

Datacamp_Introduction_to_Tidyverse____Data_wrangling

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The gapminder dataset

```
# Load the gapminder package
# install.packages("gapminder")
# library(gapminder)
gapminder <- read.table(file = 'data/gapminder.tsv', sep = '\t', header = TRUE)

# Load the dplyr package
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##   filter, lag

## The following objects are masked from 'package:base':
##
##   intersect, setdiff, setequal, union
```

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.2.1 --

## v ggplot2 3.2.1    v readr    1.3.1
## v tibble  2.1.3    v purrr   0.3.2
## v tidyr   0.8.3    v stringr 1.4.0
## v ggplot2 3.2.1    v forcats 0.4.0

## -- Conflicts ----- tidyverse_conflicts() --
## x dplyr::filter() masks stats::filter()
## x dplyr::lag()    masks stats::lag()
```

```
# Look at the gapminder dataset
head(gapminder)
```

```
##      country continent year lifeExp      pop gdpPercap
## 1 Afghanistan      Asia  1952  28.801  8425333  779.4453
## 2 Afghanistan      Asia  1957  30.332  9240934  820.8530
## 3 Afghanistan      Asia  1962  31.997 10267083  853.1007
## 4 Afghanistan      Asia  1967  34.020 11537966  836.1971
## 5 Afghanistan      Asia  1972  36.088 13079460  739.9811
## 6 Afghanistan      Asia  1977  38.438 14880372  786.1134
```

```
str(gapminder)
```

```
## 'data.frame': 1698 obs. of 6 variables:
## $ country : Factor w/ 147 levels "Afghanistan",...: 1 1 1 1 1 1 1 1 1 1 ...
## $ continent: Factor w/ 5 levels "Africa","Americas",...: 3 3 3 3 3 3 3 3 3 3 ...
## $ year : int 1952 1957 1962 1967 1972 1977 1982 1987 1992 1997 ...
## $ lifeExp : num 28.8 30.3 32 34 36.1 ...
## $ pop : int 8425333 9240934 10267083 11537966 13079460 14880372 12881816 13867957 16317921 22...
## $ gdpPercap: num 779 821 853 836 740 ...
```

The filter verb

`filter()` subsets observations

```
# Filtering for one year
gapminder %>%
  filter(year == 2007) %>% head()
```

```
##      country continent year lifeExp      pop  gdpPercap
## 1 Afghanistan      Asia 2007  43.828 31889923   974.5803
## 2  Albania      Europe 2007  76.423  3600523  5937.0295
## 3  Algeria      Africa 2007  72.301 33333216  6223.3675
## 4  Angola      Africa 2007  42.731 12420476  4797.2313
## 5  Argentina Americas 2007  75.320 40301927 12779.3796
## 6  Australia Oceania 2007  81.235 20434176 34435.3674
```

```
# Filtering for one country
gapminder %>%
  filter(country == "United States") %>% head()
```

```
##      country continent year lifeExp      pop  gdpPercap
## 1 United States Americas 1952   68.44 157553000 13990.48
## 2 United States Americas 1957   69.49 171984000 14847.13
## 3 United States Americas 1962   70.21 186538000 16173.15
## 4 United States Americas 1967   70.76 198712000 19530.37
## 5 United States Americas 1972   71.34 209896000 21806.04
## 6 United States Americas 1977   73.38 220239000 24072.63
```

```
# Filtering for two variables
gapminder %>%
  filter(year == 2007, country == "United States") %>% head()
```

```
##      country continent year lifeExp      pop  gdpPercap
## 1 United States Americas 2007  78.242 301139947 42951.65
```

Practice

```
# Filter the gapminder dataset for the year 1957
gapminder %>% filter(year == 1957) %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap
## 1 Afghanistan      Asia 1957  30.332  9240934    820.853
## 2   Albania      Europe 1957  59.280  1476505   1942.284
## 3   Algeria      Africa 1957  45.685 10270856   3013.976
## 4    Angola      Africa 1957  31.999  4561361   3827.940
## 5  Argentina Americas 1957  64.399 19610538   6856.856
## 6  Australia Oceania 1957  70.330  9712569 10949.650
```

```
# Filter for China in 2002
gapminder %>% filter(year == 2002, country == 'China') %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap
## 1   China      Asia 2002  72.028 128040000    3119.281
```

The arrange verb

arrange() sorts a table based on a variable

```
gapminder %>%
  arrange(gdpPercap) %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap
## 1 Congo, Dem. Rep.      Africa 2002  44.966 55379852    241.1659
## 2 Congo, Dem. Rep.      Africa 2007  46.462 64606759    277.5519
## 3   Lesotho      Africa 1952  42.138   748747    298.8462
## 4  Guinea-Bissau      Africa 1952  32.500   580653    299.8503
## 5 Congo, Dem. Rep.      Africa 1997  42.587 47798986    312.1884
## 6   Eritrea      Africa 1952  35.928  1438760    328.9406
```

```
# sort in descending order
gapminder %>%
  arrange(desc(gdpPercap)) %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap
## 1   Kuwait      Asia 1957  58.033  212846 113523.13
## 2   Kuwait      Asia 1972  67.712  841934 109347.87
## 3   Kuwait      Asia 1952  55.565 160000 108382.35
## 4   Kuwait      Asia 1962  60.470  358266  95458.11
## 5   Kuwait      Asia 1967  64.624  575003  80894.88
## 6   Kuwait      Asia 1977  69.343 1140357  59265.48
```

```
gapminder %>%
  filter(year == 2007) %>%
  arrange(desc(gdpPercap)) %>% head()
```

```
##           country continent year lifeExp      pop gdpPercap
## 1         Norway      Europe 2007  80.196  4627926  49357.19
## 2          Kuwait        Asia 2007  77.588  2505559  47306.99
## 3       Singapore        Asia 2007  79.972  4553009  47143.18
## 4   United States Americas 2007  78.242 301139947  42951.65
## 5         Ireland      Europe 2007  78.885  4109086  40676.00
## 6 Hong Kong, China        Asia 2007  82.208  6980412  39724.98
```

Practice

```
# Sort in ascending order of lifeExp
gapminder %>% arrange(lifeExp) %>% head()
```

```
##           country continent year lifeExp      pop gdpPercap
## 1          Rwanda      Africa 1992  23.599  7290203   737.0686
## 2 Afghanistan        Asia 1952  28.801  8425333   779.4453
## 3          Gambia      Africa 1952  30.000  284320   485.2307
## 4          Angola      Africa 1952  30.015  4232095  3520.6103
## 5  Sierra Leone      Africa 1952  30.331  2143249   879.7877
## 6 Afghanistan        Asia 1957  30.332  9240934   820.8530
```

```
# Sort in descending order of lifeExp
gapminder %>% arrange(desc(lifeExp)) %>% head()
```

```
##           country continent year lifeExp      pop gdpPercap
## 1           Japan        Asia 2007  82.603 127467972  31656.07
## 2 Hong Kong, China        Asia 2007  82.208  6980412  39724.98
## 3           Japan        Asia 2002  82.000 127065841  28604.59
## 4          Iceland      Europe 2007  81.757   301931  36180.79
## 5      Switzerland      Europe 2007  81.701  7554661  37506.42
## 6 Hong Kong, China        Asia 2002  81.495  6762476  30209.02
```

```
# Filter for the year 1957, then arrange in descending order of population
gapminder %>% filter(year == 1957) %>% arrange(desc(pop)) %>% head()
```

```
##           country continent year lifeExp      pop gdpPercap
## 1           China        Asia 1957 50.54896 637408000   575.9870
## 2            India        Asia 1957 40.24900 409000000   590.0620
## 3 United States Americas 1957 69.49000 171984000 14847.1271
## 4           Japan        Asia 1957 65.50000  91563009  4317.6944
## 5      Indonesia        Asia 1957 39.91800  90124000   858.9003
## 6          Germany      Europe 1957 69.10000  71019069 10187.8267
```

The mutate verb

mutate changes or adds variables

```
# change a variable
gapminder %>% mutate(pop = pop / 1000000) %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap
## 1 Afghanistan      Asia 1952  28.801  8.425333  779.4453
## 2 Afghanistan      Asia 1957  30.332  9.240934  820.8530
## 3 Afghanistan      Asia 1962  31.997 10.267083  853.1007
## 4 Afghanistan      Asia 1967  34.020 11.537966  836.1971
## 5 Afghanistan      Asia 1972  36.088 13.079460  739.9811
## 6 Afghanistan      Asia 1977  38.438 14.880372  786.1134
```

