2015-11-26
## 2336
                            Spain 2015-11-26
## 2337
                          Liberia 2015-11-26
## 2338
                          Senegal 2015-11-26
## 2339
                          Nigeria 2015-11-26
## 2340
                             Mali 2015-11-26
## 2341
                     Sierra Leone 2015-11-26
## 2342
                          Nigeria 2015-12-01
## 2343
                            Italy 2015-12-01
## 2344
                           Guinea 2015-12-01
## 2345
                          Liberia 2015-12-01
                            Spain 2015-12-01
## 2346
## 2347 United States of America 2015-12-01
## 2348
                          Liberia 2015-12-01
## 2349
                     Sierra Leone 2015-12-01
## 2350
                          Senegal 2015-12-01
## 2351
                             Mali 2015-12-01
## 2352
                  United Kingdom 2015-12-01
## 2353
                           Guinea 2015-12-02
## 2354
                  United Kingdom 2015-12-02
## 2355 United States of America 2015-12-02
## 2356
                          Liberia 2015-12-02
## 2357
                            Spain 2015-12-02
## 2358
                          Liberia 2015-12-02
## 2359
                     Sierra Leone 2015-12-02
                          Senegal 2015-12-02
## 2360
## 2361
                             Mali 2015-12-02
## 2362
                          Nigeria 2015-12-02
## 2363
                            Italy 2015-12-02
## 2364
                           Guinea 2015-12-03
                          Liberia 2015-12-03
## 2365
## 2366
                            Italy 2015-12-03
## 2367
                          Liberia 2015-12-03
                             Mali 2015-12-03
## 2368
## 2369 United States of America 2015-12-03
## 2370
                  United Kingdom 2015-12-03
## 2371
                            Spain 2015-12-03
## 2372
                          Nigeria 2015-12-03
## 2373
                     Sierra Leone 2015-12-03
## 2374
                          Senegal 2015-12-03
## 2375
                           Guinea 2015-12-09
## 2376
                  United Kingdom 2015-12-09
```

```
## 2377
                            Spain 2015-12-09
## 2378
                            Italy 2015-12-09
## 2379
                          Liberia 2015-12-09
## 2380
                          Senegal 2015-12-09
## 2381 United States of America 2015-12-09
## 2382
                          Liberia 2015-12-09
## 2383
                             Mali 2015-12-09
## 2384
                    Sierra Leone 2015-12-09
## 2385
                          Nigeria 2015-12-09
## 2386
                            Italy 2015-12-10
## 2387
                            Spain 2015-12-10
## 2388
                          Nigeria 2015-12-10
## 2389
                          Liberia 2015-12-10
## 2390
                           Guinea 2015-12-10
## 2391
                  United Kingdom 2015-12-10
## 2392 United States of America 2015-12-10
## 2393
                             Mali 2015-12-10
## 2394
                          Liberia 2015-12-10
## 2395
                          Senegal 2015-12-10
## 2396
                    Sierra Leone 2015-12-10
## 2397
                            Spain 2015-12-11
## 2398 United States of America 2015-12-11
## 2399
                          Nigeria 2015-12-11
## 2400
                          Senegal 2015-12-11
## 2401
                           Guinea 2015-12-11
## 2402
                             Mali 2015-12-11
## 2403
                  United Kingdom 2015-12-11
                          Liberia 2015-12-11
## 2404
## 2405
                            Italy 2015-12-11
## 2406
                    Sierra Leone 2015-12-11
## 2407
                          Liberia 2015-12-11
## 2408
                    Sierra Leone 2015-12-15
## 2409 United States of America 2015-12-15
## 2410
                             Mali 2015-12-15
## 2411
                            Spain 2015-12-15
## 2412
                            Italy 2015-12-15
## 2413
                           Guinea 2015-12-15
## 2414
                          Senegal 2015-12-15
## 2415
                          Nigeria 2015-12-15
## 2416
                          Liberia 2015-12-15
## 2417
                  United Kingdom 2015-12-15
## 2418
                          Liberia 2015-12-15
                            Spain 2015-12-16
## 2419
## 2420
                             Mali 2015-12-16
