International GDP Population Historical R Analysis

By: Stephanie Hunter

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R version 3.1.2 (2014-10-31) -- "Pumpkin Helmet"
Copyright (C) 2014 The R Foundation for Statistical Computing
Platform: x86 64-w64-mingw32/x64 (64-bit)
R is free software and comes with ABSOLUTELY NO WARRANTY.
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  Natural language support but running in an English locale
R is a collaborative project with many contributors.
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'citation()' on how to cite R or R packages in publications.
Type 'demo()' for some demos, 'help()' for on-line help, or
'help.start()' for an HTML browser interface to help.
Type 'q()' to quit R.
> data <- read.csv(file="C:/Users/shunter5/Documents/HistoricalPopulation.csv", head=TRUE, se</pre>
p=",")
> class(data)
[1] "data.frame"
> dim(data)
[1] 3 47
> names(data)
 [1] "X"
            "X1969" "X1970" "X1971" "X1972" "X1973" "X1974" "X1975" "X1976"
[10] "X1977" "X1978" "X1979" "X1980" "X1981" "X1982" "X1983" "X1984" "X1985"
[19] "X1986" "X1987" "X1988" "X1989" "X1990" "X1991" "X1992" "X1993" "X1994"
[28] "X1995" "X1996" "X1997" "X1998" "X1999" "X2000" "X2001" "X2002" "X2003"
[37] "X2004" "X2005" "X2006" "X2007" "X2008" "X2009" "X2010" "X2011" "X2012"
[46] "X2013" "X2014"
> str(data)
'data.frame': 3 obs. of 47 variables:
 $ X : Factor w/ 3 levels "Canada", "North America", ..: 2 1 3
 $ X1969: int 222833073 21448073 201385000
 $ X1970: int 225733986 21749986 203984000
 $ X1971: int 228853400 22026400 206827000
 $ X1972: int 231568500 22284500 209284000
 $ X1973: int 233916500 22559500 211357000
 $ X1974: int 236216700 22874700 213342000
 $ X1975: int 238674200 23209200 215465000
 $ X1976: int 241080500 23517500 217563000
 $ X1977: int 243556400 23796400 219760000
 $ X1978: int 246131300 24036300 222095000
 $ X1979: int 248843900 24276900 224567000
 $ X1980: int 251817981 24593300 227224681
 $ X1981: int 254365714 24900000 229465714
 $ X1982: int 256866358 25201900 231664458
 $ X1983: int 259248294 25456300 233791994
 $ X1984: int 261526702 25701800 235824902
 $ X1985: int 263865395 25941600 237923795
 $ X1986: int 266336687 26203800 240132887
 $ X1987: int 268838618 26549700 242288918
 $ X1988: int 271393782 26894800 244498982
 $ X1989: int 274198530 27379300 246819230
 $ X1990: int 277971600 27790600 250181000
 $ X1991: int 281647900 28117900 253530000
 $ X1992: int 285466892 28544892 256922000
 $ X1993: int 289235336 28953336 260282000
 $ X1994: int 292785810 29330810 263455000
 $ X1995: int 296278529 29690529 266588000
 $ X1996: int 299740324 30026324 269714000
 $ X1997: int 303263602 30305602 272958000
 $ X1998: int 306705660 30551660 276154000
```

\$ X1999: int 310148257 30820257 279328000 \$ X2000: int 313497561 31099561 282398000

```
$ X2001: int 316601736 31376736 285225000
  $ X2002: int 319595962 31640962 287955000
  $ X2003: int 322515309 31889309 290626000
  $ X2004: int 325396763 32134763 293262000
  $ X2005: int 328379378 32386378 295993000
  $ X2006: int 331474679 32656679 298818000
  $ X2007: int 334631961 32935961 301696000
  $ X2008: int 337755696 33212696 304543000
  $ X2009: int 340727208 33487208 307240000
  $ X2010: int 343567742 33759742 309808000
  $ X2011: int 346202589 34030589 312172000
  $ X2012: int 348799083 34300083 314499000
  $ X2013: int 351407211 34568211 316839000
  $ X2014: int 354007841 34834841 319173000
 > attributes(data)
 $names
  [1] "X" "X1969" "X1970" "X1971" "X1972" "X1973" "X1974" "X1975" "X1976"
 [10] "X1977" "X1978" "X1979" "X1980" "X1981" "X1982" "X1983" "X1984" "X1985"
 [19] "X1986" "X1987" "X1988" "X1989" "X1990" "X1991" "X1992" "X1993" "X1994"
 [28] "X1995" "X1996" "X1997" "X1998" "X1999" "X2000" "X2001" "X2002" "X2003"
 [37] "X2004" "X2005" "X2006" "X2007" "X2008" "X2009" "X2010" "X2011" "X2012"
 [46] "X2013" "X2014"
 $class
 [1] "data.frame"
 $row.names
 [1] 1 2 3
> data[1:3,]
              X X1969
                           X1970 X1971 X1972
1 North America 222833073 225733986 228853400 231568500 233916500 236216700