```
# add a new variable
```

```
gapminder %>% mutate(gdp = gdpPercap * pop)
```

```
##
## 1 Afghanistan
## 2 Afghanistan
## 3 Afghanistan
## 4 Afghanistan
## 5 Afghanistan
## 6 Afghanistan
## 7 Afghanistan
## 8 Afghanistan
## 9 Afghanistan
## 10 Afghanistan
## 11 Afghanistan
## 12 Afghanistan
## 13 Albania
## 14 Albania
## 15 Albania
## 16 Albania
## 17 Albania
## 18 Albania
## 19 Albania
## 20 Albania
## 21 Albania
## 22 Albania
## 23 Albania
## 24 Albania
## 25 Algeria
## 26 Algeria
## 27 Algeria
## 28 Algeria
## 29 Algeria
## 30 Algeria
## 31 Algeria
## 32 Algeria
## 33 Algeria
## 34 Algeria
## 35 Algeria
## 36 Algeria
## 37 Angola
## 38 Angola
## 39 Angola
## 40 Angola
## 41 Angola
## 42 Angola
```

## 43	Angola
## 44	Angola
## 45	Angola
## 46	Angola
## 47	Angola
## 48	Angola
## 49	Argentina
## 50	Argentina
## 51	Argentina
## 52	Argentina
## 53	Argentina
## 54	Argentina
## 55	Argentina
## 56	Argentina
## 57	Argentina
## 58	Argentina
## 59	Argentina
## 60	Argentina
## 61	Australia
## 62	Australia
## 63	Australia
## 64	Australia
## 65	Australia
## 66	Australia
## 67	Australia
## 68	Australia
## 69	Australia
## 70	Australia
## 71	Australia
## 72	Australia
## 73	Austria
## 74	Austria
## 75	Austria
## 76	Austria
## 77	Austria
## 78	Austria
## 79	Austria
## 80	Austria
## 81	Austria
## 82	Austria
## 83	Austria
## 84	Austria
## 85	Bahrain
## 86	Bahrain
## 87	Bahrain
## 88	Bahrain
## 89	Bahrain
## 90	Bahrain
## 91	Bahrain
## 92	Bahrain
## 93	Bahrain
## 94	Bahrain
## 95	Bahrain
## 96	Bahrain

## 97	Bangladesh
## 98	Bangladesh
## 99	Bangladesh
## 100	Bangladesh
## 101	Bangladesh
## 102	Bangladesh
## 103	Bangladesh
## 104	Bangladesh
## 105	Bangladesh
## 106	Bangladesh
## 107	Bangladesh
## 108	Bangladesh
## 109	Belgium
## 110	Belgium
## 111	Belgium
## 112	Belgium
## 113	Belgium
## 114	Belgium
## 115	Belgium
## 116	Belgium
## 117	Belgium
## 118	Belgium
## 119	Belgium
## 120	Belgium
## 121	Benin
## 122	Benin
## 123	Benin
## 124	Benin
## 125	Benin
## 126	Benin
## 127	Benin
## 128	Benin
## 129	Benin
## 130	Benin
## 131	Benin
## 132	Benin
## 133	Bolivia
## 134	Bolivia
## 135	Bolivia
## 136	Bolivia
## 137	Bolivia
## 138	Bolivia
## 139	Bolivia
## 140	Bolivia
## 141	Bolivia
## 142	Bolivia
## 143	Bolivia
## 144	Bolivia
## 145	Bosnia and Herzegovina
## 146	Bosnia and Herzegovina
## 147	Bosnia and Herzegovina
## 148	Bosnia and Herzegovina
## 149	Bosnia and Herzegovina
## 150	Bosnia and Herzegovina

## 151	Bosnia and Herzegovina
## 152	Bosnia and Herzegovina
## 153	Bosnia and Herzegovina
## 154	Bosnia and Herzegovina
## 155	Bosnia and Herzegovina
## 156	Bosnia and Herzegovina
## 157	Botswana
## 158	Botswana
## 159	Botswana
## 160	Botswana
## 161	Botswana
## 162	Botswana
## 163	Botswana
## 164	Botswana
## 165	Botswana
## 166	Botswana
## 167	Botswana
## 168	Botswana
## 169	Brazil
## 170	Brazil
## 171	Brazil
## 172	Brazil
## 173	Brazil
## 174	Brazil
## 175	Brazil
## 176	Brazil
## 177	Brazil
## 178	Brazil
## 179	Brazil
## 180	Brazil
## 181	Bulgaria
## 182	Bulgaria
## 183	Bulgaria
## 184	Bulgaria
## 185	Bulgaria
## 186	Bulgaria
## 187	Bulgaria
## 188	Bulgaria
## 189	Bulgaria
## 190	Bulgaria
## 191	Bulgaria
## 192	Bulgaria
## 193	Burkina Faso
## 194	Burkina Faso
## 195	Burkina Faso
## 196	Burkina Faso
## 197	Burkina Faso
## 198	Burkina Faso
## 199	Burkina Faso
## 200	Burkina Faso
## 201	Burkina Faso
## 202	Burkina Faso
## 203	Burkina Faso
## 204	Burkina Faso

## 205	Burundi
## 206	Burundi
## 207	Burundi
## 208	Burundi
## 209	Burundi
## 210	Burundi
## 211	Burundi
## 212	Burundi
## 213	Burundi
## 214	Burundi
## 215	Burundi
## 216	Burundi
## 217	Cambodia
## 218	Cambodia
## 219	Cambodia
## 220	Cambodia
## 221	Cambodia
## 222	Cambodia
## 223	Cambodia
## 224	Cambodia
## 225	Cambodia
## 226	Cambodia
## 227	Cambodia
## 228	Cambodia
## 229	Cameroon
## 230	Cameroon
## 231	Cameroon
## 232	Cameroon
## 233	Cameroon
## 234	Cameroon
## 235	Cameroon
## 236	Cameroon
## 237	Cameroon
## 238	Cameroon
## 239	Cameroon
## 240	Cameroon
## 241	Canada
## 242	Canada
## 243	Canada
## 244	Canada
## 245	Canada
## 246	Canada
## 247	Canada
## 248	Canada
## 249	Canada
## 250	Canada
## 251	Canada
## 252	Canada
## 253	Central African Republic
## 254	Central African Republic
## 255	Central African Republic
## 256	Central African Republic
## 257	Central African Republic
## 258	Central African Republic

## 259	Central African Republic
## 260	Central African Republic
## 261	Central African Republic
## 262	Central African Republic
## 263	Central African Republic
## 264	Central African Republic
## 265	Chad
## 266	Chad
## 267	Chad
## 268	Chad
## 269	Chad
## 270	Chad
## 271	Chad
## 272	Chad
## 273	Chad
## 274	Chad
## 275	Chad
## 276	Chad
## 277	Chile
## 278	Chile
## 279	Chile
## 280	Chile
## 281	Chile
## 282	Chile
## 283	Chile
## 284	Chile
## 285	Chile
## 286	Chile
## 287	Chile
## 288	Chile
## 289	China
## 290	China
## 291	China
## 292	China
## 293	China
## 294	China
## 295	China
## 296	China
## 297	China
## 298	China
## 299	China
## 300	China
## 301	Colombia
## 302	Colombia
## 303	Colombia
## 304	Colombia
## 305	Colombia
## 306	Colombia
## 307	Colombia
## 308	Colombia
## 309	Colombia
## 310	Colombia
## 311	Colombia
## 312	Colombia

## 313	Comoros
## 314	Comoros
## 315	Comoros
## 316	Comoros
## 317	Comoros
## 318	Comoros
## 319	Comoros
## 320	Comoros
## 321	Comoros
## 322	Comoros
## 323	Comoros
## 324	Comoros
## 325	Congo, Dem. Rep.
## 326	Congo, Dem. Rep.
## 327	Congo, Dem. Rep.
## 328	Congo, Dem. Rep.
## 329	Congo, Dem. Rep.
## 330	Congo, Dem. Rep.
## 331	Congo, Dem. Rep.
## 332	Congo, Dem. Rep.
## 333	Congo, Dem. Rep.
## 334	Congo, Dem. Rep.
## 335	Congo, Dem. Rep.
## 336	Congo, Dem. Rep.
## 337	Congo, Rep.
## 338	Congo, Rep.
## 339	Congo, Rep.
## 340	Congo, Rep.
## 341	Congo, Rep.
## 342	Congo, Rep.
## 343	Congo, Rep.
## 344	Congo, Rep.
## 345	Congo, Rep.
## 346	Congo, Rep.
## 347	Congo, Rep.
## 348	Congo, Rep.
## 349	Costa Rica
## 350	Costa Rica
## 351	Costa Rica
## 352	Costa Rica
## 353	Costa Rica
## 354	Costa Rica
## 355	Costa Rica
## 356	Costa Rica
## 357	Costa Rica
## 358	Costa Rica
## 359	Costa Rica
## 360	Costa Rica
## 361	Cote d'Ivoire\tAfrica\t1952\t40.477\t2977019\t1388.594732\nCote d'Ivoire
## 362	Cote d'Ivoire\tAfrica\t1962\t44.93\t3832408\t1728.869428\nCote d'Ivoire
## 363	Cote d'Ivoire\tAfrica\t1972\t49.801\t6071696\t2378.201111\nCote d'Ivoire
## 364	Cote d'Ivoire\tAfrica\t1982\t53.983\t9025951\t2602.710169\nCote d'Ivoire
## 365	Cote d'Ivoire\tAfrica\t1992\t52.044\t12772596\t1648.073791\nCote d'Ivoire
## 366	Cote d'Ivoire\tAfrica\t2002\t46.832\t16252726\t1648.800823\nCote d'Ivoire

## 367	Croatia
## 368	Croatia
## 369	Croatia
## 370	Croatia
## 371	Croatia
## 372	Croatia
## 373	Croatia
## 374	Croatia
## 375	Croatia
## 376	Croatia
## 377	Croatia
## 378	Croatia
## 379	Cuba
## 380	Cuba
## 381	Cuba
## 382	Cuba
## 383	Cuba
## 384	Cuba
## 385	Cuba
## 386	Cuba
## 387	Cuba
## 388	Cuba
## 389	Cuba
## 390	Cuba
## 391	Czech Republic
## 392	Czech Republic
## 393	Czech Republic
## 394	Czech Republic
## 395	Czech Republic
## 396	Czech Republic
## 397	Czech Republic
## 398	Czech Republic
## 399	Czech Republic
## 400	Czech Republic
## 401	Czech Republic
## 402	Czech Republic
## 403	Denmark
## 404	Denmark
## 405	Denmark
## 406	Denmark
## 407	Denmark
## 408	Denmark
## 409	Denmark
## 410	Denmark
## 411	Denmark
## 412	Denmark
## 413	Denmark
## 414	Denmark
## 415	Djibouti
## 416	Djibouti
## 417	Djibouti
## 418	Djibouti
## 419	Djibouti
## 420	Djibouti

## 421	Djibouti
## 422	Djibouti
## 423	Djibouti
## 424	Djibouti
## 425	Djibouti
## 426	Djibouti
## 427	Dominican Republic
## 428	Dominican Republic
## 429	Dominican Republic
## 430	Dominican Republic
## 431	Dominican Republic
## 432	Dominican Republic
## 433	Dominican Republic
## 434	Dominican Republic
## 435	Dominican Republic
## 436	Dominican Republic
## 437	Dominican Republic
## 438	Dominican Republic
## 439	Ecuador
## 440	Ecuador
## 441	Ecuador
## 442	Ecuador
## 443	Ecuador
## 444	Ecuador
## 445	Ecuador
## 446	Ecuador
## 447	Ecuador
## 448	Ecuador
## 449	Ecuador
## 450	Ecuador
## 451	Egypt
## 452	Egypt
## 453	Egypt
## 454	Egypt
## 455	Egypt
## 456	Egypt
## 457	Egypt
## 458	Egypt
## 459	Egypt
## 460	Egypt
## 461	Egypt
## 462	Egypt
## 463	El Salvador
## 464	El Salvador
## 465	El Salvador
## 466	El Salvador
## 467	El Salvador
## 468	El Salvador
## 469	El Salvador
## 470	El Salvador
## 471	El Salvador
## 472	El Salvador
## 473	El Salvador
## 474	El Salvador

## 475	Equatorial Guinea
## 476	Equatorial Guinea
## 477	Equatorial Guinea
## 478	Equatorial Guinea
## 479	Equatorial Guinea
## 480	Equatorial Guinea
## 481	Equatorial Guinea
## 482	Equatorial Guinea
## 483	Equatorial Guinea
## 484	Equatorial Guinea
## 485	Equatorial Guinea
## 486	Equatorial Guinea
## 487	Eritrea
## 488	Eritrea
## 489	Eritrea
## 490	Eritrea
## 491	Eritrea
## 492	Eritrea
## 493	Eritrea
## 494	Eritrea
## 495	Eritrea
## 496	Eritrea
## 497	Eritrea
## 498	Eritrea
## 499	Ethiopia
## 500	Ethiopia
## 501	Ethiopia
## 502	Ethiopia
## 503	Ethiopia
## 504	Ethiopia
## 505	Ethiopia
## 506	Ethiopia
## 507	Ethiopia
## 508	Ethiopia
## 509	Ethiopia
## 510	Ethiopia
## 511	Finland
## 512	Finland
## 513	Finland
## 514	Finland
## 515	Finland
## 516	Finland
## 517	Finland
## 518	Finland
## 519	Finland
## 520	Finland
## 521	Finland
## 522	Finland
## 523	France
## 524	France
## 525	France
## 526	France
## 527	France
## 528	France

## 529	France
## 530	France
## 531	France
## 532	France
## 533	France
## 534	France
## 535	Gabon
## 536	Gabon
## 537	Gabon
## 538	Gabon
## 539	Gabon
## 540	Gabon
## 541	Gabon
## 542	Gabon
## 543	Gabon
## 544	Gabon
## 545	Gabon
## 546	Gabon
## 547	Gambia
## 548	Gambia
## 549	Gambia
## 550	Gambia
## 551	Gambia
## 552	Gambia
## 553	Gambia
## 554	Gambia
## 555	Gambia
## 556	Gambia
## 557	Gambia
## 558	Gambia
## 559	Germany
## 560	Germany
## 561	Germany
## 562	Germany
## 563	Germany
## 564	Germany
## 565	Germany
## 566	Germany
## 567	Germany
## 568	Germany
## 569	Germany
## 570	Germany
## 571	Ghana
## 572	Ghana
## 573	Ghana
## 574	Ghana
## 575	Ghana
## 576	Ghana
## 577	Ghana
## 578	Ghana
## 579	Ghana
## 580	Ghana
## 581	Ghana
## 582	Ghana

## 583	Greece
## 584	Greece
## 585	Greece
## 586	Greece
## 587	Greece
## 588	Greece
## 589	Greece
## 590	Greece
## 591	Greece
## 592	Greece
## 593	Greece
## 594	Greece
## 595	Guatemala
## 596	Guatemala
## 597	Guatemala
## 598	Guatemala
## 599	Guatemala
## 600	Guatemala
## 601	Guatemala
## 602	Guatemala
## 603	Guatemala
## 604	Guatemala
## 605	Guatemala
## 606	Guatemala
## 607	Guinea
## 608	Guinea
## 609	Guinea
## 610	Guinea
## 611	Guinea
## 612	Guinea
## 613	Guinea
## 614	Guinea
## 615	Guinea
## 616	Guinea
## 617	Guinea
## 618	Guinea
## 619	Guinea-Bissau
## 620	Guinea-Bissau
## 621	Guinea-Bissau
## 622	Guinea-Bissau
## 623	Guinea-Bissau
## 624	Guinea-Bissau
## 625	Guinea-Bissau
## 626	Guinea-Bissau
## 627	Guinea-Bissau
## 628	Guinea-Bissau
## 629	Guinea-Bissau
## 630	Guinea-Bissau
## 631	Haiti
## 632	Haiti
## 633	Haiti
## 634	Haiti
## 635	Haiti
## 636	Haiti

## 637	Haiti
## 638	Haiti
## 639	Haiti
## 640	Haiti
## 641	Haiti
## 642	Haiti
## 643	Honduras
## 644	Honduras
## 645	Honduras
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## 1651	West Bank and Gaza
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## 1663	Yemen, Rep.
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##	continent year lifeExp pop gdpPercap gdp