## 2421
                           Guinea 2015-12-16
## 2422
                  United Kingdom 2015-12-16
## 2423
                            Italy 2015-12-16
## 2424 United States of America 2015-12-16
## 2425
                          Nigeria 2015-12-16
## 2426
                          Senegal 2015-12-16
## 2427
                          Liberia 2015-12-16
## 2428
                    Sierra Leone 2015-12-16
## 2429
                         Liberia 2015-12-16
## 2430
                         Liberia 2015-12-17
```

```
## 2431
                          Nigeria 2015-12-17
## 2432
                            Spain 2015-12-17
## 2433
                          Liberia 2015-12-17
## 2434
                             Mali 2015-12-17
## 2435
                  United Kingdom 2015-12-17
## 2436
                    Sierra Leone 2015-12-17
## 2437
                           Guinea 2015-12-17
## 2438
                            Italy 2015-12-17
## 2439
                          Senegal 2015-12-17
## 2440 United States of America 2015-12-17
                          Nigeria 2015-12-22
## 2442
                           Guinea 2015-12-22
## 2443
                          Senegal 2015-12-22
## 2444
                          Liberia 2015-12-22
## 2445
                            Spain 2015-12-22
## 2446
                             Mali 2015-12-22
## 2447
                    Sierra Leone 2015-12-22
## 2448
                  United Kingdom 2015-12-22
## 2449
                            Italy 2015-12-22
## 2450 United States of America 2015-12-22
## 2451
                          Liberia 2015-12-22
## 2452
                  United Kingdom 2015-12-23
## 2453
                            Italy 2015-12-23
## 2454
                           Guinea 2015-12-23
## 2455
                          Senegal 2015-12-23
## 2456
                          Liberia 2015-12-23
## 2457
                            Spain 2015-12-23
                             Mali 2015-12-23
## 2458
## 2459
                    Sierra Leone 2015-12-23
## 2460
                          Liberia 2015-12-23
## 2461
                          Nigeria 2015-12-23
## 2462 United States of America 2015-12-23
## 2463
                  United Kingdom 2015-12-29
## 2464
                            Italy 2015-12-29
## 2465
                            Spain 2015-12-29
## 2466
                          Liberia 2015-12-29
## 2467
                          Liberia 2015-12-29
## 2468
                    Sierra Leone 2015-12-29
## 2469
                             Mali 2015-12-29
## 2470
                           Guinea 2015-12-29
## 2471 United States of America 2015-12-29
## 2472
                          Nigeria 2015-12-29
## 2473
                          Senegal 2015-12-29
## 2474
                           Guinea 2016-03-23
## 2475
                            Spain 2016-03-23
## 2476
                    Sierra Leone 2016-03-23
## 2477
                          Senegal 2016-03-23
## 2478
                             Mali 2016-03-23
## 2479
                  United Kingdom 2016-03-23
## 2480
                          Liberia 2016-03-23
## 2481
                          Liberia 2016-03-23
## 2482
                            Italy 2016-03-23
## 2483
                         Liberia 2016-03-23
## 2484
                          Nigeria 2016-03-23
```

##	2485	United States of America 2016-03-23
##		${\tt Cumulative.noof.confirmedprobable.and.suspected.deaths}$
##		430
##		7
##		422
##		694
## ##		491 8
##		1089
##		517
##		0
##	10	0
##	11	555
	12	509
	13	1224
	14	8
	15	557
## ##	16	524 8
	18	1137
	19	0
##		0
##		562
##	22	595
##	23	8
##		1296
##		8
##		601
##		562
## ##		1459
##		0 8
##		593
##		1578
##	33	0
##	34	632
##		1677
##		635
##		8
## ##		0 597
##		605
##		1830
##		0
##	43	648
##	44	8
##		710
##		0
##		8
##		622
##		1998
## ##		0 8
##		739
σ π	02	133

##	53	2069
##	54	623
##	55	0
##	56	8
##	57	0
##	58	0
##	59	768
##	60	879
##	61	2210
##	62	0
##	63	0
##	64	2316
##	65	8
##	66	0
##	67	778
##	68	930
##	69	1
	70	0
##	71	8
##	72	2458
	73	0
##	74	843
##	75	1183
##	76	862
##	77	8
	78	0
	79	0
##		1
##		2484
##		1200
##		8
##		0
##		1
##		1259
##		0
	88	2705
##		904
##		1
##		1
##		1281
##		0
##		0
##		8
##		926
##		2705
##		2413
##		1
	100	8
	101	0
	102	0
	103	997
	104	1
	105	1500
##	106	1018

	107	8
##	108	0
##	109	1
##	110	0
##	111	1
	112	2413
	113	1510
	114	0
	115	1
##	116	1041
##	117	2697
##	118	1
##	119	8
##	120	0
##	121	1070
##	122	8
##	123	1054
##	124	1
##	125	0
	126	2766