                                                          X1973
         Canada 21448073 21749986 22026400 22284500 22559500 22874700
3 United States 201385000 203984000 206827000 209284000 211357000 213342000
             X1976 X1977 X1978 X1979 X1980
1 238674200 241080500 243556400 246131300 248843900 251817981 254365714
2 23209200 23517500 23796400 24036300 24276900 24593300 24900000
3 215465000 217563000 219760000 222095000 224567000 227224681 229465714
      X1982 X1983 X1984 X1985 X1986 X1987 X1988
1 256866358 259248294 261526702 263865395 266336687 268838618 271393782
2 25201900 25456300 25701800 25941600 26203800 26549700 26894800
3 231664458 233791994 235824902 237923795 240132887 242288918 244498982
     X1989 X1990 X1991 X1992 X1993 X1994 X1995
1 274198530 277971600 281647900 285466892 289235336 292785810 296278529
2 27379300 27790600 28117900 28544892 28953336 29330810 29690529
3 246819230 250181000 253530000 256922000 260282000 263455000 266588000
     X1996 X1997 X1998 X1999 X2000 X2001
1 299740324 303263602 306705660 310148257 313497561 316601736 319595962
2 30026324 30305602 30551660 30820257 31099561 31376736 31640962
3 269714000 272958000 276154000 279328000 282398000 285225000 287955000
     X2003 X2004 X2005 X2006 X2007 X2008
1 322515309 325396763 328379378 331474679 334631961 337755696 340727208
 31889309 32134763 32386378 32656679 32935961 33212696 33487208
3 290626000 293262000 295993000 298818000 301696000 304543000 307240000
     X2010 X2011
                       X2012 X2013
1 343567742 346202589 348799083 351407211 354007841
 33759742 34030589 34300083 34568211 34834841
3 309808000 312172000 314499000 316839000 319173000
> summary(data)
                      X1969
                                        X1970
                                                           X1971
Canada
             :1
                  Min. : 21448073
                                     Min. : 21749986
                                                       Min. : 22026400
North America :1
                  1st Qu.:111416536
                                     1st Qu.:112866993
                                                        1st Qu.:114426700
United States :1
                  Median :201385000
                                     Median :203984000
                                                       Median :206827000
                  Mean :148555382
                                     Mean :150489324
                                                        Mean :152568933
                  3rd Qu.:212109036
                                     3rd Qu.:214858993
                                                        3rd Qu.:217840200
                  Max. :222833073
                                     Max. :225733986 Max. :228853400
    X1972
                       X1973
                                         X1974
```

Min. : 22284500	Min. : 22559500	Min. : 22874700
1st Qu.:115784250	1st Qu.:116958250	
		1st Qu.:118108350
Median :209284000	Median :211357000	Median :213342000
Mean :154379000	Mean :155944333	Mean :157477800
3rd Qu.:220426250	3rd Qu.:222636750	3rd Qu.:224779350
Max. :231568500	Max. :233916500	Max. :236216700
X1975	X1976	X1977
Min. : 23209200	Min. : 23517500	Min. : 23796400
1st Qu.:119337100	1st Qu.:120540250	1st Qu.:121778200
Median :215465000	Median :217563000	Median :219760000
Mean :159116133	Mean :160720333	Mean :162370933
3rd Qu.:227069600	3rd Qu.:229321750	3rd Qu.:231658200
Max. :238674200		
	Max. :241080500	Max. :243556400
X1978	X1979	X1980
Min. : 24036300	Min. : 24276900	Min. : 24593300
1st Qu.:123065650	1st Qu.:124421950	1st Qu.:125908990
Median :222095000	Median :224567000	Median :227224681
Mean :164087533	Mean :165895933	
		Mean :167878654
3rd Qu.:234113150	3rd Qu.:236705450	3rd Qu.:239521331
Max. :246131300	Max. :248843900	Max. :251817981
X1981	X1982	X1983
Min. : 24900000	Min. : 25201900	Min. : 25456300
1st Qu.:127182857	1st Qu.:128433179	1st Qu.:129624147
Median :229465714	Median :231664458	
		Median :233791994
Mean :169577143	Mean :171244239	Mean :172832196