## 1	Asia 1952 28.80100 8425333 779.4453 6.567086e+09
## 2	Asia 1957 30.33200 9240934 820.8530 7.585449e+09
## 3	Asia 1962 31.99700 10267083 853.1007 8.758856e+09
## 4	Asia 1967 34.02000 11537966 836.1971 9.648014e+09
## 5	Asia 1972 36.08800 13079460 739.9811 9.678553e+09
## 6	Asia 1977 38.43800 14880372 786.1134 1.169766e+10
## 7	Asia 1982 39.85400 12881816 978.0114 1.259856e+10
## 8	Asia 1987 40.82200 13867957 852.3959 1.182099e+10
## 9	Asia 1992 41.67400 16317921 649.3414 1.059590e+10
## 10	Asia 1997 41.76300 22227415 635.3414 1.412200e+10
## 11	Asia 2002 42.12900 25268405 726.7341 1.836341e+10
## 12	Asia 2007 43.82800 31889923 974.5803 3.107929e+10
## 13	Europe 1952 55.23000 1282697 1601.0561 2.053670e+09
## 14	Europe 1957 59.28000 1476505 1942.2842 2.867792e+09
## 15	Europe 1962 64.82000 1728137 2312.8890 3.996989e+09
## 16	Europe 1967 66.22000 1984060 2760.1969 5.476396e+09
## 17	Europe 1972 67.69000 2263554 3313.4222 7.500110e+09

## 18	Europe	1977	68.93000	2509048	3533.0039	8.864476e+09
## 19	Europe	1982	70.42000	2780097	3630.8807	1.009420e+10
## 20	Europe	1987	72.00000	3075321	3738.9327	1.149842e+10
## 21	Europe	1992	71.58100	3326498	2497.4379	8.307722e+09
## 22	Europe	1997	72.95000	3428038	3193.0546	1.094591e+10
## 23	Europe	2002	75.65100	3508512	4604.2117	1.615393e+10
## 24	Europe	2007	76.42300	3600523	5937.0295	2.137641e+10
## 25	Africa	1952	43.07700	9279525	2449.0082	2.272563e+10
## 26	Africa	1957	45.68500	10270856	3013.9760	3.095611e+10
## 27	Africa	1962	48.30300	11000948	2550.8169	2.806140e+10
## 28	Africa	1967	51.40700	12760499	3246.9918	4.143324e+10
## 29	Africa	1972	54.51800	14760787	4182.6638	6.173941e+10
## 30	Africa	1977	58.01400	17152804	4910.4168	8.422742e+10
## 31	Africa	1982	61.36800	20033753	5745.1602	1.150971e+11
## 32	Africa	1987	65.79900	23254956	5681.3585	1.321197e+11
## 33	Africa	1992	67.74400	26298373	5023.2166	1.321024e+11
## 34	Africa	1997	69.15200	29072015	4797.2951	1.394670e+11
## 35	Africa	2002	70.99400	31287142	5288.0404	1.654477e+11
## 36	Africa	2007	72.30100	33333216	6223.3675	2.074449e+11
## 37	Africa	1952	30.01500	4232095	3520.6103	1.489956e+10
## 38	Africa	1957	31.99900	4561361	3827.9405	1.746062e+10
## 39	Africa	1962	34.00000	4826015	4269.2767	2.060359e+10
## 40	Africa	1967	35.98500	5247469	5522.7764	2.898060e+10
## 41	Africa	1972	37.92800	5894858	5473.2880	3.226426e+10
## 42	Africa	1977	39.48300	6162675	3008.6474	1.854132e+10
## 43	Africa	1982	39.94200	7016384	2756.9537	1.934385e+10
## 44	Africa	1987	39.90600	7874230	2430.2083	1.913602e+10
## 45	Africa	1992	40.64700	8735988	2627.8457	2.295683e+10
## 46	Africa	1997	40.96300	9875024	2277.1409	2.248682e+10
## 47	Africa	2002	41.00300	10866106	2773.2873	3.013483e+10
## 48	Africa	2007	42.73100	12420476	4797.2313	5.958390e+10
## 49	Americas	1952	62.48500	17876956	5911.3151	1.056763e+11
## 50	Americas	1957	64.39900	19610538	6856.8562	1.344666e+11
## 51	Americas	1962	65.14200	21283783	7133.1660	1.518208e+11
## 52	Americas	1967	65.63400	22934225	8052.9530	1.846882e+11
## 53	Americas	1972	67.06500	24779799	9443.0385	2.339966e+11
## 54	Americas	1977	68.48100	26983828	10079.0267	2.719707e+11
## 55	Americas	1982	69.94200	29341374	8997.8974	2.640107e+11
## 56	Americas	1987	70.77400	31620918	9139.6714	2.890048e+11
## 57	Americas	1992	71.86800	33958947	9308.4187	3.161041e+11
## 58	Americas	1997	73.27500	36203463	10967.2820	3.970536e+11
## 59	Americas	2002	74.34000	38331121	8797.6407	3.372234e+11
## 60	Americas	2007	75.32000	40301927	12779.3796	5.150336e+11
## 61	Oceania	1952	69.12000	8691212	10039.5956	8.725625e+10
## 62	Oceania	1957	70.33000	9712569	10949.6496	1.063492e+11
## 63	Oceania	1962	70.93000	10794968	12217.2269	1.318846e+11
## 64	Oceania	1967	71.10000	11872264	14526.1246	1.724580e+11
## 65	Oceania	1972	71.93000	13177000	16788.6295	2.212238e+11
## 66	Oceania	1977	73.49000	14074100	18334.1975	2.580373e+11
## 67	Oceania	1982	74.74000	15184200	19477.0093	2.957428e+11
## 68	Oceania	1987	76.32000	16257249	21888.8890	3.558531e+11
## 69	Oceania	1992	77.56000	17481977	23424.7668	4.095112e+11
## 70	Oceania	1997	78.83000	18565243	26997.9366	5.012233e+11
## 71	Oceania	2002	80.37000	19546792	30687.7547	5.998472e+11

## 72	Oceania	2007	81.23500	20434176	34435.3674	7.036584e+11
## 73	Europe	1952	66.80000	6927772	6137.0765	4.251627e+10
## 74	Europe	1957	67.48000	6965860	8842.5980	6.159630e+10
## 75	Europe	1962	69.54000	7129864	10750.7211	7.665118e+10
## 76	Europe	1967	70.14000	7376998	12834.6024	9.468084e+10
## 77	Europe	1972	70.63000	7544201	16661.6256	1.256987e+11
## 78	Europe	1977	72.17000	7568430	19749.4223	1.494721e+11
## 79	Europe	1982	73.18000	7574613	21597.0836	1.635896e+11
## 80	Europe	1987	74.94000	7578903	23687.8261	1.795277e+11
## 81	Europe	1992	76.04000	7914969	27042.0187	2.140367e+11
## 82	Europe	1997	77.51000	8069876	29095.9207	2.348005e+11
## 83	Europe	2002	78.98000	8148312	32417.6077	2.641488e+11
## 84	Europe	2007	79.82900	8199783	36126.4927	2.962294e+11
## 85	Asia	1952	50.93900	120447	9867.0848	1.188461e+09
## 86	Asia	1957	53.83200	138655	11635.7995	1.613362e+09
## 87	Asia	1962	56.92300	171863	12753.2751	2.191816e+09
## 88	Asia	1967	59.92300	202182	14804.6727	2.993238e+09
## 89	Asia	1972	63.30000	230800	18268.6584	4.216406e+09
## 90	Asia	1977	65.59300	297410	19340.1020	5.751940e+09
## 91	Asia	1982	69.05200	377967	19211.1473	7.261180e+09
## 92	Asia	1987	70.75000	454612	18524.0241	8.421244e+09
## 93	Asia	1992	72.60100	529491	19035.5792	1.007917e+10
## 94	Asia	1997	73.92500	598561	20292.0168	1.214601e+10
## 95	Asia	2002	74.79500	656397	23403.5593	1.536203e+10
## 96	Asia	2007	75.63500	708573	29796.0483	2.111268e+10
## 97	Asia	1952	37.48400	46886859	684.2442	3.208206e+10
## 98	Asia	1957	39.34800	51365468	661.6375	3.398532e+10
## 99	Asia	1962	41.21600	56839289	686.3416	3.901117e+10
## 100	Asia	1967	43.45300	62821884	721.1861	4.530627e+10
## 101	Asia	1972	45.25200	70759295	630.2336	4.459489e+10
## 102	Asia	1977	46.92300	80428306	659.8772	5.307281e+10
## 103	Asia	1982	50.00900	93074406	676.9819	6.300969e+10
## 104	Asia	1987	52.81900	103764241	751.9794	7.802857e+10
## 105	Asia	1992	56.01800	113704579	837.8102	9.526285e+10
## 106	Asia	1997	59.41200	123315288	972.7700	1.199574e+11
## 107	Asia	2002	62.01300	135656790	1136.3904	1.541591e+11
## 108	Asia	2007	64.06200	150448339	1391.2538	2.093118e+11
## 109	Europe	1952	68.00000	8730405	8343.1051	7.283869e+10
## 110	Europe	1957	69.24000	8989111	9714.9606	8.732886e+10
## 111	Europe	1962	70.25000	9218400	10991.2068	1.013213e+11
## 112	Europe	1967	70.94000	9556500	13149.0412	1.256588e+11
## 113	Europe	1972	71.44000	9709100	16672.1436	1.618715e+11
## 114	Europe	1977	72.80000	9821800	19117.9745	1.877729e+11
## 115	Europe	1982	73.93000	9856303	20979.8459	2.067837e+11
## 116	Europe	1987	75.35000	9870200	22525.5631	2.223318e+11
## 117	Europe	1992	76.46000	10045622	25575.5707	2.569225e+11
## 118	Europe	1997	77.53000	10199787	27561.1966	2.811183e+11
## 119	Europe	2002	78.32000	10311970	30485.8838	3.143695e+11
## 120	Europe	2007	79.44100	10392226	33692.6051	3.501412e+11
## 121	Africa	1952	38.22300	1738315	1062.7522	1.847398e+09
## 122	Africa	1957	40.35800	1925173	959.6011	1.847398e+09
## 123	Africa	1962	42.61800	2151895	949.4991	2.043222e+09
## 124	Africa	1967	44.88500	2427334	1035.8314	2.514309e+09
## 125	Africa	1972	47.01400	2761407	1085.7969	2.998327e+09

## 126	Africa	1977	49.19000	3168267	1029.1613	3.260658e+09
## 127	Africa	1982	50.90400	3641603	1277.8976	4.653596e+09
## 128	Africa	1987	52.33700	4243788	1225.8560	5.202273e+09
## 129	Africa	1992	53.91900	4981671	1191.2077	5.934205e+09
## 130	Africa	1997	54.77700	6066080	1232.9753	7.479327e+09
## 131	Africa	2002	54.40600	7026113	1372.8779	9.645995e+09
## 132	Africa	2007	56.72800	8078314	1441.2849	1.164315e+10
## 133	Americas	1952	40.41400	2883315	2677.3263	7.719575e+09
## 134	Americas	1957	41.89000	3211738	2127.6863	6.833571e+09
## 135	Americas	1962	43.42800	3593918	2180.9725	7.838236e+09
## 136	Americas	1967	45.03200	4040665	2586.8861	1.045274e+10
## 137	Americas	1972	46.71400	4565872	2980.3313	1.360781e+10
## 138	Americas	1977	50.02300	5079716	3548.0978	1.802333e+10
## 139	Americas	1982	53.85900	5642224	3156.5105	1.780974e+10
## 140	Americas	1987	57.25100	6156369	2753.6915	1.695274e+10
## 141	Americas	1992	59.95700	6893451	2961.6997	2.041633e+10
## 142	Americas	1997	62.05000	7693188	3326.1432	2.558864e+10
## 143	Americas	2002	63.88300	8445134	3413.2627	2.882546e+10
## 144	Americas	2007	65.55400	9119152	3822.1371	3.485465e+10
## 145	Europe	1952	53.82000	2791000	973.5332	2.717131e+09
## 146	Europe	1957	58.45000	3076000	1353.9892	4.164871e+09
## 147	Europe	1962	61.93000	3349000	1709.6837	5.725731e+09
## 148	Europe	1967	64.79000	3585000	2172.3524	7.787883e+09
## 149	Europe	1972	67.45000	3819000	2860.1698	1.092299e+10
## 150	Europe	1977	69.86000	4086000	3528.4813	1.441737e+10
## 151	Europe	1982	70.69000	4172693	4126.6132	1.721909e+10
## 152	Europe	1987	71.14000	4338977	4314.1148	1.871884e+10
## 153	Europe	1992	72.17800	4256013	2546.7814	1.083913e+10
## 154	Europe	1997	73.24400	3607000	4766.3559	1.719225e+10
## 155	Europe	2002	74.09000	4165416	6018.9752	2.507154e+10
## 156	Europe	2007	74.85200	4552198	7446.2988	3.389703e+10
## 157	Africa	1952	47.62200	442308	851.2411	3.765108e+08
## 158	Africa	1957	49.61800	474639	918.2325	4.358290e+08
## 159	Africa	1962	51.52000	512764	983.6540	5.043823e+08
## 160	Africa	1967	53.29800	553541	1214.7093	6.723914e+08
## 161	Africa	1972	56.02400	619351	2263.6111	1.401970e+09
## 162	Africa	1977	59.31900	781472	3214.8578	2.512321e+09
## 163	Africa	1982	61.48400	970347	4551.1421	4.416187e+09
## 164	Africa	1987	63.62200	1151184	6205.8839	7.144114e+09
## 165	Africa	1992	62.74500	1342614	7954.1116	1.067930e+10
## 166	Africa	1997	52.55600	1536536	8647.1423	1.328665e+10
## 167	Africa	2002	46.63400	1630347	11003.6051	1.793969e+10
## 168	Africa	2007	50.72800	1639131	12569.8518	2.060363e+10
## 169	Americas	1952	50.91700	56602560	2108.9444	1.193716e+11
## 170	Americas	1957	53.28500	65551171	2487.3660	1.630498e+11
## 171	Americas	1962	55.66500	76039390	3336.5858	2.537119e+11
## 172	Americas	1967	57.63200	88049823	3429.8644	3.019989e+11
## 173	Americas	1972	59.50400	100840058	4985.7115	5.027594e+11
## 174	Americas	1977	61.48900	114313951	6660.1187	7.613445e+11
## 175	Americas	1982	63.33600	128962939	7030.8359	9.067173e+11
## 176	Americas	1987	65.20500	142938076	7807.0958	1.115931e+12
## 177	Americas	1992	67.05700	155975974	6950.2830	1.084077e+12
## 178	Americas	1997	69.38800	168546719	7957.9808	1.341292e+12
## 179	Americas	2002	71.00600	179914212	8131.2128	1.462921e+12

## 180	Americas	2007	72.39000	190010647	9065.8008	1.722599e+12
## 181	Europe	1952	59.60000	7274900	2444.2866	1.778194e+10
## 182	Europe	1957	66.61000	7651254	3008.6707	2.302010e+10
## 183	Europe	1962	69.51000	8012946	4254.3378	3.408978e+10
## 184	Europe	1967	70.42000	8310226	5577.0028	4.634615e+10
## 185	Europe	1972	70.90000	8576200	6597.4944	5.658143e+10
## 186	Europe	1977	70.81000	8797022	7612.2404	6.696505e+10
## 187	Europe	1982	71.08000	8892098	8224.1916	7.313032e+10
## 188	Europe	1987	71.34000	8971958	8239.8548	7.392763e+10
## 189	Europe	1992	71.19000	8658506	6302.6234	5.457130e+10
## 190	Europe	1997	70.32000	8066057	5970.3888	4.815750e+10
## 191	Europe	2002	72.14000	7661799	7696.7777	5.897116e+10
## 192	Europe	2007	73.00500	7322858	10680.7928	7.821393e+10
## 193	Africa	1952	31.97500	4469979	543.2552	2.428340e+09
## 194	Africa	1957	34.90600	4713416	617.1835	2.909042e+09
## 195	Africa	1962	37.81400	4919632	722.5120	3.554493e+09
## 196	Africa	1967	40.69700	5127935	794.8266	4.075819e+09
## 197	Africa	1972	43.59100	5433886	854.7360	4.644538e+09
## 198	Africa	1977	46.13700	5889574	743.3870	4.378233e+09
## 199	Africa	1982	48.12200	6634596	807.1986	5.355437e+09
## 200	Africa	1987	49.55700	7586551	912.0631	6.919414e+09
## 201	Africa	1992	50.26000	8878303	931.7528	8.272383e+09
## 202	Africa	1997	50.32400	10352843	946.2950	9.796843e+09
## 203	Africa	2002	50.65000	12251209	1037.6452	1.271241e+10
## 204	Africa	2007	52.29500	14326203	1217.0330	1.743546e+10
## 205	Africa	1952	39.03100	2445618	339.2965	8.297895e+08
## 206	Africa	1957	40.53300	2667518	379.5646	1.012495e+09
## 207	Africa	1962	42.04500	2961915	355.2032	1.052082e+09
## 208	Africa	1967	43.54800	3330989	412.9775	1.375624e+09
## 209	Africa	1972	44.05700	3529983	464.0995	1.638263e+09
## 210	Africa	1977	45.91000	3834415	556.1033	2.132331e+09
## 211	Africa	1982	47.47100	4580410	559.6032	2.563212e+09
## 212	Africa	1987	48.21100	5126023	621.8188	3.187458e+09
## 213	Africa	1992	44.73600	5809236	631.6999	3.669694e+09
## 214	Africa	1997	45.32600	6121610	463.1151	2.835010e+09
## 215	Africa	2002	47.36000	7021078	446.4035	3.134234e+09
## 216	Africa	2007	49.58000	8390505	430.0707	3.608510e+09
## 217	Asia	1952	39.41700	4693836	368.4693	1.729534e+09
## 218	Asia	1957	41.36600	5322536	434.0383	2.310185e+09
## 219	Asia	1962	43.41500	6083619	496.9136	3.023033e+09
## 220	Asia	1967	45.41500	6960067	523.4323	3.643124e+09
## 221	Asia	1972	40.31700	7450606	421.6240	3.141354e+09
## 222	Asia	1977	31.22000	6978607	524.9722	3.663575e+09
## 223	Asia	1982	50.95700	7272485	624.4755	4.541489e+09
## 224	Asia	1987	53.91400	8371791	683.8956	5.725431e+09
## 225	Asia	1992	55.80300	10150094	682.3032	6.925441e+09
## 226	Asia	1997	56.53400	11782962	734.2852	8.652054e+09
## 227	Asia	2002	56.75200	12926707	896.2260	1.158525e+10
## 228	Asia	2007	59.72300	14131858	1713.7787	2.421888e+10
## 229	Africa	1952	38.52300	5009067	1172.6677	5.873971e+09
## 230	Africa	1957	40.42800	5359923	1313.0481	7.037837e+09
## 231	Africa	1962	42.64300	5793633	1399.6074	8.108812e+09
## 232	Africa	1967	44.79900	6335506	1508.4531	9.556814e+09
## 233	Africa	1972	47.04900	7021028	1684.1465	1.182444e+10

## 234	Africa	1977	49.35500	7959865	1783.4329	1.419588e+10
## 235	Africa	1982	52.96100	9250831	2367.9833	2.190581e+10
## 236	Africa	1987	54.98500	10780667	2602.6642	2.805846e+10
## 237	Africa	1992	54.31400	12467171	1793.1633	2.235567e+10
## 238	Africa	1997	52.19900	14195809	1694.3375	2.405249e+10
## 239	Africa	2002	49.85600	15929988	1934.0114	3.080878e+10
## 240	Africa	2007	50.43000	17696293	2042.0952	3.613752e+10
## 241	Americas	1952	68.75000	14785584	11367.1611	1.680701e+11
## 242	Americas	1957	69.96000	17010154	12489.9501	2.124560e+11
## 243	Americas	1962	71.30000	18985849	13462.4855	2.555967e+11
## 244	Americas	1967	72.13000	20819767	16076.5880	3.347108e+11
## 245	Americas	1972	72.88000	22284500	18970.5709	4.227497e+11
## 246	Americas	1977	74.21000	23796400	22090.8831	5.256835e+11
## 247	Americas	1982	75.76000	25201900	22898.7921	5.770931e+11
## 248	Americas	1987	76.86000	26549700	26626.5150	7.069260e+11
## 249	Americas	1992	77.95000	28523502	26342.8843	7.513913e+11
## 250	Americas	1997	78.61000	30305843	28954.9259	8.775034e+11
## 251	Americas	2002	79.77000	31902268	33328.9651	1.063270e+12
## 252	Americas	2007	80.65300	33390141	36319.2350	1.212704e+12
## 253	Africa	1952	35.46300	1291695	1071.3107	1.383807e+09
## 254	Africa	1957	37.46400	1392284	1190.8443	1.657994e+09
## 255	Africa	1962	39.47500	1523478	1193.0688	1.817614e+09
## 256	Africa	1967	41.47800	1733638	1136.0566	1.969511e+09
## 257	Africa	1972	43.45700	1927260	1070.0133	2.062194e+09
## 258	Africa	1977	46.77500	2167533	1109.3743	2.404605e+09
## 259	Africa	1982	48.29500	2476971	956.7530	2.369849e+09
## 