	127	0
	128	1
	129	1130
	130	0
	131	1
	132	4
	133	8
	134	1142
	135	1169
	136	2836
	137	0
	138	0
##	139	1166
##	140	0
##	141	8
##	142	3
	143	1
	144	2812
	145	1187
	146	2964
	147	0
	148	1250
	149	0
	150	8
	151	5
	152	1
	153	1192
	154	0
	155	2963
	156	8
	157	1
	158	1267
##	159	6
##	160	0

##	161	1214
##	162	1398
##	163	3016
##	164	6
##	165	1
##	166	0
##	167	8
##	168	1260
##	169	0
##	170	0
##	171	6
##	172	0
##	173	1530
		3145
##	174	
##	175	8
##	176	1312
##	177	1
##	178	6
##	179	0
##	180	1327
##	181	0
##	182	1583
##	183	3145
##	184	1
##	185	8
##	186	0
##	187	1428
##	188	0
##	189	6
##	190	3177
##	191	1768
##	192	8
##	193	1
##	194	0
	195	8
##	196	1518
	197	1
	198	6
	199	3290
	200	0
	201	2033
	202	8
	203	0
	204	0
	205	3290
	206	6
	207	1
	208	1525
	209	2085
	210	0
	211	1
	212	8
	213	0
##	214	1586

	215	3376
	216	6
##	217	2556
##	218	2582
##	219	6
##	220	0
##	221	3376
##	222	0
##	223	1607
##	224	8
##	225	1
##	226	8
##	227	0
##	228	1607
##	229	2582
##	230	0
##	231	6
##	232	3384
##	233	1
##	234	0
##	235	6
##	236	2655
##	237	1
##	238	8
##	239	1654
##	240	3384
##	241	0
##	242	1
##	243	2732
##	244	8
##	245	6
##	246	3413
##	247	1697
##	248	0
##	249	0
##	250	1
##	251	2758
##	252	6
##	253	3413
##	254	1708
##	255	0
##	256	0
##	257	8
##	258	0
##	259	0
##	260	3423
	261	2758
	262	6
	263	8
	264	1
	265	1709
	266	8
	267	0
	268	1
		_

	269	0
	270	0
	271	3423
	272	2827
	273	6
	274	1739
	275	2915
	276	3471
	277	0
	278	8
	279	0
	280	1767
	281	1
	282	6
	283	0
	284	0
	285	1781
	286	2943
	287	3496
	288	0
	289	1
	290	0
	291	8
	292	6
	293	0
	294	1781
	295	0
	296	8
	297	0
	298	6
	299	1
	300	2943
	301	3496
	302	0
	303	6
	304	1786
##	305	2977
	306	3496
	307	6
	308	1797
	309	0
	310	2977
	311	3515
	312	3515
	313	0
	314	3049
	315	6
	316	1807
	317	0
	318	6
	319	1807
	320	3515
	321	3049
##	322	3538

##	323	1
##	324	0
##	325	1814
##	326	0
	327	8
	328	3062
	329	6
	330	0
	331	3067
		3556
	332	
	333	1
	334	6
	335	0
	336	1821
##	337	0
##	338	8
##	339	0
##	340	0
##	341	8
##	342	1829
##	343	6
	344	0
	345	3556
	346	1
	347	3083
	348	0
		8
	349	
	350	3587
	351	0
	352	0
	353	1875
	354	3132
##	355	0
##	356	1
##	357	6
##	358	0
##	359	0
	360	0
	361	8
	362	3605
	363	1876
	364	6
	365	1
	366	3145
		3145
	367	
	368	3005
	369	3605
	370	0
	371	6
	372	0
	373	1
	374	1876
##	375	0
##	376	3636

##	377	0
	378	1
##	379	8
##	380	3153
	381	6
	382	1879
	383	0
	384	0
##	385	3159
##	386	6
##	387	3636
##	388	0
##	389	1880
##	390	0
##	391	8
##	392	1
##	393	0
##	394	0
	395	3195
##	396	8
	397	1
	398	1906
	399	0
	400	6
	401	3636
	402	0
	403	6
	404	3686
	405	1
	406	0
	407	8
	408	0
	409	3199
	410	0
	411	1910
	412	0
	413	3686
	414	1
	415	3199
	416	0
	417	0
	418	6
	419	8
	420	1910
	421	6
	422	8
	423	0
	424	3700
	425	1
	426	0
	427	3207
	427	1911
	428	
		0
##	430	0

##	431	3700
##	432	3216
##	433	0
##	434	0
##	435	1
##	436	1913
##	437	8
##	438	6
##	439	3710
	440	3274
	441	1
	442	8
	443	0
	444	1937
	445	6
	446	0
	447	0
	448	1944
	449	6
	450	0
	451	3739
	452	8
	453	0
	454	0
	455	3276
	456	1
	457	3276
	458	6
	459	3746
	460	1944
	461 462	0
	463	0
	464	8
	465	1
	466	0
	467	1
	468	6
	469	1947
	470	3286
	471	8
	472	3746
	473	0
	474	0
	475	8
	476	6
	477	0
	478	0
	479	3301
	480	3746
	481	1
	482	0
	483	1957
	484	1995

##	485	0
##	486	6
	487	1
	488	3826
	489	0
	490	3341
	491	0
	492	8
	493	1
	494	8
##	495	3341
##	496	1995
##	497	0
##	498	3826
##	499	6
	500	0
	501	0
	502	2018
	503	3350
	504	3826
	505	8
	506	0
	507	6
	508	0
	509	0
	510	1
	511	3363
##	512	0
##	513	0
##	514	6
##	515	2032
##	516	0
	517	1
	518	3858
	519	8
	520	3900
	521	1
	522	6
	523	0
	524	2052
	525	0
	526	0
	527	3401
	528	8
	529	8
##	530	3900
##	531	1
	532	2057
	533	3408
	534	0
	535	6
	536	0
	537	0
##	538	3408

##	539	0
##	540	8
##	541	0
##	542	6
##	543	3900
##	544	0
	545	2057
	546	1
	547	8
	548	1
##	549	3947
	550	0
	551	3423
	552	0
	553	6
	554	2067
##		0
	556	0
##		3947
##	558	2072
##		1
##		8
##		3423
##		6
##		0
##	564	0
##	565	4032
##	566	0
##	567	0
##	568	0
##	569	6
##	570	3423
##	571	8
##	572	2086
##	573	1
##	574	0
##	575	3461
##	576	4037
##	577	8
##	578	6
##	579	1
##	580	2091
##	581	0
##	582	0
##	583	6
##	584	0
##	585	2101
##	586	3479
##	587	0
##	588	1
##		4057
	590	8
	591	0
	592	3490

##	593	6
##	594	8
##	595	1
##		2113
##		0
##		0
	599	0
##		4057
##	601	2127
##	602	0
##	603	3530
##	604	0
##	605	8
##	606	6
	607	4057
##	608	
##		1
##	609	0
##		4057
	611	8
	612	0
	613	1
	614	6
	615	0
	616	3530
	617	2127
	618	0
	619	8