3rd Qu.:241915714	3rd Qu.:244265408	3rd Qu.:246520144
Max. :254365714	Max. :256866358	Max. :259248294
X1984	X1985	X1986
Min. : 25701800	Min. : 25941600	Min. : 26203800
1st Qu.:130763351	1st Qu.:131932698	1st Qu.:133168344
Median :235824902	Median :237923795	Median :240132887
Mean :174351135	Mean :175910263	Mean :177557791
3rd Qu.:248675802	3rd Qu.:250894595	3rd Qu.:253234787
Max. :261526702	Max. :263865395	Max. :266336687
V1007	V1000	
X1987	X1988	X1989
Min. : 26549700	Min. : 26894800	Min. : 27379300
Min. : 26549700 1st Qu.:134419309		Min. : 27379300 1st Qu.:137099265
Min. : 26549700	Min. : 26894800	Min. : 27379300 1st Qu.:137099265
Min. : 26549700 1st Qu.:134419309	Min. : 26894800 1st Qu.:135696891 Median :244498982	Min. : 27379300 1st Qu.:137099265 Median :246819230
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188	Min. : 27379300 1st Qu.:137099265 Median :246819230 Mean :182799020
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382	Min.: 27379300 1st Qu.:137099265 Median:246819230 Mean:182799020 3rd Qu.:260508880
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 1st Qu::137099265 Median: 246819230 Mean: 182799020 3rd Qu::260508880 Max.: 274198530
Min. : 26549700 1st Qu.:134419309 Median : 242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618 X1990	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782 X1991	Min.: 27379300 1st Qu::137099265 Median: 246819230 Mean: 182799020 3rd Qu::260508880 Max.: 274198530 X1992
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 1st Qu::137099265 Median: 246819230 Mean: 182799020 3rd Qu::260508880 Max.: 274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618 X1990 Min. : 27790600	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782 X1991 Min. : 28117900	Min.: 27379300 1st Qu::137099265 Median: 246819230 Mean: 182799020 3rd Qu::260508880 Max: :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 1st Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.:274198530 X1992 Min.: 28544892 1st Qu::142733446
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min.: 26894800 1st Qu.:135696891 Median: 244498982 Mean: 180929188 3rd Qu.:257946382 Max.: 271393782 X1991 Min.: 28117900 1st Qu.:140823950 Median: 253530000	Min.: 27379300 1st Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.:274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 1st Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782 X1991 Min. : 28117900 1st Qu.:140823950 Median :253530000 Mean :187765267	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.:274198530
Min.: 26549700 1st Qu::134419309 Median:242288918 Mean:179225745 3rd Qu::255563768 Max::268838618 X1990 Min.: 27790600 1st Qu::138985800 Median:250181000 Mean:185314400 3rd Qu::264076300	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782 X1991 Min. : 28117900 lst Qu.:140823950 Median :253530000 Mean :187765267 3rd Qu.:267588950	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.:274198530
Min.: 26549700 1st Qu::134419309 Median:242288918 Mean:179225745 3rd Qu::255563768 Max.: 268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.:274198530
Min.: 26549700 1st Qu::134419309 Median:242288918 Mean:179225745 3rd Qu::255563768 Max::268838618 X1990 Min.: 27790600 1st Qu::138985800 Median:250181000 Mean:185314400 3rd Qu::264076300	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782 X1991 Min. : 28117900 lst Qu.:140823950 Median :253530000 Mean :187765267 3rd Qu.:267588950	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.:274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.: 274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.: 274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.: 274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.: 274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min.: 27379300 lst Qu::137099265 Median:246819230 Mean:182799020 3rd Qu::260508880 Max.: 274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median : 244498982 Mean : 180929188 3rd Qu.:257946382 Max. : 271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median : 244498982 Mean : 180929188 3rd Qu.:257946382 Max. : 271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median : 244498982 Mean : 180929188 3rd Qu.:257946382 Max. : 271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median : 244498982 Mean : 180929188 3rd Qu.:257946382 Max. : 271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median : 244498982 Mean : 180929188 3rd Qu.:257946382 Max. : 271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median :244498982 Mean :180929188 3rd Qu.:257946382 Max. :271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530