260	Africa	1987	50.48500	2840009	844.8764	2.399456e+09
## 261	Africa	1992	49.39600	3265124	747.9055	2.442004e+09
## 262	Africa	1997	46.06600	3696513	740.5063	2.737291e+09
## 263	Africa	2002	43.30800	4048013	738.6906	2.990229e+09
## 264	Africa	2007	44.74100	4369038	706.0165	3.084613e+09
## 265	Africa	1952	38.09200	2682462	1178.6659	3.161727e+09
## 266	Africa	1957	39.88100	2894855	1308.4956	3.787905e+09
## 267	Africa	1962	41.71600	3150417	1389.8176	4.378505e+09
## 268	Africa	1967	43.60100	3495967	1196.8106	4.184010e+09
## 269	Africa	1972	45.56900	3899068	1104.1040	4.304977e+09
## 270	Africa	1977	47.38300	4388260	1133.9850	4.976221e+09
## 271	Africa	1982	49.51700	4875118	797.9081	3.889896e+09
## 272	Africa	1987	51.05100	5498955	952.3861	5.237128e+09
## 273	Africa	1992	51.72400	6429417	1058.0643	6.802737e+09
## 274	Africa	1997	51.57300	7562011	1004.9614	7.599529e+09
## 275	Africa	2002	50.52500	8835739	1156.1819	1.021572e+10
## 276	Africa	2007	50.65100	10238807	1704.0637	1.744758e+10
## 277	Americas	1952	54.74500	6377619	3939.9788	2.512768e+10
## 278	Americas	1957	56.07400	7048426	4315.6227	3.041835e+10
## 279	Americas	1962	57.92400	7961258	4519.0943	3.597768e+10
## 280	Americas	1967	60.52300	8858908	5106.6543	4.523938e+10
## 281	Americas	1972	63.44100	9717524	5494.0244	5.338831e+10
## 282	Americas	1977	67.05200	10599793	4756.7638	5.042071e+10
## 283	Americas	1982	70.56500	11487112	5095.6657	5.853448e+10
## 284	Americas	1987	72.49200	12463354	5547.0638	6.913502e+10
## 285	Americas	1992	74.12600	13572994	7596.1260	1.031022e+11
## 286	Americas	1997	75.81600	14599929	10118.0532	1.477229e+11
## 287	Americas	2002	77.86000	15497046	10778.7838	1.670393e+11

## 288	Americas	2007	78.55300	16284741	13171.6388	2.144967e+11
## 289	Asia	1952	44.00000	556263527	400.4486	2.227550e+11
## 290	Asia	1957	50.54896	637408000	575.9870	3.671387e+11
## 291	Asia	1962	44.50136	665770000	487.6740	3.246787e+11
## 292	Asia	1967	58.38112	754550000	612.7057	4.623171e+11
## 293	Asia	1972	63.11888	862030000	676.9001	5.835082e+11
## 294	Asia	1977	63.96736	943455000	741.2375	6.993242e+11
## 295	Asia	1982	65.52500	1000281000	962.4214	9.626918e+11
## 296	Asia	1987	67.27400	1084035000	1378.9040	1.494780e+12
## 297	Asia	1992	68.69000	1164970000	1655.7842	1.928939e+12
## 298	Asia	1997	70.42600	1230075000	2289.2341	2.815930e+12
## 299	Asia	2002	72.02800	1280400000	3119.2809	3.993927e+12
## 300	Asia	2007	72.96100	1318683096	4959.1149	6.539501e+12
## 301	Americas	1952	50.64300	12350771	2144.1151	2.648147e+10
## 302	Americas	1957	55.11800	14485993	2323.8056	3.366263e+10
## 303	Americas	1962	57.86300	17009885	2492.3511	4.239461e+10
## 304	Americas	1967	59.96300	19764027	2678.7298	5.294249e+10
## 305	Americas	1972	61.62300	22542890	3264.6600	7.359487e+10
## 306	Americas	1977	63.83700	25094412	3815.8079	9.575545e+10
## 307	Americas	1982	66.65300	27764644	4397.5757	1.220971e+11
## 308	Americas	1987	67.76800	30964245	4903.2191	1.518245e+11
## 309	Americas	1992	68.42100	34202721	5444.6486	1.862218e+11
## 310	Americas	1997	70.31300	37657830	6117.3617	2.303666e+11
## 311	Americas	2002	71.68200	41008227	5755.2600	2.360130e+11
## 312	Americas	2007	72.88900	44227550	7006.5804	3.098839e+11
## 313	Africa	1952	40.71500	153936	1102.9909	1.697900e+08
## 314	Africa	1957	42.46000	170928	1211.1485	2.070192e+08
## 315	Africa	1962	44.46700	191689	1406.6483	2.696390e+08
## 316	Africa	1967	46.47200	217378	1876.0296	4.078076e+08
## 317	Africa	1972	48.94400	250027	1937.5777	4.844467e+08
## 318	Africa	1977	50.93900	304739	1172.6030	3.573379e+08
## 319	Africa	1982	52.93300	348643	1267.1001	4.417656e+08
## 320	Africa	1987	54.92600	395114	1315.9808	5.199624e+08
## 321	Africa	1992	57.93900	454429	1246.9074	5.666309e+08
## 322	Africa	1997	60.66000	527982	1173.6182	6.196493e+08
## 323	Africa	2002	62.97400	614382	1075.8116	6.609593e+08
## 324	Africa	2007	65.15200	710960	986.1479	7.011117e+08
## 325	Africa	1952	39.14300	14100005	780.5423	1.100565e+10
## 326	Africa	1957	40.65200	15577932	905.8602	1.411143e+10
## 327	Africa	1962	42.12200	17486434	896.3146	1.567335e+10
## 328	Africa	1967	44.05600	19941073	861.5932	1.718109e+10
## 329	Africa	1972	45.98900	23007669	904.8961	2.081955e+10
## 330	Africa	1977	47.80400	26480870	795.7573	2.107235e+10
## 331	Africa	1982	47.78400	30646495	673.7478	2.064801e+10
## 332	Africa	1987	47.41200	35481645	672.7748	2.387116e+10
## 333	Africa	1992	45.54800	41672143	457.7192	1.907414e+10
## 334	Africa	1997	42.58700	47798986	312.1884	1.492229e+10
## 335	Africa	2002	44.96600	55379852	241.1659	1.335573e+10
## 336	Africa	2007	46.46200	64606759	277.5519	1.793173e+10
## 337	Africa	1952	42.11100	854885	2125.6214	1.817162e+09
## 338	Africa	1957	45.05300	940458	2315.0566	2.177213e+09
## 339	Africa	1962	48.43500	1047924	2464.7832	2.582905e+09
## 340	Africa	1967	52.04000	1179760	2677.9396	3.159326e+09
## 341	Africa	1972	54.90700	1340458	3213.1527	4.307096e+09

## 342	Africa	1977	55.62500	1536769	3259.1790	5.008605e+09
## 343	Africa	1982	56.69500	1774735	4879.5075	8.659833e+09
## 344	Africa	1987	57.47000	2064095	4201.1949	8.671665e+09
## 345	Africa	1992	56.43300	2409073	4016.2395	9.675414e+09
## 346	Africa	1997	52.96200	2800947	3484.1644	9.758960e+09
## 347	Africa	2002	52.97000	3328795	3484.0620	1.159773e+10
## 348	Africa	2007	55.32200	3800610	3632.5578	1.380594e+10
## 349	Americas	1952	57.20600	926317	2627.0095	2.433444e+09
## 350	Americas	1957	60.02600	1112300	2990.0108	3.325789e+09
## 351	Americas	1962	62.84200	1345187	3460.9370	4.655607e+09
## 352	Americas	1967	65.42400	1588717	4161.7278	6.611808e+09
## 353	Americas	1972	67.84900	1834796	5118.1469	9.390756e+09
## 354	Americas	1977	70.75000	2108457	5926.8770	1.249657e+10
## 355	Americas	1982	73.45000	2424367	5262.7348	1.275880e+10
## 356	Americas	1987	74.75200	2799811	5629.9153	1.576270e+10
## 357	Americas	1992	75.71300	3173216	6160.4163	1.954833e+10
## 358	Americas	1997	77.26000	3518107	6677.0453	2.349056e+10
## 359	Americas	2002	78.12300	3834934	7723.4472	2.961891e+10
## 360	Americas	2007	78.78200	4133884	9645.0614	3.987157e+10
## 361	Africa	1957	42.46900	3300000	1500.8959	4.952957e+09
## 362	Africa	1967	47.35000	4744870	2052.0505	9.736713e+09
## 363	Africa	1977	52.37400	7459574	2517.7365	1.878124e+10
## 364	Africa	1987	54.65500	10761098	2156.9561	2.321122e+10
## 365	Africa	1997	47.99100	14625967	1786.2654	2.612586e+10
## 366	Africa	2007	48.32800	18013409	1544.7501	2.782622e+10
## 367	Europe	1952	61.21000	3882229	3119.2365	1.210959e+10
## 368	Europe	1957	64.77000	3991242	4338.2316	1.731493e+10
## 369	Europe	1962	67.13000	4076557	5477.8900	2.233093e+10
## 370	Europe	1967	68.50000	4174366	6960.2979	2.905483e+10
## 371	Europe	1972	69.61000	4225310	9164.0901	3.872112e+10
## 372	Europe	1977	70.64000	4318673	11305.3852	4.882426e+10
## 373	Europe	1982	70.46000	4413368	13221.8218	5.835277e+10
## 374	Europe	1987	71.52000	4484310	13822.5839	6.198475e+10
## 375	Europe	1992	72.52700	4494013	8447.7949	3.796450e+10
## 376	Europe	1997	73.68000	4444595	9875.6045	4.389306e+10
## 377	Europe	2002	74.87600	4481020	11628.3890	5.210704e+10
## 378	Europe	2007	75.74800	4493312	14619.2227	6.568873e+10
## 379	Americas	1952	59.42100	6007797	5586.5388	3.356279e+10
## 380	Americas	1957	62.32500	6640752	6092.1744	4.045662e+10
## 381	Americas	1962	65.24600	7254373	5180.7559	3.758314e+10
## 382	Americas	1967	68.29000	8139332	5690.2680	4.631498e+10
## 383	Americas	1972	70.72300	8831348	5305.4453	4.685423e+10
## 384	Americas	1977	72.64900	9537988	6380.4950	6.085708e+10
## 385	Americas	1982	73.71700	9789224	7316.9181	7.162695e+10
## 386	Americas	1987	74.17400	10239839	7532.9248	7.713594e+10
## 387	Americas	1992	74.41400	10723260	5592.8440	5.997352e+10
## 388	Americas	1997	76.15100	10983007	5431.9904	5.965959e+10
## 389	Americas	2002	77.15800	11226999	6340.6467	7.118643e+10
## 390	Americas	2007	78.27300	11416987	8948.1029	1.021604e+11
## 391	Europe	1952	66.87000	9125183	6876.1403	6.274604e+10
## 392	Europe	1957	69.03000	9513758	8256.3439	7.854886e+10
## 393	Europe	1962	69.90000	9620282	10136.8671	9.751952e+10
## 394	Europe	1967	70.38000	9835109	11399.4449	1.121148e+11
## 395	Europe	1972	70.29000	9862158	13108.4536	1.292776e+11

## 396	Europe	1977	70.71000	10161915	14800.1606	1.503980e+11
## 397	Europe	1982	70.96000	10303704	15377.2285	1.584424e+11
## 398	Europe	1987	71.58000	10311597	16310.4434	1.681867e+11
## 399	Europe	1992	72.40000	10315702	14297.0212	1.474838e+11
## 400	Europe	1997	74.01000	10300707	16048.5142	1.653110e+11
## 401	Europe	2002	75.51000	10256295	17596.2102	1.804719e+11
## 402	Europe	2007	76.48600	10228744	22833.3085	2.335561e+11
## 403	Europe	1952	70.78000	4334000	9692.3852	4.200680e+10
## 404	Europe	1957	71.81000	4487831	11099.6593	4.981340e+10
## 405	Europe	1962	72.35000	4646899	13583.3135	6.312029e+10
## 406	Europe	1967	72.96000	4838800	15937.2112	7.711698e+10
## 407	Europe	1972	73.47000	4991596	18866.2072	9.417248e+10
## 408	Europe	1977	74.69000	5088419	20422.9015	1.039203e+11
## 409	Europe	1982	74.63000	5117810	21688.0405	1.109953e+11
## 410	Europe	1987	74.80000	5127024	25116.1758	1.287712e+11
## 411	Europe	1992	75.33000	5171393	26406.7399	1.365596e+11
## 412	Europe	1997	76.11000	5283663	29804.3457	1.574761e+11
## 413	Europe	2002	77.18000	5374693	32166.5001	1.728851e+11
## 414	Europe	2007	78.33200	5468120	35278.4187	1.929066e+11
## 415	Africa	1952	34.81200	63149	2669.5295	1.685781e+08
## 416	Africa	1957	37.32800	71851	2864.9691	2.058509e+08
## 417	Africa	1962	39.69300	89898	3020.9893	2.715809e+08
## 418	Africa	1967	42.07400	127617	3020.0505	3.854098e+08
## 419	Africa	1972	44.36600	178848	3694.2124	6.607025e+08
## 420	Africa	1977	46.51900	228694	3081.7610	7.047803e+08
## 421	Africa	1982	48.81200	305991	2879.4681	8.810913e+08
## 422	Africa	1987	50.04000	311025	2880.1026	8.957839e+08
## 423	Africa	1992	51.60400	384156	2377.1562	9.131988e+08
## 424	Africa	1997	53.15700	417908	1895.0170	7.919428e+08
## 425	Africa	2002	53.37300	447416	1908.2609	8.537864e+08
## 426	Africa	2007	54.79100	496374	2082.4816	1.033690e+09
## 427	Americas	1952	45.92800	2491346	1397.7171	3.482197e+09
## 428	Americas	1957	49.82800	2923186	1544.4030	4.514577e+09
## 429	Americas	1962	53.45900	3453434	1662.1374	5.740082e+09
## 430	Americas	1967	56.75100	4049146	1653.7230	6.696166e+09
## 431	Americas	1972	59.63100	4671329	2189.8745	1.022962e+10
## 432	Americas	1977	61.78800	5302800	2681.9889	1.422205e+10
## 433	Americas	1982	63.72700	5968349	2861.0924	1.707600e+10
## 434	Americas	1987	66.04600	6655297	2899.8422	1.929931e+10
## 435	Americas	1992	68.45700	7351181	3044.2142	2.237857e+10
## 436	Americas	1997	69.95700	7992357	3614.1013	2.888519e+10
## 437	Americas	2002	70.84700	8650322	4563.8082	3.947841e+10
## 438	Americas	2007	72.23500	9319622	6025.3748	5.615422e+10
## 439	Americas	1952	48.35700	3548753	3522.1107	1.249910e+10
## 440	Americas	1957	51.35600	4058385	3780.5467	1.534291e+10
## 441	Americas	1962	54.64000	4681707	4086.1141	1.912999e+10
## 442	Americas	1967	56.67800	5432424	4579.0742	2.487547e+10
## 443	Americas	1972	58.79600	6298651	5280.9947	3.326314e+10
## 444	Americas	1977	61.31000	7278866	6679.6233	4.862008e+10
## 445	Americas	1982	64.34200	8365850	7213.7913	6.034950e+10
## 446	Americas	1987	67.23100	9545158	6481.7770	6.186959e+10
## 447	Americas	1992	69.61300	10748394	7103.7026	7.635339e+10
## 448	Americas	1997	72.31200	11911819	7429.4559	8.849833e+10
## 449	Americas	2002	74.17300	12921234	5773.0445	7.459486e+10

## 450	Americas	2007	74.99400	13755680	6873.2623	9.454640e+10
## 451	Africa	1952	41.89300	22223309	1418.8224	3.153093e+10
## 452	Africa	1957	44.44400	25009741	1458.9153	3.648709e+10
## 453	Africa	1962	46.99200	28173309	1693.3359	4.770687e+10
## 454	Africa	1967	49.29300	31681188	1814.8807	5.749758e+10
## 455	Africa	1972	51.13700	34807417	2024.0081	7.045050e+10
## 456	Africa	1977	53.31900	38783863	2785.4936	1.080322e+11
## 457	Africa	1982	56.00600	45681811	3503.7296	1.600567e+11
## 458	Africa	1987	59.79700	52799062	3885.4607	2.051487e+11
## 459	Africa	1992	63.67400	59402198	3794.7552	2.254168e+11
## 460	Africa	1997	67.21700	66134291	4173.1818	2.759904e+11
## 461	Africa	2002	69.80600	73312559	4754.6044	3.485722e+11
## 462	Africa	2007	71.33800	80264543	5581.1810	4.479709e+11
## 463	Americas	1952	45.26200	2042865	3048.3029	6.227271e+09
## 464	Americas	1957	48.57000	2355805	3421.5232	8.060442e+09
## 465	Americas	1962	52.30700	2747687	3776.8036	1.037747e+10
## 466	Americas	1967	55.85500	3232927	4358.5954	1.409102e+10
## 467	Americas	1972	58.20700	3790903	4520.2460	1.713581e+10
## 468	Americas	1977	56.69600	4282586	5138.9224	2.200788e+10
## 469	Americas	1982	56.60400	4474873	4098.3442	1.833957e+10
## 470	Americas	1987	63.15400	4842194	4140.4421	2.004882e+10
## 471	Americas	1992	66.79800	5274649	4444.2317	2.344176e+10
## 472	Americas	1997	69.53500	5783439	5154.8255	2.981262e+10
## 473	Americas	2002	70.73400	6353681	5351.5687	3.400216e+10
## 474	Americas	2007	71.87800	6939688	5728.3535	3.975299e+10
## 475	Africa	1952	34.48200	216964	375.6431	8.150103e+07
## 476	Africa	1957	35.98300	232922	426.0964	9.924723e+07
## 477	Africa	1962	37.48500	249220	582.8420	1.452559e+08
## 478	Africa	1967	38.98700	259864	915.5960	2.379304e+08
## 479	Africa	1972	40.51600	277603	672.4123	1.866637e+08
## 480	Africa	1977	42.02400	192675	958.5668	1.846919e+08
## 481	Africa	1982	43.66200	285483	927.8253	2.648784e+08
## 482	Africa	