##	620	0
##	621	2141
##	622	0
##	623	4117
##	624	0
##	625	6
##	626	3565
##	627	1
##	628	1
##	629	6
##	630	8
##	631	4117
##	632	3576
##	633	2147
##	634	0
##	635	0
##	636	0
##	637	2170
##	638	6
##		3629
##		0
##	641	1
##		0
	643	4162
	644	0
##	645	8
	646	2170
it tt	U 10	2110

	0.47	4
	647	1
	648	0
	649	6
	650	0
	651	8
	652	4162
	653	0
##	654	3629
##	655	8
##	656	0
##	657	0
##	658	1
##	659	3655
##	660	4162
##	661	2187
##	662	0
##	663	6
##	664	0
##	665	4241
##	666	3663
##	667	1
##	668	2192
	669	0
	670	8
	671	0
	672	6
	673	6
	674	2216
	675	3687
	676	0
	677	8
	678	0
	679	1
	680	4241
	681	0
	682	2224
	683	6
	684	8
	685	0
	686	3691
	687	4264
	688	0
	689	0
	690	1
	691	4264
	692	3691
	693	0
	694	2224
	695	0
	696	8
	697	0
	698	6
	699	1
	700	0
πт	100	· ·

##	701	2241
##	702	3712
##	703	1
##	704	8
	705	0
	706	0
	707	6
	708	4283
	709	1
	710	0
	711	4296
	712	6
	713	3742
	714	0
	715	2261
	716	0
	717	8
	718	0
##	719	3747
##	720	2263
##	721	0
##	722	8
##	723	6
##	724	0
##	725	1
	726	4301
	727	0
##	728	4301
	729	0
	730	6
	731	3747
	732	0
	733	2263
	734	8
	735	1
	736	0
	737	2273
	738	0
	739	3764
	740	4301
	741	6
	742	8
	743	0
	744	1
	745	4301
	746	0
	747	6
##	748	8
##	749	0
##	750	0
	751	1
	752	2276
	753	3773
	754	0
	. • -	v

##	755	6
##	756	0
##	757	8
##	758	2333
	759	0
	760	4408
	761	1
	762	3832
	763	4408
##	764	0
##	765	1
##	766	6
##	767	0
##	768	0
##	769	8
##	770	2335
##	771	3841
##	772	3854
##	773	0
##	774	4408
##	775	6
##	776	1
##	777	8
##	778	0
##	779	0
##	780	2342
##	781	3857
##	782	0
##	783	1
##	784	8
##	785	6
##	786	2346
##	787	4408
##	788	0
##	789	0
##	790	6
	791	3857
	792	4486
##	793	0
##	794	2346
##	795	1
##	796	0
##	797	8
##	798	0
##	799	0
##	800	1
	801	6
	802	3865
	803	8
##		0
	805	0
	806	4486
	807	2348
##	808	2351

##	809	8
	810	1
	811	0
	812	0
	813	4486
	814	0
	815	6
	816	3865
	817	0
	818	6
	819	3872
	820	0
	821	2357
	822	4486
	823	8
	824	0
	825	1
	826	0
	827	4486
	828	8
	829	6
	830	0
	831	1
	832	2358
	833	0
	834	3877
	835	0
	836	0
	837	3877
	838	6
##	839	1
##	840	2358
##	841	0
##	842	4573
##	843	8
##	844	6
##	845	0
##	846	4573
##	847	2362
##	848	8
##	849	0
##	850	3885
##	851	1
##	852	0
##	853	0
##	854	0
##	855	6
##	856	8
##	857	1
##	858	4573
##	859	2365
##	860	3886
##	861	0
##	862	0

	000	
	863	0
	864	6
	865	4573
	866	8
	867	1
	868	3895
	869	2374
	870	0
	871	3899
	872	8
##	873	2377
##	874	0
##	875	0
##	876	0
##	877	1
##	878	4608
##	879	6
##	880	0
##	881	2381
##	882	1
##	883	0
##	884	0
##	885	8
##	886	6
##	887	3901
##	888	4608
##	889	3901
##	890	6
##	891	8
##	892	1
##	893	2383
##	894	0
##	895	4608
##	896	0
##	897	0
##	898	0
##	899	3902
##	900	4608
##	901	6
##	902	8
##	903	1
##	904	0
##	905	0
##	906	2385
##	907	6
##	908	0
##	909	4691
##	910	1
##	911	8
##	912	3903
	913	0
	914	0
##	915	2386
##	916	2386

##	917	4716
##	918	0
##	919	8
##	920	6
##	921	1
	922	3903
	923	0
	924	0
	925	4716
	926	0
	927	6
	928	3904
	929	1
	930	0
	931	0
	932	2387
	933	8
	934	0
	935	0
	936	3904
	937	1
	938	8
	939	4716
	940	0
	941	6
	942	2387
	943	0
	944	2391
	945	0
	946	1
	947	0
	948	6
	949	4769
	950	8
	951	3904
	952	0
	953	6
	954	4769
	955	1
	956	0
	957	3904
	958	8
	959	2392
	960	0
	961	3904
	962	0
	963	0
	964	8
	965	0
	966	4769
	967	
	967 968	6 2391
	969	1
##	970	8

	971	0
	972	4769
	973	1
	974	6
	975	2399
	976	0
	977	0
	978	3904
	979	0
	980	6
	981	2401
	982	3904
	983	8
##	984	0
##	985	0
##	986	0
##	987	1
	988	0
##	989	4769
##	990	8
##	991	0
##	992	3906
##	993	0
##	994	4806
##	995	0
##	996	0
##	997	6
##	998	1
##	999	2405
##	1000	6
##	1001	0
##	1002	2407
##	1003	3907
##	1004	0
##	1005	8
##	1006	0
##	1007	1
##	1008	4806
##	1009	0
##	1010	0
##	1011	0
##	1012	3907
##	1013	0
##	1014	8
##	1015	0
##	1016	2407
##	1017	6
##	1018	4806
##	1019	1
##	1020	4806
##	1021	0
	1022	0
##	1023	3907
	1024	8
π		0

	1025	0
##	1026	6
##	1027	0
##	1028	2409
##	1029	1
##	1030	0
##	1031	6
##	1032	4806
##	1033	0
##	1034	1
##	1035	3907
##	1036	2412
##	1037	8
##	1038	0
##	1039	0
##	1040	8
##	1041	0
##	1042	0
##	1043	1
##	1044	6
##	1045	0
##	1046	0
##	1047	4806
##	1048	2418
##	1049	3908
##	1050	8
##	1051	0
##	1052	2420
##	1053	6
##	1054	0
##	1055	0
##	1056	3908
##	1057	0
##	1058	4806
##	1059	1
##	1060	6
##	1061	0
##	1062	2420
##	1063	8
##	1064	3908
##	1065	1
##	1066	4806
##	1067	0
##	1068	0
##	1069	0
##	1070	0
##	1071	6
##	1072	1
##	1073	4806
##	1074	0
##	1075	0
	1076	8
##	1077	2423
	1078	0
ıτπ	1010	U

	1079	3911
	1080	2425
	1081	0
	1082	4806
##	1083	1
##	1084	0
##	1085	3911
##	1086	8
##	1087	0
##	1088	0
##	1089	6
##	1090	0
##	1091	1
##	1092	3911
##	1093	8
##	1094	0
##	1095	0
##	1096	0
##	1097	2428
##	1098	4806
##	1099	6
##	1100	3912
##	1101	8
##	1102	0
##	1103	2429
##	1104	6
##	1105	1
##	1106	4806
##	1107	0
##	1108	0
##	1109	0
##	1110	1
##	1111	0
##	1112	0
	1113	8