Min. : 26549700 1st Qu.:134419309 Median :242288918 Mean :179225745 3rd Qu.:255563768 Max. :268838618	Min. : 26894800 lst Qu.:135696891 Median : 244498982 Mean : 180929188 3rd Qu.:257946382 Max. : 271393782	Min. : 27379300 lst Qu.:137099265 Median :246819230 Mean :182799020 3rd Qu.:260508880 Max. :274198530

```
3rd Qu.:294738128 3rd Qu.:297947780
                                     3rd Qu.:300913368
Max. :310148257 Max. :313497561
                                    Max. :316601736
                     X2003
                                     X2004
Min. : 31640962
                  Min. : 31889309
                                     Min. : 32134763
 1st Qu.:159797981 1st Qu.:161257654
                                     1st Qu.:162698382
Median :287955000 Median :290626000
                                    Median :293262000
Mean :213063975 Mean :215010206
                                    Mean :216931175
 3rd Qu.:303775481 3rd Qu.:306570654
                                     3rd Ou.:309329382
 Max. :319595962 Max. :322515309
                                     Max. :325396763
 X2005
                  X2006
                                     X2007
Min. : 32386378 Min. : 32656679
                                    Min. : 32935961
1st Qu.:164189689 1st Qu.:165737340
                                    1st Qu.:167315980
Median :295993000 Median :298818000
                                    Median :301696000
Mean :218919585 Mean :220983119
                                    Mean :223087974
 3rd Qu.:312186189 3rd Qu.:315146340
                                     3rd Qu.:318163980
Max. :328379378 Max. :331474679
                                     Max. :334631961
 X2008
                  X2009
                                     X2010
Min. : 33212696 Min. : 33487208
                                     Min. : 33759742
1st Qu.:168877848 1st Qu.:170363604
                                     1st Qu.:171783871
Median :304543000 Median :307240000
                                    Median :309808000
Mean :225170464 Mean :227151472
                                     Mean :229045161
3rd Qu.:321149348 3rd Qu.:323983604 3rd Qu.:326687871
Max. :337755696 Max. :340727208
                                     Max. :343567742
 X2011
                  X2012
                                     X2013
Min. : 34030589 Min. : 34300083
                                    Min. : 34568211
 1st Qu.:173101294 1st Qu.:174399542
                                    1st Qu.:175703606
Median :312172000 Median :314499000
                                    Median :316839000
Mean :230801726 Mean :232532722
                                    Mean :234271474
3rd Qu.:329187294 3rd Qu.:331649042
                                    3rd Qu.:334123106
Max. :346202589 Max. :348799083
                                    Max. :351407211
 X2014
Min. : 34834841
1st Qu.:177003920
Median :319173000
Mean :236005227
3rd Qu.:336590420
Max. :354007841
> quantile(data$X2014)
                  50% 75%
     0% 25%
34834841 177003921 319173000 336590421 354007841
> var(data$X2014)
[1] 3.065551e+16
> hist(data$X2014)
> plot(data$X2014)
> table(data$X2014)
34834841 319173000 354007841
      1 1
> quantile(data$X1969)
      0% 25%
                     50%
                               75%
21448073 111416537 201385000 212109037 222833073
> var(data$X1969)
[1] 1.223221e+16
> hist(data$X1969)
> plot(data$X1969)
> table(data$X1969)
 21448073 201385000 222833073
      1 1
```