1987	45.66400	341244	966.8968	3.299477e+08
## 483	Africa	1992	47.54500	387838	1132.0550	4.390540e+08
## 484	Africa	1997	48.24500	439971	2814.4808	1.238290e+09
## 485	Africa	2002	49.34800	495627	7703.4959	3.818061e+09
## 486	Africa	2007	51.57900	551201	12154.0897	6.699346e+09
## 487	Africa	1952	35.92800	1438760	328.9406	4.732665e+08
## 488	Africa	1957	38.04700	1542611	344.1619	5.309079e+08
## 489	Africa	1962	40.15800	1666618	380.9958	6.349745e+08
## 490	Africa	1967	42.18900	1820319	468.7950	8.533564e+08
## 491	Africa	1972	44.14200	2260187	514.3242	1.162469e+09
## 492	Africa	1977	44.53500	2512642	505.7538	1.270778e+09
## 493	Africa	1982	43.89000	2637297	524.8758	1.384254e+09
## 494	Africa	1987	46.45300	2915959	521.1341	1.519606e+09
## 495	Africa	1992	49.99100	3668440	582.8585	2.138181e+09
## 496	Africa	1997	53.37800	4058319	913.4708	3.707156e+09
## 497	Africa	2002	55.24000	4414865	765.3500	3.378917e+09
## 498	Africa	2007	58.04000	4906585	641.3695	3.146934e+09
## 499	Africa	1952	34.07800	20860941	362.1463	7.554712e+09
## 500	Africa	1957	36.66700	22815614	378.9042	8.644931e+09
## 501	Africa	1962	40.05900	25145372	419.4564	1.054739e+10
## 502	Africa	1967	42.11500	27860297	516.1186	1.437922e+10
## 503	Africa	1972	43.51500	30770372	566.2439	1.742354e+10

## 504	Africa	1977	44.51000	34617799	556.8084	1.927548e+10
## 505	Africa	1982	44.91600	38111756	577.8607	2.202329e+10
## 506	Africa	1987	46.68400	42999530	573.7413	2.467061e+10
## 507	Africa	1992	48.09100	52088559	421.3535	2.194769e+10
## 508	Africa	1997	49.40200	59861301	515.8894	3.088181e+10
## 509	Africa	2002	50.72500	67946797	530.0535	3.601544e+10
## 510	Africa	2007	52.94700	76511887	690.8056	5.285484e+10
## 511	Europe	1952	66.55000	4090500	6424.5191	2.627950e+10
## 512	Europe	1957	67.49000	4324000	7545.4154	3.262638e+10
## 513	Europe	1962	68.75000	4491443	9371.8426	4.209310e+10
## 514	Europe	1967	69.83000	4605744	10921.6363	5.030226e+10
## 515	Europe	1972	70.87000	4639657	14358.8759	6.662026e+10
## 516	Europe	1977	72.52000	4738902	15605.4228	7.395257e+10
## 517	Europe	1982	74.55000	4826933	18533.1576	8.945831e+10
## 518	Europe	1987	74.83000	4931729	21141.0122	1.042617e+11
## 519	Europe	1992	75.70000	5041039	20647.1650	1.040832e+11
## 520	Europe	1997	77.13000	5134406	23723.9502	1.218084e+11
## 521	Europe	2002	78.37000	5193039	28204.5906	1.464675e+11
## 522	Europe	2007	79.31300	5238460	33207.0844	1.739540e+11
## 523	Europe	1952	67.41000	42459667	7029.8093	2.984834e+11
## 524	Europe	1957	68.93000	44310863	8662.8349	3.838577e+11
## 525	Europe	1962	70.51000	47124000	10560.4855	4.976523e+11
## 526	Europe	1967	71.55000	49569000	12999.9177	6.443929e+11
## 527	Europe	1972	72.38000	51732000	16107.1917	8.332572e+11
## 528	Europe	1977	73.83000	53165019	18292.6351	9.725283e+11
## 529	Europe	1982	74.89000	54433565	20293.8975	1.104669e+12
## 530	Europe	1987	76.34000	55630100	22066.4421	1.227558e+12
## 531	Europe	1992	77.46000	57374179	24703.7961	1.417360e+12
## 532	Europe	1997	78.64000	58623428	25889.7849	1.517748e+12
## 533	Europe	2002	79.59000	59925035	28926.0323	1.733394e+12
## 534	Europe	2007	80.65700	61083916	30470.0167	1.861228e+12
## 535	Africa	1952	37.00300	420702	4293.4765	1.806274e+09
## 536	Africa	1957	38.99900	434904	4976.1981	2.164168e+09
## 537	Africa	1962	40.48900	455661	6631.4592	3.021697e+09
## 538	Africa	1967	44.59800	489004	8358.7620	4.087468e+09
## 539	Africa	1972	48.69000	537977	11401.9484	6.133986e+09
## 540	Africa	1977	52.79000	706367	21745.5733	1.536036e+10
## 541	Africa	1982	56.56400	753874	15113.3619	1.139357e+10
## 542	Africa	1987	60.19000	880397	11864.4084	1.044539e+10
## 543	Africa	1992	61.36600	985739	13522.1575	1.332932e+10
## 544	Africa	1997	60.46100	1126189	14722.8419	1.658070e+10
## 545	Africa	2002	56.76100	1299304	12521.7139	1.626951e+10
## 546	Africa	2007	56.73500	1454867	13206.4845	1.921368e+10
## 547	Africa	1952	30.00000	284320	485.2307	1.379608e+08
## 548	Africa	1957	32.06500	323150	520.9267	1.683375e+08
## 549	Africa	1962	33.89600	374020	599.6503	2.242812e+08
## 550	Africa	1967	35.85700	439593	734.7829	3.230054e+08
## 551	Africa	1972	38.30800	517101	756.0868	3.909733e+08
## 552	Africa	1977	41.84200	608274	884.7553	5.381736e+08
## 553	Africa	1982	45.58000	715523	835.8096	5.980410e+08
## 554	Africa	1987	49.26500	848406	611.6589	5.189350e+08
## 555	Africa	1992	52.64400	1025384	665.6244	6.825206e+08
## 556	Africa	1997	55.86100	1235767	653.7302	8.078582e+08
## 557	Africa	2002	58.04100	1457766	660.5856	9.629792e+08

## 558	Africa	2007	59.44800	1688359	752.7497	1.270912e+09
## 559	Europe	1952	67.50000	69145952	7144.1144	4.939866e+11
## 560	Europe	1957	69.10000	71019069	10187.8267	7.235300e+11
## 561	Europe	1962	70.30000	73739117	12902.4629	9.514162e+11
## 562	Europe	1967	70.80000	76368453	14745.6256	1.126101e+12
## 563	Europe	1972	71.00000	78717088	18016.1803	1.418181e+12
## 564	Europe	1977	72.50000	78160773	20512.9212	1.603306e+12
## 565	Europe	1982	73.80000	78335266	22031.5327	1.725846e+12
## 566	Europe	1987	74.84700	77718298	24639.1857	1.914916e+12
## 567	Europe	1992	76.07000	80597764	26505.3032	2.136268e+12
## 568	Europe	1997	77.34000	82011073	27788.8842	2.278996e+12
## 569	Europe	2002	78.67000	82350671	30035.8020	2.473468e+12
## 570	Europe	2007	79.40600	82400996	32170.3744	2.650871e+12
## 571	Africa	1952	43.14900	5581001	911.2989	5.085960e+09
## 572	Africa	1957	44.77900	6391288	1043.5615	6.669702e+09
## 573	Africa	1962	46.45200	7355248	1190.0411	8.753048e+09
## 574	Africa	1967	48.07200	8490213	1125.6972	9.557409e+09
## 575	Africa	1972	49.87500	9354120	1178.2237	1.102125e+10
## 576	Africa	1977	51.75600	10538093	993.2240	1.046669e+10
## 577	Africa	1982	53.74400	11400338	876.0326	9.987067e+09
## 578	Africa	1987	55.72900	14168101	847.0061	1.200047e+10
## 579	Africa	1992	57.50100	16278738	925.0602	1.505881e+10
## 580	Africa	1997	58.55600	18418288	1005.2458	1.851491e+10
## 581	Africa	2002	58.45300	20550751	1111.9846	2.285212e+10
## 582	Africa	2007	60.02200	22873338	1327.6089	3.036685e+10
## 583	Europe	1952	65.86000	7733250	3530.6901	2.730371e+10
## 584	Europe	1957	67.86000	8096218	4916.2999	3.980344e+10
## 585	Europe	1962	69.51000	8448233	6017.1907	5.083463e+10
## 586	Europe	1967	71.00000	8716441	8513.0970	7.420391e+10
## 587	Europe	1972	72.34000	8888628	12724.8296	1.131063e+11
## 588	Europe	1977	73.68000	9308479	14195.5243	1.321387e+11
## 589	Europe	1982	75.24000	9786480	15268.4209	1.494241e+11
## 590	Europe	1987	76.67000	9974490	16120.5284	1.607940e+11
## 591	Europe	1992	77.03000	10325429	17541.4963	1.811235e+11
## 592	Europe	1997	77.86900	10502372	18747.6981	1.968953e+11
## 593	Europe	2002	78.25600	10603863	22514.2548	2.387381e+11
## 594	Europe	2007	79.48300	10706290	27538.4119	2.948342e+11
## 595	Americas	1952	42.02300	3146381	2428.2378	7.640161e+09
## 596	Americas	1957	44.14200	3640876	2617.1560	9.528740e+09
## 597	Americas	1962	46.95400	4208858	2750.3644	1.157589e+10
## 598	Americas	1967	50.01600	4690773	3242.5311	1.520998e+10
## 599	Americas	1972	53.73800	5149581	4031.4083	2.076006e+10
## 600	Americas	1977	56.02900	5703430	4879.9927	2.783270e+10
## 601	Americas	1982	58.13700	6395630	4820.4948	3.083010e+10
## 602	Americas	1987	60.78200	7326406	4246.4860	3.111148e+10
## 603	Americas	1992	63.37300	8486949	4439.4508	3.767739e+10
## 604	Americas	1997	66.32200	9803875	4684.3138	4.592443e+10
## 605	Americas	2002	68.97800	11178650	4858.3475	5.430977e+10
## 606	Americas	2007	70.25900	12572928	5186.0500	6.520383e+10
## 607	Africa	1952	33.60900	2664249	510.1965	1.359290e+09
## 608	Africa	1957	34.55800	2876726	576.2670	1.657762e+09
## 609	Africa	1962	35.75300	3140003	686.3737	2.155215e+09
## 610	Africa	1967	37.19700	3451418	708.7595	2.446225e+09
## 611	Africa	1972	38.84200	3811387	741.6662	2.826777e+09

## 612	Africa	1977	40.76200	4227026	874.6859	3.697320e+09
## 613	Africa	1982	42.89100	4710497	857.2504	4.038075e+09
## 614	Africa	1987	45.55200	5650262	805.5725	4.551696e+09
## 615	Africa	1992	48.57600	6990574	794.3484	5.552952e+09
## 616	Africa	1997	51.45500	8048834	869.4498	6.998057e+09
## 617	Africa	2002	53.67600	8807818	945.5836	8.328528e+09
## 618	Africa	2007	56.00700	9947814	942.6542	9.377349e+09
## 619	Africa	1952	32.50000	580653	299.8503	1.741090e+08
## 620	Africa	1957	33.48900	601095	431.7905	2.595471e+08
## 621	Africa	1962	34.48800	627820	522.0344	3.277436e+08
## 622	Africa	1967	35.49200	601287	715.5806	4.302693e+08
## 623	Africa	1972	36.48600	625361	820.2246	5.129365e+08
## 624	Africa	1977	37.46500	745228	764.7260	5.698952e+08
## 625	Africa	1982	39.32700	825987	838.1240	6.922795e+08
## 626	Africa	1987	41.24500	927524	736.4154	6.830430e+08
## 627	Africa	1992	43.26600	1050938	745.5399	7.835162e+08
## 628	Africa	1997	44.87300	1193708	796.6645	9.509847e+08
## 629	Africa	2002	45.50400	1332459	575.7047	7.671029e+08
## 630	Africa	2007	46.38800	1472041	579.2317	8.526529e+08
## 631	Americas	1952	37.57900	3201488	1840.3669	5.891913e+09
## 632	Americas	1957	40.69600	3507701	1726.8879	6.057406e+09
## 633	Americas	1962	43.59000	3880130	1796.5890	6.970999e+09
## 634	Americas	1967	46.24300	4318137	1452.0577	6.270184e+09
## 635	Americas	1972	48.04200	4698301	1654.4569	7.773137e+09
## 636	Americas	1977	49.92300	4908554	1874.2989	9.200098e+09
## 637	Americas	1982	51.46100	5198399	2011.1595	1.045481e+10
## 638	Americas	1987	53.63600	5756203	1823.0160	1.049365e+10
## 639	Americas	1992	55.08900	6326682	1456.3095	9.213607e+09
## 640	Americas	1997	56.67100	6913545	1341.7269	9.276090e+09
## 641	Americas	2002	58.13700	7607651	1270.3649	9.664493e+09
## 642	Americas	2007	60.91600	8502814	1201.6372	1.021730e+10
## 643	Americas	1952	41.91200	1517453	2194.9262	3.330697e+09
## 644	Americas	1957	44.66500	1770390	2220.4877	3.931129e+09
## 645	Americas	1962	48.04100	2090162	2291.1568	4.788889e+09
## 646	Americas	1967	50.92400	2500689	2538.2694	6.347422e+09
## 647	Americas	1972	53.88400	2965146	2529.8423	7.501352e+09
## 648	Americas	1977	57.40200	3055235	3203.2081	9.786553e+09
## 649	Americas	1982	60.90900	3669448	3121.7608	1.145514e+10
## 650	Americas	1987	64.49200	4372203	3023.0967	1.321759e+10
## 651	Americas	1992	66.39900	5077347	3081.6946	1.564683e+10
## 652	Americas	1997	67.65900	5867957	3160.4549	1.854541e+10
## 653	Americas	2002	68.56500	6677328	3099.7287	2.069790e+10
## 654	Americas	2007	70.19800	7483763	3548.3308	2.655487e+10
## 655	Asia	1952	60.96000	2125900	3054.4212	6.493394e+09
## 656	Asia	1957	64.75000	2736300	3629.0765	9.930242e+09
## 657	Asia	1962	67.65000	3305200	4692.6483	1.551014e+10
## 658	Asia	1967	70.00000	3722800	6197.9628	2.307378e+10
## 659	Asia	1972	72.00000	4115700	8315.9281	3.422587e+10
## 660	Asia	1977	73.60000	4583700	11186.1413	5.127392e+10
## 661	Asia	1982	75.45000	5264500	14560.5305	7.665391e+10
## 662	Asia	1987	76.20000	5584510	20038.4727	1.119051e+11
## 663	Asia	1992	77.60100	5829696	24757.6030	1.443293e+11
## 664	Asia	1997	80.00000	6495918	28377.6322	1.843388e+11
## 665	Asia	2002	81.49500	6762476	30209.0152	2.042877e+11

## 666	Asia	2007	82.20800	6980412	39724.9787	2.772967e+11
## 667	Europe	1952	64.03000	9504000	5263.6738	5.002596e+10
## 668	Europe	1957	66.41000	9839000	6040.1800	5.942933e+10
## 669	Europe	1962	67.96000	10063000	7550.3599	7.597927e+10
## 670	Europe	1967	69.50000	10223422	9326.6447	9.535022e+10
## 671	Europe	1972	69.76000	10394091	10168.6561	1.056939e+11
## 672	Europe	1977	69.95000	10637171	11674.8374	1.241872e+11
## 673	Europe	1982	69.39000	10705535	12545.9907	1.343115e+11
## 674	Europe	1987	69.58000	10612740	12986.4800	1.378221e+11
## 675	Europe	1992	69.17000	10348684	10535.6285	1.090299e+11
## 676	Europe	1997	71.04000	10244684	11712.7768	1.199937e+11
## 677	Europe	2002	72.59000	10083313	14843.9356	1.496760e+11
## 678	Europe	2007	73.33800	9956108	18008.9444	1.792990e+11
## 679	Europe	1952	72.49000	147962	7267.6884	1.075342e+09
## 680	Europe	1957	73.47000	165110	9244.0014	1.526277e+09
## 681	Europe	1962	73.68000	182053	10350.1591	1.884278e+09
## 682	Europe	1967	73.73000	198676	13319.8957	2.646344e+09
## 683	Europe	1972	74.46000	209275	15798.0636	3.306140e+09
## 684	Europe	1977	76.11000	221823	19654.9625	4.359923e+09
## 685	Europe	1982	76.99000	233997	23269.6075	5.445018e+09
## 686	Europe	1987	77.23000	244676	26923.2063	6.587462e+09
## 687	Europe	1992	78.77000	259012	25144.3920	6.512699e+09
## 688	Europe	1997	78.95000	271192	28061.0997	7.609946e+09
## 689	Europe	2002	80.50000	288030	31163.2020	8.975937e+09
## 690	Europe	2007	81.75700	301931	36180.7892	1.092410e+10
## 691	Asia	1952	37.37300	372000000	546.5657	2.033225e+11
## 692	Asia	1957	40.24900	409000000	590.0620	2.413354e+11
## 693	Asia	1962	43.60500	454000000	658.3472	2.988896e+11
## 694	Asia	1967	47.19300	506000000	700.7706	3.545899e+11
## 695	Asia	1972	50.65100	567000000	724.0325	4.105264e+11
## 696	Asia	1977	54.20800	634000000	813.3373	5.156559e+11
## 697	Asia	1982	56.59600	708000000	855.7235	6.058523e+11
## 698	Asia	1987	58.55300	788000000	976.5127	7.694920e+11
## 699	Asia	1992	60.22300	872000000	1164.4068	1.015363e+12
## 700	Asia	1997	61.76500	959000000	1458.8174	1.399006e+12
## 701	Asia	2002	62.87900	1034172547	1746.7695	1.806461e+12
## 702	Asia	2007	64.69800	1110396331	2452.2104	2.722925e+12
## 703	Asia	1952	37.46800	82052000	749.6817	6.151288e+10
## 704	Asia	1957	39.91800	90124000	858.9003	7.740753e+10
## 705	Asia	1962	42.51800	99028000	849.2898	8.410347e+10
## 706	Asia	1967	45.96400	109343000	