##	1114	3912
##	1115	0
	1116	2429
##	1117	0
	1118	6
##	1119	4806
	1120	2431
	1121	3912
	1122	1
	1123	0
	1124	6
	1125	0
	1126	4806
	1127	8
	1128	0
	1129	0
	1130	0
	1131	2431
##	1132	0

	1133	1
##	1134	0
##	1135	0
##	1136	4806
##	1137	8
##	1138	6
##	1139	3912
##	1140	0
##	1141	8
##	1142	3913
##	1143	1
##	1144	0
##	1145	2435
##	1146	4806
##	1147	0
##	1148	6
##	1149	0
##	1150	3915
##	1151	0 4806
## ##	1152 1153	1
##	1154	0
##	1155	2437
##	1156	6
##	1157	8
##	1158	0
##	1159	0
##	1160	6
##	1161	0
##	1162	0
##	1163	0
##	1164	0
##	1165	1
##	1166	4806
##	1167	2437
##	1168	8
##	1169	3915
##	1170	0
##	1171	1
##	1172	2440
##	1173	0
##	1174	6
##	1175	8
##	1176	0
##	1177	4806
##	1178	0
##	1179	3917
##	1180	4806
##	1181	2440
##	1182	8
##	1183	6
##	1184	0
##	1185	1
##	1186	3917

	1187	0
##	1188	0
##	1189	0
##	1190	0
##	1191	1
##	1192	6
##	1193	2443
##	1194	4806
##	1195	0
##	1196	3919
##	1197	8
##	1198	0
##	1199	0
##	1200	2444
##	1201	4806
##	1202	6
##	1203	0
##	1204	3919
##	1205	1
##	1206	0
##	1207	0
##	1208	8
##	1209	0
##	1210	1
##	1211	3919
##	1212	8
##	1213	0
##	1214	0
##	1215	0
##	1216	0
##	1217	6
##	1218	2444
##	1219	4806
##	1220	3922
##	1221	4806
##	1222	1
##	1223	0
##	1224	0
##	1225	0
##	1226	0
##	1227	8
##	1228	2445
##	1229	6
##	1230	6
##	1231	3926
##	1232	8
##	1233	0
##	1234	1
##	1235	0
##	1236	0
	1237	0
##	1238	4806
##	1239	2446
##	1240	4806

##	1241	0
##	1242	0
##	1243	0
##	1244	2456
##	1245	3928
##	1246	6
##	1247	1
##	1248	8
##	1249	0
##	1250	0
##	1251	3928
##	1252	4806
##	1253	0
##	1254	8
##	1255	0
##	1256	1
##	1257	0
##	1258	6
##	1259	2473
##	1260	1
##	1261	3928
##	1262	0
	1263	0
	1264	2473
##	1265	4806
	1266	6
##	1267	0
##	1268	8
##	1269	0
##	1270	8
##	1271	3931
##	1272	0
##	1273	6
	1274	0
	1275	0
##	1276	4806
##	1277	1
##	1278	2480
##	1279	0
##	1280	2480
##	1281	0
##	1282	0
	1283	0
	1284	3931
	1285	4806
	1286	0
	1287	6
	1288	8
	1289	1
	1290	0
	1291	0
	1292	8
	1293	2482
	1294	3932
		3002

##	1295	6
##	1296	0
##	1297	4806
	1298	1
	1299	0
	1300	0
	1301	6
	1302	4806
	1303	3932
	1304	0
	1305	0
##	1306	2482
##	1307	0
	1308	8
##		1
	1309 1310	3932
	1311	0
	1312 1313	0
		2482
	1314	
	1315	0 4806
	1316	
	1317	1
	1318	8
	1319	6
	1320	0
	1321	0
		4806
	1323	2490
	1324	1
		0
		8
		6
		3933
	1329	0
	1330	4806
	1331	0
	1332	8
	1333	0
	1334	1
	1335	2492
	1336	0
	1337	5
	1338	0
	1339	6
	1340	3935
	1341	0
	1342	0
	1343	2498
	1344	1
	1345	1
	1346	8
	1347	6
##	1348	3940

	1010	^
	1349	0
	1350	4806
##	1351	0
##	1352	0
##	1353	0
##	1354	1
##	1355	8
	1356	1
##		
	1357	3940
	1358	0
##	1359	4806
##	1360	2499
##	1361	6
##	1362	0
##	1363	8
##	1364	1
##		1
	1365	
##	1366	0
	1367	3940
	1368	6
##	1369	0
##	1370	2499
##	1371	0
##	1372	0
##	1373	4806
	1374	4806
##	1375	0
##	1376	8
##	1377	1
##	1378	0
##	1379	1
##	1380	0
##	1381	3941
##	1382	2505
##	1383	6
##	1384	0
##	1385	0
##	1386	6
##	1387	3941
##	1388	8
##	1389	0
##	1390	2505
	1391	1
	1392	0
	1393	1
##	1394	0
##	1395	4806
	1396	8
	1397	4806
	1398	0
	1399	1
	1400	0
	1401	6
##	1402	0

##	1402	1
##	1403 1404	1 2506
##	1405	0
	1406	3946
##		0
##	1407	
##	1408	0
##	1409	2
##	1410	2506
##	1411	0
##	1412	4806
##	1413	6
##	1414	0
##	1415	1
##	1416	3947
##	1417	8
##	1418	0
##	1419	8
##	1420	0
##	1421	0
##	1422	1
##	1423	2506
##	1424	4806
##	1425	2
##	1426	6
##	1427	3947
##	1428	0
##	1429	6
##	1430	0
##	1431	2506
##	1432	4806
##	1433	0
##	1434	0
##	1435	0
##	1436	1
##	1437	2
##	1438	3947
	1439	8
	1440	1
	1441	4806
	1442	0
	1443	2509
	1444	0
	1445	8
##	1446	2
##	1447	6
	1448	0
	1449	0
##	1450	3947
##	1451	8
##	1452	4806
##	1453	0
##	1454	2511
##	1455	0
##	1456	1

	1457	2
##	1458	0
##	1459	3949
##	1460	6
##	1461	0
##	1462	2
##	1463	2512
##	1464	1
##	1465	3949
##	1466	0
##	1467	0
##	1468	4806
##	1469	0
##	1470	6
##	1471	8
##	1472	0
##	1473	3949
##	1474	0
##	1475	2512
##	1476	8
##	1477	0
##	1478	2
##	1479	0
##	1480	1
##	1481	4806
##	1482	6
##	1483	0
##	1484	1
##	1485	0
##	1486	3949
##	1487	2516
##	1488	4806
##	1489	0
##	1490	8
##	1491	6
##	1492	0
	1493	2
##	1494	0
##	1495	1
##	1496	2
##	1497	6
##	1498	4806
##	1499	3949
##	1500	0
##	1501	0
##	1502	2517
##	1503	8
##	1504	0
##	1505	0
##	1506	0
##	1507	6
	1508	0
##	1509	8
##	1510	4806

	1511	1
##	1512	2519
##	1513	0
##	1514	0
##	1515	2
	1516	3951
	1517	1
	1518	0
	1519	6
	1520	0
	1521	3951
	1522	2520
	1523	8
	1524	0
	1525	0
	1526	4806
	1527	2
	1528	8
	1529	3951
	1530	4806
	1531	1
	1532	0
	1533	2