762.4318	8.336658e+10
## 707	Asia	1972	49.20300	121282000	1111.1079	1.347574e+11
## 708	Asia	1977	52.70200	136725000	1382.7021	1.890499e+11
## 709	Asia	1982	56.15900	153343000	1516.8730	2.326019e+11
## 710	Asia	1987	60.13700	169276000	1748.3570	2.959549e+11
## 711	Asia	1992	62.68100	184816000	2383.1409	4.404426e+11
## 712	Asia	1997	66.04100	199278000	3119.3356	6.216150e+11
## 713	Asia	2002	68.58800	211060000	2873.9129	6.065681e+11
## 714	Asia	2007	70.65000	223547000	3540.6516	7.915020e+11
## 715	Asia	1952	44.86900	17272000	3035.3260	5.242615e+10
## 716	Asia	1957	47.18100	19792000	3290.2576	6.512078e+10
## 717	Asia	1962	49.32500	22874000	4187.3298	9.578098e+10
## 718	Asia	1967	52.46900	26538000	5906.7318	1.567528e+11
## 719	Asia	1972	55.23400	30614000	9613.8186	2.943174e+11

## 720	Asia 1977	57.70200	35480679	11888.5951	4.218154e+11
## 721	Asia 1982	59.62000	43072751	7608.3346	3.277119e+11
## 722	Asia 1987	63.04000	51889696	6642.8814	3.446971e+11
## 723	Asia 1992	65.74200	60397973	7235.6532	4.370188e+11
## 724	Asia 1997	68.04200	63327987	8263.5903	5.233165e+11
## 725	Asia 2002	69.45100	66907826	9240.7620	6.182793e+11
## 726	Asia 2007	70.96400	69453570	11605.7145	8.060583e+11
## 727	Asia 1952	45.32000	5441766	4129.7661	2.247322e+10
## 728	Asia 1957	48.43700	6248643	6229.3336	3.892488e+10
## 729	Asia 1962	51.45700	7240260	8341.7378	6.039635e+10
## 730	Asia 1967	54.45900	8519282	8931.4598	7.608962e+10
## 731	Asia 1972	56.95000	10061506	9576.0376	9.634936e+10
## 732	Asia 1977	60.41300	11882916	14688.2351	1.745391e+11
## 733	Asia 1982	62.03800	14173318	14517.9071	2.057669e+11
## 734	Asia 1987	65.04400	16543189	11643.5727	1.926218e+11
## 735	Asia 1992	59.46100	17861905	3745.6407	6.690428e+10
## 736	Asia 1997	58.81100	20775703	3076.2398	6.391104e+10
## 737	Asia 2002	57.04600	24001816	4390.7173	1.053852e+11
## 738	Asia 2007	59.54500	27499638	4471.0619	1.229526e+11
## 739	Europe 1952	66.91000	2952156	5210.2803	1.538156e+10
## 740	Europe 1957	68.90000	2878220	5599.0779	1.611538e+10
## 741	Europe 1962	70.29000	2830000	6631.5973	1.876742e+10
## 742	Europe 1967	71.08000	2900100	7655.5690	2.220192e+10
## 743	Europe 1972	71.28000	3024400	9530.7729	2.882487e+10
## 744	Europe 1977	72.03000	3271900	11150.9811	3.648490e+10
## 745	Europe 1982	73.10000	3480000	12618.3214	4.391176e+10
## 746	Europe 1987	74.36000	3539900	13872.8665	4.910856e+10
## 747	Europe 1992	75.46700	3557761	17558.8155	6.247007e+10
## 748	Europe 1997	76.12200	3667233	24521.9471	8.992769e+10
## 749	Europe 2002	77.78300	3879155	34077.0494	1.321902e+11
## 750	Europe 2007	78.88500	4109086	40675.9964	1.671412e+11
## 751	Asia 1952	65.39000	1620914	4086.5221	6.623901e+09
## 752	Asia 1957	67.84000	1944401	5385.2785	1.047114e+10
## 753	Asia 1962	69.39000	2310904	7105.6307	1.642043e+10
## 754	Asia 1967	70.75000	2693585	8393.7414	2.260926e+10
## 755	Asia 1972	71.63000	3095893	12786.9322	3.958697e+10
## 756	Asia 1977	73.06000	3495918	13306.6192	4.651885e+10
## 757	Asia 1982	74.45000	3858421	15367.0292	5.929247e+10
## 758	Asia 1987	75.60000	4203148	17122.4799	7.196832e+10
## 759	Asia 1992	76.93000	4936550	18051.5225	8.911224e+10
## 760	Asia 1997	78.26900	5531387	20896.6092	1.155872e+11
## 761	Asia 2002	79.69600	6029529	21905.5951	1.320804e+11
## 762	Asia 2007	80.74500	6426679	25523.2771	1.640299e+11
## 763	Europe 1952	65.94000	47666000	4931.4042	2.350603e+11
## 764	Europe 1957	67.81000	49182000	6248.6562	3.073214e+11
## 765	Europe 1962	69.24000	50843200	8243.5823	4.191301e+11
## 766	Europe 1967	71.06000	52667100	10022.4013	5.278508e+11
## 767	Europe 1972	72.19000	54365564	12269.2738	6.670260e+11
## 768	Europe 1977	73.48000	56059245	14255.9847	7.991797e+11
## 769	Europe 1982	74.98000	56535636	16537.4835	9.349571e+11
## 770	Europe 1987	76.42000	56729703	19207.2348	1.089621e+12
## 771	Europe 1992	77.44000	56840847	22013.6449	1.251274e+12
## 772	Europe 1997	78.82000	57479469	24675.0245	1.418307e+12
## 773	Europe 2002	80.24000	57926999	27968.0982	1.620108e+12

## 774	Europe	2007	80.54600	58147733	28569.7197	1.661264e+12
## 775	Americas	1952	58.53000	1426095	2898.5309	4.133580e+09
## 776	Americas	1957	62.61000	1535090	4756.5258	7.301695e+09
## 777	Americas	1962	65.61000	1665128	5246.1075	8.735441e+09
## 778	Americas	1967	67.51000	1861096	6124.7035	1.139866e+10
## 779	Americas	1972	69.00000	1997616	7433.8893	1.485006e+10
## 780	Americas	1977	70.11000	2156814	6650.1956	1.434323e+10
## 781	Americas	1982	71.21000	2298309	6068.0513	1.394626e+10
## 782	Americas	1987	71.77000	2326606	6351.2375	1.477683e+10
## 783	Americas	1992	71.76600	2378618	7404.9237	1.761348e+10
## 784	Americas	1997	72.26200	2531311	7121.9247	1.802781e+10
## 785	Americas	2002	72.04700	2664659	6994.7749	1.863869e+10
## 786	Americas	2007	72.56700	2780132	7320.8803	2.035301e+10
## 787	Asia	1952	63.03000	86459025	3216.9563	2.781349e+11
## 788	Asia	1957	65.50000	91563009	4317.6944	3.953411e+11
## 789	Asia	1962	68.73000	95831757	6576.6495	6.302519e+11
## 790	Asia	1967	71.43000	100825279	9847.7886	9.929060e+11
## 791	Asia	1972	73.42000	107188273	14778.7864	1.584113e+12
## 792	Asia	1977	75.38000	113872473	16610.3770	1.891465e+12
## 793	Asia	1982	77.11000	118454974	19384.1057	2.296144e+12
## 794	Asia	1987	78.67000	122091325	22375.9419	2.731908e+12
## 795	Asia	1992	79.36000	124329269	26824.8951	3.335120e+12
## 796	Asia	1997	80.69000	125956499	28816.5850	3.629636e+12
## 797	Asia	2002	82.00000	127065841	28604.5919	3.634667e+12
## 798	Asia	2007	82.60300	127467972	31656.0681	4.035135e+12
## 799	Asia	1952	43.15800	607914	1546.9078	9.403869e+08
## 800	Asia	1957	45.66900	746559	1886.0806	1.408070e+09
## 801	Asia	1962	48.12600	933559	2348.0092	2.192005e+09
## 802	Asia	1967	51.62900	1255058	2741.7963	3.441113e+09
## 803	Asia	1972	56.52800	1613551	2110.8563	3.405974e+09
## 804	Asia	1977	61.13400	1937652	2852.3516	5.526865e+09
## 805	Asia	1982	63.73900	2347031	4161.4160	9.766972e+09
## 806	Asia	1987	65.86900	2820042	4448.6799	1.254546e+10
## 807	Asia	1992	68.01500	3867409	3431.5936	1.327138e+10
## 808	Asia	1997	69.77200	4526235	3645.3796	1.649984e+10
## 809	Asia	2002	71.26300	5307470	3844.9172	2.040678e+10
## 810	Asia	2007	72.53500	6053193	4519.4612	2.735717e+10
## 811	Africa	1952	42.27000	6464046	853.5409	5.517328e+09
## 812	Africa	1957	44.68600	7454779	944.4383	7.040579e+09
## 813	Africa	1962	47.94900	8678557	896.9664	7.784374e+09
## 814	Africa	1967	50.65400	10191512	1056.7365	1.076974e+10
## 815	Africa	1972	53.55900	12044785	1222.3600	1.472306e+10
## 816	Africa	1977	56.15500	14500404	1267.6132	1.838090e+10
## 817	Africa	1982	58.76600	17661452	1348.2258	2.381163e+10
## 818	Africa	1987	59.33900	21198082	1361.9369	2.887045e+10
## 819	Africa	1992	59.28500	25020539	1341.9217	3.357560e+10
## 820	Africa	1997	54.40700	28263827	1360.4850	3.845251e+10
## 821	Africa	2002	50.99200	31386842	1287.5147	4.041102e+10
## 822	Africa	2007	54.11000	35610177	1463.2493	5.210657e+10
## 823	Asia	1952	50.05600	8865488	1088.2778	9.648113e+09
## 824	Asia	1957	54.08100	9411381	1571.1347	1.478655e+10
## 825	Asia	1962	56.65600	10917494	1621.6936	1.770483e+10
## 826	Asia	1967	59.94200	12617009	2143.5406	2.704507e+10
## 827	Asia	1972	63.98300	14781241	3701.6215	5.471456e+10

## 828	Asia 1977	67.15900	16325320	4106.3012	6.703668e+10
## 829	Asia 1982	69.10000	17647518	4106.5253	7.246998e+10
## 830	Asia 1987	70.64700	19067554	4106.4923	7.830076e+10
## 831	Asia 1992	69.97800	20711375	3726.0635	7.717190e+10
## 832	Asia 1997	67.72700	21585105	1690.7568	3.649516e+10
## 833	Asia 2002	66.66200	22215365	1646.7582	3.658333e+10
## 834	Asia 2007	67.29700	23301725	1593.0655	3.712117e+10
## 835	Asia 1952	47.45300	20947571	1030.5922	2.158840e+10
## 836	Asia 1957	52.68100	22611552	1487.5935	3.363680e+10
## 837	Asia 1962	55.29200	26420307	1536.3444	4.059069e+10
## 838	Asia 1967	57.71600	30131000	2029.2281	6.114267e+10
## 839	Asia 1972	62.61200	33505000	3030.8767	1.015495e+11
## 840	Asia 1977	64.76600	36436000	4657.2210	1.696905e+11
## 841	Asia 1982	67.12300	39326000	5622.9425	2.211278e+11
## 842	Asia 1987	69.81000	41622000	8533.0888	3.551642e+11
## 843	Asia 1992	72.24400	43805450	12104.2787	5.302334e+11
## 844	Asia 1997	74.64700	46173816	15993.5280	7.384822e+11
## 845	Asia 2002	77.04500	47969150	19233.9882	9.226381e+11
## 846	Asia 2007	78.62300	49044790	23348.1397	1.145105e+12
## 847	Asia 1952	55.56500	160000	108382.3529	1.734118e+10
## 848	Asia 1957	58.03300	212846	113523.1329	2.416294e+10
## 849	Asia 1962	60.47000	358266	95458.1118	3.419940e+10
## 850	Asia 1967	64.62400	575003	80894.8833	4.651480e+10
## 851	Asia 1972	67.71200	841934	109347.8670	9.206369e+10
## 852	Asia 1977	69.34300	1140357	59265.4771	6.758380e+10
## 853	Asia 1982	71.30900	1497494	31354.0357	4.695248e+10
## 854	Asia 1987	74.17400	1891487	28118.4300	5.318564e+10
## 855	Asia 1992	75.19000	1418095	34932.9196	4.953820e+10
## 856	Asia 1997	76.15600	1765345	40300.6200	7.114450e+10
## 857	Asia 2002	76.90400	2111561	35110.1057	7.413713e+10
## 858	Asia 2007	77.58800	2505559	47306.9898	1.185305e+11
## 859	Asia 1952	55.92800	1439529	4834.8041	6.959841e+09
## 860	Asia 1957	59.48900	1647412	6089.7869	1.003239e+10
## 861	Asia 1962	62.09400	1886848	5714.5606	1.078251e+10
## 862	Asia 1967	63.87000	2186894	6006.9830	1.313664e+10
## 863	Asia 1972	65.42100	2680018	7486.3843	2.006364e+10
## 864	Asia 1977	66.09900	3115787	8659.6968	2.698177e+10
## 865	Asia 1982	66.98300	3086876	7640.5195	2.358534e+10
## 866	Asia 1987	67.92600	3089353	5377.0913	1.661173e+10
## 867	Asia 1992	69.29200	3219994	6890.8069	2.218836e+10
## 868	Asia 1997	70.26500	3430388	8754.9639	3.003292e+10
## 869	Asia 2002	71.02800	3677780	9313.9388	3.425462e+10
## 870	Asia 2007	71.99300	3921278	10461.0587	4.102072e+10
## 871	Africa 1952	42.13800	748747	298.8462	2.237602e+08
## 872	Africa 1957	45.04700	813338	335.9971	2.732792e+08
## 873	Africa 1962	47.74700	893143	411.8006	3.677968e+08
## 874	Africa 1967	48.49200	996380	498.6390	4.968340e+08
## 875	Africa 1972	49.76700	1116779	496.5816	5.545719e+08
## 876	Africa 1977	52.20800	1251524	745.3695	9.328479e+08
## 877	Africa 1982	55.07800	1411807	797.2631	1.125582e+09
## 878	Africa 1987	57.18000	1599200	773.9932	1.237770e+09
## 879	Africa 1992	59.68500	1803195	977.4863	1.762598e+09
## 880	Africa 1997	55.55800	1982823	1186.1480	2.351922e+09
## 881	Africa 2002	44.59300	2046772	1275.1846	2.610012e+09

## 882	Africa	2007	42.59200	2012649	1569.3314	3.158513e+09
## 883	Africa	1952	38.48000	863308	575.5730	4.968968e+08
## 884	Africa	1957	39.48600	975950	620.9700	6.060357e+08
## 885	Africa	1962	40.50200	1112796	634.1952	7.057298e+08
## 886	Africa	1967	41.53600	1279406	713.6036	9.129888e+08
## 887	Africa	1972	42.61400	1482628	803.0055	1.190558e+09
## 888	Africa	1977	43.76400	1703617	640.3224	1.090864e+09
## 889	Africa	1982	44.85200	1956875	572.1996	1.119723e+09
## 890	Africa	1987	46.02700	2269414	506.1139	1.148582e+09
## 891	Africa	1992	40.80200	1912974	636.6229	1.217843e+09
## 892	Africa	1997	42.22100	2200725	609.1740	1.340624e+09
## 893	Africa	2002	43.75300	2814651	531.4824	1.495937e+09
## 894	Africa	2007	45.67800	3193942	414.5073	1.323912e+09
## 895	Africa	1952	42.72300	1019729	2387.5481	2.434652e+09
## 896	Africa	1957	45.28900	1201578	3448.2844	4.143383e+09
## 897	Africa	1962	47.80800	1441863	6757.0308	9.742713e+09
## 898	Africa	1967	50.22700	1759224	18772.7517	3.302548e+10
## 899	Africa	1972	52.77300	2183877	21011.4972	4.588653e+10
## 900	Africa	1977	57.44200	2721783	21951.2118	5.974643e+10
## 901	Africa	1982	62.15500	3344074	17364.2754	5.806742e+10
## 902	Africa	1987	66.23400	3799845	11770.5898	4.472642e+10
## 903	Africa	1992	68.75500	4364501	9640.1385	4.207439e+10
## 904	Africa	1997	71.55500	4759670	9467.4461	4.506192e+10
## 905	Africa	2002	72.73700	5368585	9534.6775	5.118773e+10
## 906	Africa	2007	73.95200	6036914	12057.4993	7.279009e+10
## 907	Africa	1952	36.68100	4762912	1443.0117	6.872938e+09
## 908	Africa	1957	38.86500	5181679	1589.2027	8.234739e+09
## 909	Africa	1962	40.84800	5703324	1643.3871	9.372769e+09
## 910	Africa	1967	42.88100	6334556	1634.0473	1.035096e+10
## 911	Africa	1972	44.85100	7082430	1748.5630	1.238407e+10
## 912	Africa	1977	46.88100	8007166	1544.2286	1.236489e+10
## 913	Africa	1982	48.96900	9171477	1302.8787	1.194932e+10
## 914	Africa	1987	49.35000	10568642	1155.4419	1.221145e+10
## 915	Africa	1992	52.21400	12210395	1040.6762	1.270707e+10
## 916	Africa	1997	54.97800	14165114	986.2959	1.397099e+10
## 917	Africa	2002	57.28600	16473477	894.6371	1.473778e+10
## 918	Africa	2007	59.44300	19167654	1044.7701	2.002579e+10
## 919	Africa	1952	36.25600	2917802	369.1651	1.077151e+09
## 920	Africa	1957	37.20700	3221238	416.3698	1.341226e+09
## 921	Africa	1962	38.41000	3628608	427.9011	1.552685e+09
## 922	Africa	1967	39.48700	4147252	495.5148	2.055025e+09
## 923	Africa	1972	41.76600	4730997	584.6220	2.765845e+09
## 924	Africa	1977	43.76700	5637246	663.2237	3.738755e+09
## 925	Africa	1982	45.64200	6502825	632.8039	4.115013e+09
## 926	Africa	1987	47.45700	7824747	635.5174	4.972763e+09
## 927	Africa	1992	49.42000	10014249	563.2000	5.640025e+09
## 928	Africa	1997	47.49500	10419991	692.2758	7.213508e+09
## 929	Africa	2002	45.00900	11824495	665.4231	7.868292e+09
## 930	Africa	2007	48.30300	13327079	759.3499	1.011992e+10
## 931	Asia	1952	48.46300	6748378	1831.1329	1.235718e+10
## 932	Asia	1957	52.10200	7739235	1810.0670	1.400853e+10
## 933	Asia	1962	55.73700	8906385	2036.8849	1.814128e+10
## 934	Asia	1967	59.37100	10154878	2277.7424	2.313020e+10
## 935	Asia	1972	63.01000	11441462	2849.0948	3.259781e+10

## 936	Asia	1977	65.25600	12845381	3827.9216	4.917111e+10
## 937	Asia	1982	68.00000	14441916	4920.3560	7.105937e+10
## 938	Asia	1987	69.50000	16331785	5249.8027	8.573865e+10
## 939	Asia	1992	70.69300	18319502	7277.9128	1.333277e+11
## 940	Asia	1997	71.93800	20476091	10132.9096	2.074824e+11
## 941	Asia	2002	73.04400	22662365	10206.9779	2.313143e+11
## 942	Asia	2007	74.24100	24821286	12451.6558	3.090661e+11
## 943	Africa	1952	33.68500	3838168	452.3370	1.736145e+09
## 944	Africa	1957	35.30700	4241884	490.3822	2.080144e+09
## 945	Africa	1962	36.93600	4690372	496.1743	2.327242e+09
## 946	Africa	1967	38.48700	5212416	545.0099	2.840818e+09
## 947	Africa	1972	39.97700	5828158	581.3689	3.388310e+09
## 948	Africa	1977	41.71400	6491649	686.3953	4.455837e+09
## 949	Africa	1982	43.91600	6998256	618.0141	4.325021e+09
## 950	Africa	1987	46.36400	7634008	684.1716	5.222971e+09
## 951	Africa	1992	48.38800	8416215	739.0144	6.219704e+09
## 952	Africa	1997	49.90300	9384984	790.2580	7.416559e+09
## 953	Africa	2002	51.81800	10580176	951.4098	1.006608e+10
## 954	Africa	2007	54.46700	12031795	1042.5816	1.254413e+10
## 955	Africa	1952	40.54300	1022556	743.1159	7.598776e+08
## 956	Africa	1957	42.33800	1076852	846.1203	9.111463e+08
## 957	Africa	1962	44.24800	1146757	1055.8960	1.210856e+09
## 958	Africa	1967	46.28900	1230542	1421.1452	1.748779e+09
## 959	Africa	1972	48.43700	1332786	1586.8518	2.114934e+09
## 960	Africa	1977	50.85200	1456688	1497.4922	2.181379e+09
## 961	Africa	1982	53.59900	1622136	1481.1502	2.402627e+09
## 962	Africa	1987	56.14500	1841240	1421.6036	2.617513e+09
## 963	Africa	1992	58.33300	2119465	1361.3698	2.885376e+09
## 964	Africa	1997	60.43000	2444741	1483.1361	3.625884e+09
## 965	Africa	2002	62.24700	2828858	1579.0195	4.466822e+09
## 966	Africa	2007	64.16400	3270065	1803.1515	5.896423e+09
## 967	Africa	1952	50.98600	516556	1967.9557	1.016559e+09
## 968	Africa	1957	58.08900	609816	2034.0380	1.240389e+09
## 969	Africa	1962	60.24600	701016	2529.0675	1.772917e+09
## 970	Africa	1967	61.55700	789309	2475.3876	1.953846e+09
## 971	Africa	1972	62.94400	851334	2575.4842	2.192597e+09
## 972	Africa	1977	64.93000	913025	3710.9830	3.388220e+09
## 973	Africa	1982	66.71100	992040	3688.0377	3.658681e+09
## 974	Africa	1987	68.74000	1042663	4783.5869	4.987669e+09
## 975	Africa	1992	69.74500	1096202	6058.2538	6.641070e+09
## 976	Africa	1997	70.73600	1149818	7425.7053	8.538210e+09
## 977	Africa	2002	71.95400	1200206	9021.8159	1.082804e+10
## 978	Africa	2007	72.80100	1250882	10956.9911	1.370590e+10
## 979	Americas	1952	50.78900	30144317	3478.1255	1.048457e+11
## 980	Americas	1957	55.19000	35015548	4131.5466	1.446684e+11
## 981	Americas	1962	58.29900	41121485	4581.6094	1.884026e+11
## 982	Americas	1967	60.11000	47995559	5754.7339	2.762017e+11
## 983	Americas	1972	62.36100	55984294	6809.4067	3.812198e+11
## 984	Americas	1977	65.03200	63759976	7674.9291	4.893533e+11
## 985	Americas	1982	67.40500	71640904	9611.1475	6.885513e+11
## 986	Americas	1987	69.49800	80122492	8688.1560	6.961167e+11
## 987	Americas	1992	71.45500	88111030	9472.3843	8.346215e+11
## 988	Americas	1997	73.67000	95895146	9767.2975	9.366364e+11
## 989	Americas	2002	74.90200	102479927	10742.4405	1.100885e+12

## 990	Americas	2007	76.19500	108700891	11977.5750	1.301973e+12
## 991	Asia	1952	42.24400	800663	786.5669	6.297750e+08
## 992	Asia	1957	45.24800	882134	912.6626	8.050907e+08
## 993	Asia	1962	48.25100	1010280	1056.3540	1.067213e+09
## 994	Asia	1967	51.25300	1149500	1226.0411	1.409334e+09
## 995	Asia	1972	53.75400	1320500	1421.7420	1.877410e+09
## 996	Asia	1977	55.49100	1528000	1647.5117	2.517398e+09
## 997	Asia	1982	57.48900	1756032	2000.6031	3.513123e+09
## 998	Asia	1987	60.22200	2015133	2338.0083	4.711398e+09
## 999	Asia	1992	61.27100	2312802	1785.4020	4.129281e+09
## 1000	Asia	1997	63.62500	2494803	1902.2521	4.745744e+09
## 1001	Asia	2002	65.03300	2674234	2140.7393	5.724838e+09
## 1002	Asia	2007	66.80300	2874127	3095.7723	8.897643e+09
## 1003	Europe	1952	59.16400	413834	2647.5856	1.095661e+09
## 1004	Europe	1957	61.44800	442829	3682.2599	1.630611e+09
## 1005	Europe	1962	63.72800	474528	4649.5938	2.206362e+09
## 1006	Europe	1967	67.17800	501035	5907.8509	2.960040e+09
## 1007	Europe	1972	70.63600	527678	7778.4140	4.104498e+09
## 1008	Europe	1977	73.06600	560073	9595.9299	5.374421e+09
## 1009	Europe	1982	74.10100	562548	11222.5876	6.313244e+09
## 1010	Europe	1987	74.86500	569473	11732.5102	6.681348e+09
## 1011	Europe	1992	75.43500	621621	7003.3390	4.353423e+09
## 1012	Europe	1997	75.44500	692651	6465.6133	4.478414e+09
## 1013	Europe	2002	73.98100	720230	6557.1943	4.722688e+09
## 1014	Europe	2007	74.54300	684736	9253.8961	6.336476e+09
## 1015	Africa	1952	42.87300	9939217	1688.2036	1.677942e+10
## 1016	Africa	1957	45.42300	11406350	1642.0023	1.872925e+10
## 1017	Africa	1962	47.92400	13056604	1566.3535	2.045126e+10
## 1018	Africa	1967	50.33500	14770296	1711.0448	2.527264e+10
## 1019	Africa	1972	52.86200	16660670	1930.1950	3.215834e+10
## 1020	Africa	1977	55.73000	18396941	2370.6200	4.361216e+10
## 1021	Africa	1982	59.65000	20198730	2702.6204	5.458950e+10
## 1022	Africa	1987	62.67700	22987397	2755.0470	6.333136e+10
## 1023	Africa	1992	65.39300	25798239	2948.0473	7.605443e+10
## 1024	Africa	1997	67.66000	28529501	2982.1019	8.507788e+10
## 1025	Africa	2002	69.61500	31167783	3258.4956	1.015601e+11
## 1026	Africa	2007	71.16400	33757175	3820.1752	1.289583e+11
## 1027	Africa	1952	31.28600	6446316	468.5260	3.020267e+09
## 1028	Africa	1957	33.77900	7038035	495.5868	3.487957e+09
## 1029	Africa	1962	36.16100	7788944	556.6864	4.335999e+09
## 1030	Africa	1967	38.11300	8680909	566.6692	4.919203e+09
## 1031	Africa	1972	40.32800	9809596	724.9178	7.111151e+09
## 1032	Africa	1977	42.49500	11127868	502.3197	5.589748e+09
## 1033	Africa	1982	42.79500	12587223	462.2114	5.817958e+09
## 1034	Africa	1987	42.86100	12891952	389.8762	5.026265e+09
## 1035	Africa	1992	44.28400	13160731	410.8968	5.407703e+09
## 1036	Africa	1997	46.34400	16603334	472.3461	7.842520e+09
## 1037	Africa	2002	44.02600	18473780	633.6179	1.170532e+10
## 1038	Africa	2007	42.08200	19951656	823.6856	1.643389e+10
## 1039	Asia	1952	36.31900	20092996	331.0000	6.650782e+09
## 1040	Asia	1957	41.90500	21731844	350.0000	7.606145e+09
## 1041	Asia	1962	45.10800	23634436	388.0000	9.170161e+09
## 1042	Asia	1967	49.37900	25870271	349.0000	9.028725e+09
## 1043	Asia	1972	53.07000	28466390	357.0000	1.016250e+10

## 1044	Asia	1977	56.05900	31528087	371.0000	1.169692e+10
## 1045	Asia	1982	58.05600	34680442	424.0000	1.470451e+10
## 1046	Asia	1987	58.33900	38028578	385.0000	1.464100e+10
## 1047	Asia	1992	59.32000	40546538	347.0000	1.406965e+10
## 1048	Asia	1997	60.32800	43247867	415.0000	1.794786e+10
## 1049	Asia	2002	59.90800	45598081	611.0000	2.786043e+10
## 1050	Asia	2007	62.06900	47761980	944.0000	4.508731e+10
## 1051	Africa	1952	41.72500	485831	2423.7804	1.177548e+09
## 1052	Africa	1957	45.22600	548080	2621.4481	1.436763e+09
## 1053	Africa	1962	48.38600	621392	3173.2156	1.971811e+09
## 1054	Africa	1967	51.15900	706640	3793.6948	2.680776e+09
## 1055	Africa	1972	53.86700	821782	3746.0809	3.078462e+09
## 1056	Africa	1977	56.43700	977026	3876.4860	3.787428e+09
## 1057	Africa	1982	58.96800	1099010	4191.1005	4.606061e+09
## 1058	Africa	1987	60.83500	1278184	3693.7313	4.721268e+09
## 1059	Africa	1992	61.99900	1554253	3804.5380	5.913215e+09
## 1060	Africa	1997	58.90900	1774766	3899.5243	6.920743e+09
## 1061	Africa	2002	51.47900	1972153	4072.3248	8.031247e+09
## 1062	Africa	2007	52.90600	2055080	4811.0604	9.887114e+09
## 1063	Asia	1952	36.15700	9182536	545.8657	5.012432e+09
## 1064	Asia	1957	37.68600	9682338	597.9364	5.789422e+09
## 1065	Asia	1962	39.39300	10332057	652.3969	6.740602e+09
## 1066	Asia	1967	41.47200	11261690	676.4422	7.617883e+09
## 1067	Asia	1972	43.97100	12412593	674.7881	8.375870e+09
## 1068	Asia	1977	46.74800	13933198	694.1124	9.671206e+09
## 1069	Asia	1982	49.59400	15796314	718.3731	1.134765e+10
## 1070	Asia	1987	52.53700	17917180	775.6325	1.389715e+10
## 1071	Asia	1992	55.72700	20326209	897.7404	1.824766e+10
## 1072	Asia	1997	59.42600	23001113	1010.8921	2.325164e+10
## 1073	Asia	2002	61.34000	25873917	1057.2063	2.735407e+10
## 1074	Asia	2007	63.78500	28901790	1091.3598	3.154225e+10
## 1075	Europe	1952	72.13000	10381988	8941.5719	9.283129e+10
## 1076	Europe	1957	72.99000	11026383	11276.1934	1.243356e+11
## 1077	Europe	1962	73.23000	11805689	12790.8496	1.510048e+11
## 1078	Europe	1967	73.82000	12596822	15363.2514	1.935281e+11
## 1079	Europe	1972	73.75000	13329874	18794.7457	2.505316e+11
## 1080	Europe	1977	75.24000	13852989	21209.0592	2.938089e+11
## 1081	Europe	1982	76.05000	14310401	21399.4605	3.062349e+11
## 1082	Europe	1987	76.83000	14665278	23651.3236	3.468532e+11
## 1083	Europe	1992	77.42000	15174244	26790.9496	4.065324e+11
## 1084	Europe	1997	78.03000	15604464	30246.1306	4.719747e+11
## 1085	Europe	2002	78.53000	16122830	33724.7578	5.437385e+11
## 1086	Europe	2007	79.76200	16570613	36797.9333	6.097643e+11
## 1087	Oceania	1952	69.39000	1994794	10556.5757	2.105819e+10
## 1088	Oceania	1957	70.26000	2229407	12247.3953	2.730443e+10
## 1089	Oceania	1962	71.24000	2488550	13175.6780	3.278833e+10
## 1090	Oceania	1967	71.52000	2728150	14463.9189	3.945974e+10
## 1091	Oceania	1972	71.89000	2929100	16046.0373	4.700045e+10
## 1092	Oceania	1977	72.22000	3164900	16233.7177	5.137809e+10
## 1093	Oceania	1982	73.84000	3210650	17632.4104	5.661150e+10
## 1094	Oceania	1987	74.32000	3317166	19007.1913	6.305001e+10
## 1095	Oceania	1992	76.33000	3437674	18363.3249	6.312712e+10
## 1096	Oceania	1997	77.55000	3676187	21050.4138	7.738526e+10
## 1097	Oceania	2002	79.11000	3908037	23189.8014	9.062660e+10

## 1098	Oceania	2007	80.20400	4115771	25185.0091	1.036557e+11
## 1099	Americas	1952	42.31400	1165790	3112.3639	3.628363e+09
## 1100	Americas	1957	45.43200	1358828	3457.4159	4.698034e+09
## 1101	Americas	1962	48.63200	1590597	3634.3644	5.780809e+09
## 1102	Americas	1967	51.88400	1865490	4643.3935	8.662204e+09
## 1103	Americas	1972	55.15100	2182908	4688.5933	1.023477e+10
## 1104	Americas	1977	57.47000	2554598	5486.3711	1.401547e+10
## 1105	Americas	1982	59.29800	2979423	3470.3382	1.033961e+10
## 1106	Americas	1987	62.00800	3344353	2955.9844	9.885855e+09
## 1107	Americas	1992	65.84300	4017939	2170.1517	8.719537e+09
## 1108	Americas	1997	68.42600	4609572	2253.0230	1.038547e+10
## 1109	Americas	2002	70.83600	5146848	2474.5488	1.273613e+10
## 1110	Americas	2007	72.89900	5675356	2749.3210	1.560338e+10
## 1111	Africa	1952	37.44400	3379468	761.8794	2.574747e+09
## 1112	Africa	1957	38.59800	3692184	835.5234	3.084906e+09
## 1113	Africa	1962	39.48700	4076008	997.7661	4.066903e+09
## 1114	Africa	1967	40.11800	4534062	1054.3849	4.780646e+09
## 1115	Africa	1972	40.54600	5060262	954.2092	4.828549e+09
## 1116	Africa	1977	41.29100	5682086	808.8971	4.596223e+09
## 1117	Africa	1982	42.59800	6437188	909.7221	5.856052e+09
## 1118	Africa	1987	44.55500	7332638	668.3000	4.900402e+09
## 1119	Africa	1992	47.39100	8392818	581.1827	4.877761e+09
## 1120	Africa	1997	51.31300	9666252	580.3052	5.609376e+09
## 1121	Africa	2002	54.49600	11140655	601.0745	6.696364e+09
## 1122	Africa	2007	56.86700	12894865	619.6769	7.990650e+09
## 1123	Africa	1952	36.32400	33119096	1077.2819	3.567860e+10
## 1124	Africa	1957	37.80200	37173340	1100.5926	4.091270e+10
## 1125	Africa	1962	39.36000	41871351	1150.9275	4.819089e+10
## 1126	Africa	1967	41.04000	47287752	1014.5141	4.797409e+10
## 1127	Africa	1972	42.82100	53740085	1698.3888	9.127156e+10
## 1128	Africa	1977	44.51400	62209173	1981.9518	1.232956e+11
## 1129	Africa	1982	45.82600	73039376	1576.9738	1.151812e+11
## 1130	Africa	1987	46.88600	81551520	1385.0296	1.129513e+11
## 1131	Africa	1992	47.47200	93364244	1619.8482	1.512359e+11
## 1132	Africa	1997	47.46400	106207839	1624.9413	1.725815e+11
## 1133	Africa	2002	46.60800	119901274	1615.2864	1.936749e+11
## 1134	Africa	2007	46.85900	135031164	2013.9773	2.719497e+11
## 1135	Europe	1952	72.67000	3327728	10095.4217	3.359482e+10
## 1136	Europe	1957	73.44000	3491938	11653.9730	4.069495e+10
## 1137	Europe	1962	73.47000	3638919	13450.4015	4.894492e+10
## 1138	Europe	1967	74.08000	3786019	16361.8765	6.194638e+10
## 1139	Europe	1972	74.34000	3933004	18965.0555	7.458964e+10
## 1140	Europe	1977	75.37000	4043205	23311.3494	9.425256e+10
## 1141	Europe	1982	75.97000	4114787	26298.6353	1.082133e+11
## 1142	Europe	1987	75.89000	4186147	31540.9748	1.320352e+11
## 1143	Europe	1992	77.32000	4286357	33965.6611	1.455889e+11
## 1144	Europe	1997	78.32000	4405672	41283.1643	1.818801e+11
## 1145	Europe	2002	79.05000	4535591	44683.9753	2.026682e+11
## 1146	Europe	2007	80.19600	4627926	49357.1902	2.284214e+11
## 1147	Asia	1952	37.57800	507833	1828.2303	9.284357e+08
## 1148	Asia	1957	40.08000	561977	2242.7466	1.260372e+09
## 1149	Asia	1962	43.16500	628164	2924.6381	1.837152e+09
## 1150	Asia	1967	46.98800	714775	4720.9427	3.374412e+09
## 1151	Asia	1972	52.14300	829050	10618.0385	8.802885e+09

## 1152	Asia	1977	57.36700	1004533	11848.3439	1.190205e+10
## 1153	Asia	1982	62.72800	1301048	12954.7910	1.685480e+10
## 1154	Asia	1987	67.73400	1593882	18115.2231	2.887353e+10
## 1155	Asia	1992	71.19700	1915208	18616.7069	3.565487e+10
## 1156	Asia	1997	72.49900	