##	1534	0
##	1535	6
##	1536	0
##	1537	0
##	1538	2520
##	1539	2521
##	1540	0
##	1541	0
##	1542	6
##	1543	3951
##	1544	8
##	1545	0
##	1546	1
##	1547	2
##	1548	0
##	1549	4806
##	1550	8
##	1551	0
##	1552	1
##	1553	2
	1554	3951
	1555	0
	1556	2521
	1557	0
	1558	0
	1559	4806
	1560	6
	1561	0
	1562	2
	1563	3951
	1564	0
##	1904	U

	1565	1
	1566	8
	1567	4806
	1568	2522
	1569	0
##	1570	0
	1571	6
##	1572	0
##	1573	3951
##	1574	4806
##	1575	0
##	1576	0
##	1577	1
##	1578	0
##	1579	6
##	1580	8
##	1581	2522
##	1582	2
##	1583	2522
##	1584	0
##	1585	6
##	1586	3951
##	1587	4806
##	1588	0
##	1589	0
##	1590	2
##	1591	1
##	1592	0
##	1593	8
##	1594	0
##	1595	2524
##	1596	0
##	1597	6
##	1598	8
##	1599	0
##	1600	3951
##	1601	4806
##	1602	2
##	1603	1
##	1604	0
##	1605	2
##	1606	0
##	1607	3951
##	1608	1
##	1609	4806
##	1610	2524
##	1611	0
##	1612	0
##	1613	8
##	1614	0
##	1615	6
	1616	2
##	1617	0
##	1618	3951

	1619	0
	1620	4806
##	1621	0
##	1622	2524
##	1623	6
##	1624	1
##	1625	0
##	1626	8
##	1627	0
##	1628	2524
##	1629	0
##	1630	2
##	1631	1
##	1632	3951
##	1633	0
##	1634	8
##	1635	0
##	1636	6
##	1637	4806
##	1638	2
##	1639	0
##	1640	0
##	1641	8
##	1642	1
##	1643	0
##	1644	6
##	1645	4806
##	1646	0
##	1647	2524
##	1648	3951
##	1649	0
##	1650	2524
##	1651	3951
##	1652	0
##	1653	0
##	1654	0
	1655	6
	1656	1
##	1657	8
##	1658	2
##	1659	4806
##	1660	0
##	1661	6
##	1662	0
##	1663	8
##	1664	1
##	1665	0
##	1666	2524
##	1667	3952
##	1668	2
##	1669	4806
	1670	0
##	1671	2524
##	1672	0

	1673	2
##	1674	0
##	1675	3952
##	1676	0
##	1677	1
##	1678	8
##	1679	4806
##	1680	6
##	1681	0
##	1682	0
##	1683	0
##	1684	3952
##	1685	0
##	1686	4806
##	1687	2524
##	1688	1
##	1689	0
##	1690	8
##	1691	2
##	1692	6
##	1693	2
##	1694	0
##	1695	0
##	1696	8
##	1697	0
##	1698	2524
##	1699	0
##	1700	6
##	1701	3952
##	1702	4806
##	1703	1
##	1704	0
##	1705	2526
##	1706	4806
##	1707	0
##	1708	6
##	1709	8
	1710	0
##	1711	0
##	1712	3952
##	1713	1
##	1714	2
##	1715	0
##	1716	0
##	1717	2
##	1718	0
##	1719	1
##	1720	2526
##	1721	4806
##	1722	8
	1723	6
	1724	3952
##	1725	0
##	1726	2

	1727	0
##	1728	2527
##	1729	0
##	1730	6
##	1731	0
##	1732	8
##	1733	0
##	1734	1
##	1735	4806
##	1736	3952
##	1737	0
##	1738	0
##	1739	1
##	1740	4806
##	1741	2
##	1742	0
##	1743	3952
##	1744	6
##	1745	8
##	1746	2527
##	1747	0
##	1748	2
##	1749	6
##	1750	1
##	1751	0
##	1752	8
##	1753	3952
##	1754	0
##	1755	2527
##	1756	0
##	1757	0
##	1758	4806
##	1759	2
##	1760	6
##	1761	8
##	1762	2528
##	1763	0
##	1764	0
##	1765	3952
##	1766	4806
##	1767	0
##	1768	0
##	1769	1
##	1770	4806
##	1771	6
##	1772	1
##	1773	0
##	1774	0
##	1775	2
##	1776	8
##	1777	0
##	1778	2528
##	1779	0
##	1780	3952

	1781	6
##	1782	2
##	1783	2528
##	1784	3953
##	1785	8
##	1786	0
##	1787	4806
##	1788	0
##	1789	1
##	1790	0
##	1791	0
##	1792	0
##	1793	2529
##	1794	4806
##	1795	3953
##	1796	1
##	1797	2
##	1798	6
##	1799	0
##	1800	0
##	1801	0
##	1802	8
##	1803	3953
##	1804	6
##	1805	1
##	1806	0
##	1807	2529
##	1808	4806
##	1809	0
##	1810	0
##	1811	0
##	1812	8
##	1813	2
##	1814	0
##	1815	0
##	1816	6
##	1817	1
##	1818	2529
##	1819	0
##	1820	0
##	1821	4806
##	1822	8
##	1823	2
##	1824	3953
##	1825	0
##	1826	1
##	1827	0
##	1828	4806
##	1829	0
##	1830	8
##	1831	2529
	1832	3953
	1833	2
	1834	0

##	1835	6
##	1836	8
##	1837	6
##	1838	2530
##	1839	2
##	1840	0
##	1841	0
##	1842	0
##	1843	1
##	1844	0
##	1845	3953
##	1846	4806
##	1847	0
##	1848	2
##	1849	- 8
##	1850	2530
##	1851	1
##	1852	3953
	1853	0
	1854	6
	1855	0
	1856	4806
	1857	0
	1858	3953
	1859	0
##	1860	0
##	1861	0
##	1862	2530
##	1863	4806
##	1864	1
##	1865	2
##	1866	6
##	1867	0
##	1868	8
	1869	8
##	1870	2530
##	1871	2
	1872	3953
##	1873	0
##	1874	1
##	1875	4806
##	1876	0
##	1877	
##	1878	0
	1879	0
	1880	3953
	1881	8
	1882	
	1883	4806
	1884	0
	1885	2530
	1886	2
	1887	1
##	1888	0

##	1889	0
##	1890	0
##	1891	0
##	1892	2
##	1893	0
##	1894	0
##	1895	2530
##	1896	8
##	1897	3953
##	1898	0
##	1899	1
##	1900	4806
##	1901	6
##	1902	0
##	1903	0
##	1904	1
##	1905	0
##	1906	3953
	1907	0
	1907	8
	1908	4806
		2530
	1910	
	1911	6 2
	1912	
	1913	2530
	1914	4806
	1915	0
	1916	0
	1917	0
	1918	0
	1919	6
##	1920	1
##	1921	2
	1922	3953
	1923	8
##	1924	3955
	1925	2
	1926	6
##	1927	0
##	1928	0
##	1929	2530
##	1930	4806
##	1931	1
##	1932	8
##	1933	0
##	1934	0
##	1935	2
##	1936	0
##	1937	8
##	1938	0
##	1939	4806
##	1940	0
##	1941	6
##	1942	1

	‡ 1943	2531
		3955
		0
		4806
		8
		6
		0
		2532
		0
##		1
##		2
##		0
##		3955
##		0
##		8
##		0
		1
		2
		0
		3955
		6
	‡ 1964	0
		2532
		4806
		0
	± 1968	8
		0
		0
	‡ 1971	3955
		2
	± 1973	0
	‡ 1974	1
	‡ 1975	4806
	‡ 1976	6
	‡ 1977 • 1070	0
		2532
	± 1979	0
	± 1980	8
## ##		2533 3955
		2
		4806
		4800
		1
##		0
		6
		2533
		2555
		0
	± 1993	3955
	± 1994	4806
	‡ 1995	0
	± 1996	6
##	. 1000	0

##	1997	0
##	1998	0
##	1999	2
	2000	8
	2001	4806
	2002	0
	2003	3955
	2004	2
	2005	1
##	2006	6
##	2007	0
##	2008	0
##	2009	2533
	2010	
##		8
##	2011	0
##	2012	3955
##	2013	2
##	2014	4806
	2015	1
	2016	0
	2017	8
	2018	6
	2019	0
	2020	0
	2021	2533
	2022	0
	2023	1
	2024	6
	2025	3955
	2026	4806
	2027	0
	2028	8
	2029	0
	2030	2533
##	2031	0
##	2032	0
##	2033	2
##	2034	4806
##	2035	0
##	2036	0
##	2037	2533
##	2038	6
##	2039	1
##	2040	0
##	2041	2
##	2042	8
##	2043	3955
##	2044	0
##	2045	0
##		1
	2047	8
	2048	6
##		0
	2050	2533
11 π		2000

##	2051	0
##	2052	4806
##	2053	2
##	2054	0
##	2055	3955
##	2056	2534
##	2057	1
##	2058	0
##	2059	0
##	2060	4806
##	2061	0
##	2062	0
##	2063	3955
##	2064	2
##	2065	8
##	2066	6
##	2067	0
##	2068	2
##	2069	0
##	2070	0
##	2071	6
##	2072	0
##	2073	3955
##	2074	1
##	2075	2534
##	2076	8
##	2077	4806
##	2078	2534
##	2079	6
##	2080	3955
##	2081	8
##	2082	2
##	2083	0
##	2084	1
##	2085	4806
##	2086	0
##	2087	0
##	2088	0
	2089	0
	2090	2
	2091	2534
	2092	4806
	2093	0
	2094	0
	2095	8
	2096	6
	2097	1
	2098	3955
	2099	0
	2100	0
	2101	8
	2102	3955
	2103	0
##	2104	2

шш	0105	4000
	2105	4806
	2106	0
	2107	1
	2108	0
	2109	2534
	2110	6
	2111	0
	2112	4806
	2113	0
	2114	3955
	2115	2
	2116	8
	2117	0
	2118	2534
	2119	0
	2120	1
	2121	6
	2122	0
	2123	4806
##	2124	0
	2125	2534
	2126	6
	2127	0
##	2128	8
##	2129	3955
##	2130	0
##	2131	2
##	2132	1
##	2133	1
##	2134	4806
##	2135	0
##	2136	0
##	2137	2
##	2138	6
##	2139	3955
##	2140	2535
##	2141	8
##	2142	0
##	2143	0
##	2144	0
##	2145	8
##	2146	0
##	2147	1
	2148	2535
##	2149	3955
##	2150	0
	2151	0
	2152	2
	2153	4806
	2154	6
	2155	2
	2156	0
	2157	0
	2158	8

	2159	4806
	2160	3955
	2161	0
	2162	0
	2163	2535
	2164	6
	2165	1
	2166	6
	2167	8
	2168	0
	2169	0
	2170	2535
	2171	0
	2172	4806
	2173	1
	2174	2
	2175	3955
	2176	0
	2177	3955
	2178	2535
	2179	0
	2180	0
	2181	1
	2182	0
	2183	0
	2184	4806
	2185	8
	2186	6
	2187	2
	2188	2
	2189	6
	2190	2535
	2191	0
	2192	3955
	2193	0
	2194	0
	2195	0
	2196	8
	2197	1
	2198	4806
	2199	3955
	2200	8
	2201	2536
	2202 2203	2
	2203	0
	2205	1
	2206	6
	2206	0
		0
	2208 2209	4806
	2210	4806
	2211	0
	2212	8
##	2212	0

##	2213	0
##	2214	0
##	2215	3955
##	2216	4806
##	2217	2
##	2218	1
##	2219	6
	2220	2536
	2221	8
	2222	3955
	2223	2
	2224	1
	2225	6
	2226	2536
	2227	0
	2228	4806
	2229	0
	2230	0
	2231	0
	2232	8
	2233	0
	2234	6
	2235	0
	2236	2
	2237	3955
	2238	0
	2239	0
	2240	4806
	2241	1
	2242	2536
	2243	0
	2244	0
	2245	4806
	2246	3955
	2247	1
	2248	2
	2249	0
	2250	2536
	2251	6
	2252	0
	2253	8
	2254	1
	2255 2256	8 2536
	2257	
	2258	0
	2259	4806
	2260	4806
	2261	0
	2262	6
	2263	3955
	2264	2
	2265	0
	2266	2536
aπ	2200	2000

	2267	0
##	2268	4806
##	2269	3955
##	2270	6
##	2271	1
##	2272	0
##	2273	2
##	2274	8
	2275	0
	2276	1
##	2277	4806
##	2278	0
##	2279	3955
##	2280	0
##	2281	6
##	2282	2
##	2283	8
##	2284	0
##	2285	0
##	2286	2536
##	2287	6
##	2288	1
##	2289	2
##	2290	3955
##	2291	0
##	2292	4806
##	2293	8
##	2294	2536
##	2295	0
##	2296	0
##	2297	0
##	2298	0
##	2299	1
##	2300	0
##	2301	2
##	2302	2536
##	2303	3955
##	2304	0
##	2305	4806
##	2306	8
##	2307	6
##	2308	0
##	2309	4806
	2310	0
	2311	2536
	2312	2
	2313	3955
	2314	0
	2315	1
	2316	6
	2317	0
	2318	8
	2319	0
	2320	1

##	2321	6
	2322	2
	2323	8
	2324	0
	2325	3955
	2326	0
	2327	2536
	2328	0
	2329	0
	2330	4806
	2331	1
	2332	0
	2333	2536
	2334	0
	2335	2
	2336	0
	2337	4806
	2338	0
	2339	8
	2340	6
	2341	3955
	2342	8
	2343	0
	2344	2536
	2345	2
	2346	0
	2347	1
	2348	4806
	2349	3955
	2350	0
	2351	6
	2352	0
	2353	2536
	2354	0
	2355	1
	2356	4806
	2357	0
	2358	3
	2359	3955
	2360	0
	2361	6
	2362	8
	2363	0
	2364	2536
	2365	4806
	2366	0
	2367	3
	2368	6
	2369	1
	2370	0
	2371	0
	2372	8
	2373	3955
##	2374	0

##	2375	2536
##	2376	0
##	2377	0
##	2378	0
##	2379	4806
##	2380	0
##	2381	1
	2382	3
	2383	6
	2384	3955
	2385	8
	2386	0
	2387	0
	2388	8
	2389	3
	2390	2536
	2391	0
	2392	1
	2393	6
	2394	4806
	2395	0
	2396	3955
	2397	0
	2398	1
	2399	- 8
	2400	0
	2401	2536
	2402	6
	2403	0
	2404	3
	2405	0
	2406	3955
	2407	4806
	2408	3955
	2409	1
	2410	6
	2411	0
	2412	0
	2413	2536
	2414	0
	2415	8
	2416	3
	2417	0
	2418	4806
	2419	0
	2420	6
	2421	2536
	2422	0
	2423	0
	2424	1
	2425	8
	2426	0
	2427	4806
	2428	3955
##	2720	3900

##	2429	3
##	2430	3
##	2431	8
##	2432	0
##	2433	4806
##	2434	6
##	2435	0
##	2436	3955
##	2437	2536
##	2438	0
##	2439	0
##	2440	1
##	2441	8
##	2442	2536
##	2443	0
##	2444	3
##	2445	0
##	2446	6
##	2447	3955
##	2448	0
##	2449	0
##	2450	1
##	2451	4806
##	2452	0
##	2453	0
##	2454	2536
##	2455	0
##	2456	4806
##	2457	0
##	2458	6
##	2459	3955
##	2460	3
##	2461	8
##	2462	1
##	2463	0
##	2464	0
##	2465	0
##	2466	4806
##	2467	3
##	2468	3955
##	2469	6
##	2470	2536
##	2471	1
##	2472	8
##	2473	0
##	2474	2536
##	2475	0
##	2476	3955
##	2477	0
##	2478	6
	2479	0
##	2480	3
##	2481	4806
##	2482	0

```
## 2483
                                                                  4
## 2484
                                                                  8
## 2485
                                                                  1
deaths_by_country <- total_deaths ">" group_by("Country" = Country) ">" summarise("Total_deaths" = sum()
deaths_by_country
## # A tibble: 10 x 3
                               `Total deaths` `Average deaths`
##
      Country
##
      <fct>
                                         <dbl>
                                                          <dbl>
## 1 Guinea
                                       563069
                                                           2174
## 2 Italy
                                                              0
                                            0
## 3 Liberia
                                      1099833
                                                           3013
## 4 Mali
                                         1427
                                                              6
## 5 Nigeria
                                         2039
                                                              8
## 6 Senegal
                                                              0
                                            0
## 7 Sierra Leone
                                       888834
                                                           3432
                                                              0
## 8 Spain
                                            0
## 9 United Kingdom
                                            0
                                                              0
## 10 United States of America
                                          242
                                                              1
```

Joining two data sets and finding the percentage of deaths

```
##
      <chr>
                                      <dbl>
                                                     <dbl>
                                                                             <dbl>
## 1 Guinea
                                      854118
                                                    563069
                                                                              65.9
## 2 Italy
                                         141
                                                                              0
## 3 Liberia
                                                   1099833
                                     2459122
                                                                             44.7
## 4 Mali
                                         NA
                                                      1427
                                                                             NA
                                                       2039
## 5 Nigeria
                                        5105
                                                                             39.9
## 6 Senegal
                                        258
                                                         0
## 7 Sierra Leone
                                    3003428
                                                    888834
                                                                             29.6
                                        243
                                                         0
## 8 Spain
                                                                              0
## 9 United Kingdom
                                         NA
                                                         0
                                                                             NA
## 10 United States of America
                                        967
                                                        242
                                                                              25.0
```