2283635	19702.0558	4.499230e+10
## 1157	Asia	2002	74.19300	2713462	19774.8369	5.365827e+10
## 1158	Asia	2007	75.64000	3204897	22316.1929	7.152110e+10
## 1159	Asia	1952	43.43600	41346560	684.5971	2.830574e+10
## 1160	Asia	1957	45.55700	46679944	747.0835	3.487382e+10
## 1161	Asia	1962	47.67000	53100671	803.3427	4.265804e+10
## 1162	Asia	1967	49.80000	60641899	942.4083	5.714943e+10
## 1163	Asia	1972	51.92900	69325921	1049.9390	7.278799e+10
## 1164	Asia	1977	54.04300	78152686	1175.9212	9.190140e+10
## 1165	Asia	1982	56.15800	91462088	1443.4298	1.320191e+11
## 1166	Asia	1987	58.24500	105186881	1704.6866	1.793107e+11
## 1167	Asia	1992	60.83800	120065004	1971.8295	2.367477e+11
## 1168	Asia	1997	61.81800	135564834	2049.3505	2.778199e+11
## 1169	Asia	2002	63.61000	153403524	2092.7124	3.210295e+11
## 1170	Asia	2007	65.48300	169270617	2605.9476	4.411104e+11
## 1171	Americas	1952	55.19100	940080	2480.3803	2.331756e+09
## 1172	Americas	1957	59.20100	1063506	2961.8009	3.149893e+09
## 1173	Americas	1962	61.81700	1215725	3536.5403	4.299460e+09
## 1174	Americas	1967	64.07100	1405486	4421.0091	6.213666e+09
## 1175	Americas	1972	66.21600	1616384	5364.2497	8.670687e+09
## 1176	Americas	1977	68.68100	1839782	5351.9121	9.846352e+09
## 1177	Americas	1982	70.47200	2036305	7009.6016	1.427369e+10
## 1178	Americas	1987	71.52300	2253639	7034.7792	1.585385e+10
## 1179	Americas	1992	72.46200	2484997	6618.7431	1.644756e+10
## 1180	Americas	1997	73.73800	2734531	7113.6923	1.945261e+10
## 1181	Americas	2002	74.71200	2990875	7356.0319	2.200097e+10
## 1182	Americas	2007	75.53700	3242173	9809.1856	3.180308e+10
## 1183	Americas	1952	62.64900	1555876	1952.3087	3.037550e+09
## 1184	Americas	1957	63.19600	1770902	2046.1547	3.623539e+09
## 1185	Americas	1962	64.36100	2009813	2148.0271	4.317133e+09
## 1186	Americas	1967	64.95100	2287985	2299.3763	5.260939e+09
## 1187	Americas	1972	65.81500	2614104	2523.3380	6.596268e+09
## 1188	Americas	1977	66.35300	2984494	3248.3733	9.694751e+09
## 1189	Americas	1982	66.87400	3366439	4258.5036	1.433599e+10
## 1190	Americas	1987	67.37800	3886512	3998.8757	1.554168e+10
## 1191	Americas	1992	68.22500	4483945	4196.4111	1.881648e+10
## 1192	Americas	1997	69.40000	5154123	4247.4003	2.189162e+10
## 1193	Americas	2002	70.75500	5884491	3783.6742	2.226500e+10
## 1194	Americas	2007	71.75200	6667147	4172.8385	2.782093e+10
## 1195	Americas	1952	43.90200	8025700	3758.5234	3.016478e+10
## 1196	Americas	1957	46.26300	9146100	4245.2567	3.882754e+10
## 1197	Americas	1962	49.09600	10516500	4957.0380	5.213069e+10
## 1198	Americas	1967	51.44500	12132200	5788.0933	7.022231e+10
## 1199	Americas	1972	55.44800	13954700	5937.8273	8.286060e+10
## 1200	Americas	1977	58.44700	15990099	6281.2909	1.004385e+11
## 1201	Americas	1982	61.40600	18125129	6434.5018	1.166262e+11
## 1202	Americas	1987	64.13400	20195924	6360.9434	1.284651e+11
## 1203	Americas	1992	66.45800	22430449	4446.3809	9.973432e+10
## 1204	Americas	1997	68.38600	24748122	5838.3477	1.444881e+11
## 1205	Americas	2002	69.90600	26769436	5909.0201	1.581811e+11

## 1206	Americas	2007	71.42100	28674757	7408.9056	2.124486e+11
## 1207	Asia	1952	47.75200	22438691	1272.8810	2.856178e+10
## 1208	Asia	1957	51.33400	26072194	1547.9448	4.035832e+10
## 1209	Asia	1962	54.75700	30325264	1649.5522	5.002310e+10
## 1210	Asia	1967	56.39300	35356600	1814.1274	6.414138e+10
## 1211	Asia	1972	58.06500	40850141	1989.3741	8.126621e+10
## 1212	Asia	1977	60.06000	46850962	2373.2043	1.111869e+11
## 1213	Asia	1982	62.08200	53456774	2603.2738	1.391626e+11
## 1214	Asia	1987	64.15100	60017788	2189.6350	1.314170e+11
## 1215	Asia	1992	66.45800	67185766	2279.3240	1.531381e+11
## 1216	Asia	1997	68.56400	75012988	2536.5349	1.902731e+11
## 1217	Asia	2002	70.30300	82995088	2650.9211	2.200134e+11
## 1218	Asia	2007	71.68800	91077287	3190.4810	2.905804e+11
## 1219	Europe	1952	61.31000	25730551	4029.3297	1.036769e+11
## 1220	Europe	1957	65.77000	28235346	4734.2530	1.336733e+11
## 1221	Europe	1962	67.64000	30329617	5338.7521	1.619223e+11
## 1222	Europe	1967	69.61000	31785378	6557.1528	2.084216e+11
## 1223	Europe	1972	70.85000	33039545	8006.5070	2.645313e+11
## 1224	Europe	1977	70.67000	34621254	9508.1415	3.291838e+11
## 1225	Europe	1982	71.32000	36227381	8451.5310	3.061768e+11
## 1226	Europe	1987	70.98000	37740710	9082.3512	3.427744e+11
## 1227	Europe	1992	70.99000	38370697	7738.8812	2.969463e+11
## 1228	Europe	1997	72.75000	38654957	10159.5837	3.927183e+11
## 1229	Europe	2002	74.67000	38625976	12002.2391	4.635982e+11
## 1230	Europe	2007	75.56300	38518241	15389.9247	5.927928e+11
## 1231	Europe	1952	59.82000	8526050	3068.3199	2.616065e+10
## 1232	Europe	1957	61.51000	8817650	3774.5717	3.328285e+10
## 1233	Europe	1962	64.39000	9019800	4727.9549	4.264521e+10
## 1234	Europe	1967	66.60000	9103000	6361.5180	5.790890e+10
## 1235	Europe	1972	69.26000	8970450	9022.2474	8.093362e+10
## 1236	Europe	1977	70.41000	9662600	10172.4857	9.829266e+10
## 1237	Europe	1982	72.77000	9859650	11753.8429	1.158888e+11
## 1238	Europe	1987	74.06000	9915289	13039.3088	1.292885e+11
## 1239	Europe	1992	74.86000	9927680	16207.2666	1.609006e+11
## 1240	Europe	1997	75.97000	10156415	17641.0316	1.791696e+11
## 1241	Europe	2002	77.29000	10433867	19970.9079	2.083738e+11
## 1242	Europe	2007	78.09800	10642836	20509.6478	2.182808e+11
## 1243	Americas	1952	64.28000	2227000	3081.9598	6.863524e+09
## 1244	Americas	1957	68.54000	2260000	3907.1562	8.830173e+09
## 1245	Americas	1962	69.62000	2448046	5108.3446	1.250546e+10
## 1246	Americas	1967	71.10000	2648961	6929.2777	1.835539e+10
## 1247	Americas	1972	72.16000	2847132	9123.0417	2.597450e+10
## 1248	Americas	1977	73.44000	3080828	9770.5249	3.010131e+10
## 1249	Americas	1982	73.75000	3279001	10330.9891	3.387532e+10
## 1250	Americas	1987	74.63000	3444468	12281.3419	4.230269e+10
## 1251	Americas	1992	73.91100	3585176	14641.5871	5.249267e+10
## 1252	Americas	1997	74.91700	3759430	16999.4333	6.390818e+10
## 1253	Americas	2002	77.77800	3859606	18855.6062	7.277521e+10
## 1254	Americas	2007	78.74600	3942491	19328.7090	7.620326e+10
## 1255	Africa	1952	52.72400	257700	2718.8853	7.006567e+08
## 1256	Africa	1957	55.09000	308700	2769.4518	8.549298e+08
## 1257	Africa	1962	57.66600	358900	3173.7233	1.139049e+09
## 1258	Africa	1967	60.54200	414024	4021.1757	1.664863e+09
## 1259	Africa	1972	64.27400	461633	5047.6586	2.330166e+09

## 1260	Africa	1977	67.06400	492095	4319.8041	2.125754e+09
## 1261	Africa	1982	69.88500	517810	5267.2194	2.727419e+09
## 1262	Africa	1987	71.91300	562035	5303.3775	2.980684e+09
## 1263	Africa	1992	73.61500	622191	6101.2558	3.796146e+09
## 1264	Africa	1997	74.77200	684810	6071.9414	4.158126e+09
## 1265	Africa	2002	75.74400	743981	6316.1652	4.699107e+09
## 1266	Africa	2007	76.44200	798094	7670.1226	6.121479e+09
## 1267	Europe	1952	61.05000	16630000	3144.6132	5.229492e+10
## 1268	Europe	1957	64.10000	17829327	3943.3702	7.030764e+10
## 1269	Europe	1962	66.80000	18680721	4734.9976	8.845317e+10
## 1270	Europe	1967	66.80000	19284814	6470.8665	1.247895e+11
## 1271	Europe	1972	69.21000	20662648	8011.4144	1.655370e+11
## 1272	Europe	1977	69.46000	21658597	9356.3972	2.026464e+11
## 1273	Europe	1982	69.66000	22356726	9605.3141	2.147434e+11
## 1274	Europe	1987	69.53000	22686371	9696.2733	2.199733e+11
## 1275	Europe	1992	69.36000	22797027	6598.4099	1.504241e+11
## 1276	Europe	1997	69.72000	22562458	7346.5476	1.657562e+11
## 1277	Europe	2002	71.32200	22404337	7885.3601	1.766663e+11
## 1278	Europe	2007	72.47600	22276056	10808.4756	2.407702e+11
## 1279	Africa	1952	40.00000	2534927	493.3239	1.250540e+09
## 1280	Africa	1957	41.50000	2822082	540.2894	1.524741e+09
## 1281	Africa	1962	43.00000	3051242	597.4731	1.823035e+09
## 1282	Africa	1967	44.10000	3451079	510.9637	1.763376e+09
## 1283	Africa	1972	44.60000	3992121	590.5807	2.357669e+09
## 1284	Africa	1977	45.00000	4657072	670.0806	3.120614e+09
## 1285	Africa	1982	46.21800	5507565	881.5706	4.855308e+09
## 1286	Africa	1987	44.02000	6349365	847.9912	5.384206e+09
## 1287	Africa	1992	23.59900	7290203	737.0686	5.373380e+09
## 1288	Africa	1997	36.08700	7212583	589.9445	4.255024e+09
## 1289	Africa	2002	43.41300	7852401	785.6538	6.169268e+09
## 1290	Africa	2007	46.24200	8860588	863.0885	7.647471e+09
## 1291	Africa	1952	46.47100	60011	879.5836	5.278469e+07
## 1292	Africa	1957	48.94500	61325	860.7369	5.278469e+07
## 1293	Africa	1962	51.89300	65345	1071.5511	7.002051e+07
## 1294	Africa	1967	54.42500	70787	1384.8406	9.802871e+07
## 1295	Africa	1972	56.48000	76595	1532.9853	1.174190e+08
## 1296	Africa	1977	58.55000	86796	1737.5617	1.508134e+08
## 1297	Africa	1982	60.35100	98593	1890.2181	1.863623e+08
## 1298	Africa	1987	61.72800	110812	1516.5255	1.680492e+08
## 1299	Africa	1992	62.74200	125911	1428.7778	1.798988e+08
## 1300	Africa	1997	63.30600	145608	1339.0760	1.949802e+08
## 1301	Africa	2002	64.33700	170372	1353.0924	2.305291e+08
## 1302	Africa	2007	65.52800	199579	1598.4351	3.190141e+08
## 1303	Asia	1952	39.87500	4005677	6459.5548	2.587489e+10
## 1304	Asia	1957	42.86800	4419650	8157.5912	3.605370e+10
## 1305	Asia	1962	45.91400	4943029	11626.4197	5.746973e+10
## 1306	Asia	1967	49.90100	5618198	16903.0489	9.496468e+10
## 1307	Asia	1972	53.88600	6472756	24837.4287	1.607666e+11
## 1308	Asia	1977	58.69000	8128505	34167.7626	2.777328e+11
## 1309	Asia	1982	63.01200	11254672	33693.1753	3.792056e+11
## 1310	Asia	1987	66.29500	14619745	21198.2614	3.099132e+11
## 1311	Asia	1992	68.76800	16945857	24841.6178	4.209625e+11
## 1312	Asia	1997	70.53300	21229759	20586.6902	4.370505e+11
## 1313	Asia	2002	71.62600	24501530	19014.5412	4.658854e+11

## 1314	Asia	2007	72.77700	27601038	21654.8319	5.976958e+11
## 1315	Africa	1952	37.27800	2755589	1450.3570	3.996588e+09
## 1316	Africa	1957	39.32900	3054547	1567.6530	4.788470e+09
## 1317	Africa	1962	41.45400	3430243	1654.9887	5.677013e+09
## 1318	Africa	1967	43.56300	3965841	1612.4046	6.394540e+09
## 1319	Africa	1972	45.81500	4588696	1597.7121	7.331415e+09
## 1320	Africa	1977	48.87900	5260855	1561.7691	8.216241e+09
## 1321	Africa	1982	52.37900	6147783	1518.4800	9.335285e+09
## 1322	Africa	1987	55.76900	7171347	1441.7207	1.033908e+10
## 1323	Africa	1992	58.19600	8307920	1367.8994	1.136440e+10
## 1324	Africa	1997	60.18700	9535314	1392.3683	1.327667e+10
## 1325	Africa	2002	61.60000	10870037	1519.6353	1.651849e+10
## 1326	Africa	2007	63.06200	12267493	1712.4721	2.100774e+10
## 1327	Europe	1952	57.99600	6860147	3581.4594	2.456934e+10
## 1328	Europe	1957	61.68500	7271135	4981.0909	3.621818e+10
## 1329	Europe	1962	64.53100	7616060	6289.6292	4.790219e+10
## 1330	Europe	1967	66.91400	7971222	7991.7071	6.370367e+10
## 1331	Europe	1972	68.70000	8313288	10522.0675	8.747298e+10
## 1332	Europe	1977	70.30000	8686367	12980.6696	1.127549e+11
## 1333	Europe	1982	70.16200	9032824	15181.0927	1.371281e+11
## 1334	Europe	1987	71.21800	9230783	15870.8785	1.465006e+11
## 1335	Europe	1992	71.65900	9826397	9325.0682	9.163182e+10
## 1336	Europe	1997	72.23200	10336594	7914.3203	8.180712e+10
## 1337	Europe	2002	73.21300	10111559	7236.0753	7.316800e+10
## 1338	Europe	2007	74.00200	10150265	9786.5347	9.933592e+10
## 1339	Africa	1952	30.33100	2143249	879.7877	1.885604e+09
## 1340	Africa	1957	31.57000	2295678	1004.4844	2.305973e+09
## 1341	Africa	1962	32.76700	2467895	1116.6399	2.755750e+09
## 1342	Africa	1967	34.11300	2662190	1206.0435	3.210717e+09
## 1343	Africa	1972	35.40000	2879013	1353.7598	3.897492e+09
## 1344	Africa	1977	36.78800	3140897	1348.2852	4.234825e+09
## 1345	Africa	1982	38.44500	3464522	1465.0108	5.075562e+09
## 1346	Africa	1987	40.00600	3868905	1294.4478	5.008096e+09
## 1347	Africa	1992	38.33300	4260884	1068.6963	4.553591e+09
## 1348	Africa	1997	39.89700	4578212	574.6482	2.630861e+09
## 1349	Africa	2002	41.01200	5359092	699.4897	3.748630e+09
## 1350	Africa	2007	42.56800	6144562	862.5408	5.299935e+09
## 1351	Asia	1952	60.39600	1127000	2315.1382	2.609161e+09
## 1352	Asia	1957	63.17900	1445929	2843.1044	4.110927e+09
## 1353	Asia	1962	65.79800	1750200	3674.7356	6.431522e+09
## 1354	Asia	1967	67.94600	1977600	4977.4185	9.843343e+09
## 1355	Asia	1972	69.52100	2152400	8597.7562	1.850581e+10
## 1356	Asia	1977	70.79500	2325300	11210.0895	2.606682e+10
## 1357	Asia	1982	71.76000	2651869	15169.1611	4.022663e+10
## 1358	Asia	1987	73.56000	2794552	18861.5308	5.270953e+10
## 1359	Asia	1992	75.78800	3235865	24769.8912	8.015202e+10
## 1360	Asia	1997	77.15800	3802309	33519.4766	1.274514e+11
## 1361	Asia	2002	78.77000	4197776	36023.1054	1.512169e+11
## 1362	Asia	2007	79.97200	4553009	47143.1796	2.146433e+11
## 1363	Europe	1952	64.36000	3558137	5074.6591	1.805633e+10
## 1364	Europe	1957	67.45000	3844277	6093.2630	2.342419e+10
## 1365	Europe	1962	70.33000	4237384	7481.1076	3.170033e+10
## 1366	Europe	1967	70.98000	4442238	8412.9024	3.737211e+10
## 1367	Europe	1972	70.35000	4593433	9674.1676	4.443764e+10

## 1368	Europe	1977	70.45000	4827803	10922.6640	5.273247e+10
## 1369	Europe	1982	70.80000	5048043	11348.5459	5.728795e+10
## 1370	Europe	1987	71.08000	5199318	12037.2676	6.258558e+10
## 1371	Europe	1992	71.38000	5302888	9498.4677	5.036931e+10
## 1372	Europe	1997	72.71000	5383010	12126.2306	6.527562e+10
## 1373	Europe	2002	73.80000	5410052	13638.7784	7.378650e+10
## 1374	Europe	2007	74.66300	5447502	18678.3144	1.017502e+11
## 1375	Europe	1952	65.57000	1489518	4215.0417	6.278381e+09
## 1376	Europe	1957	67.85000	1533070	5862.2766	8.987280e+09
## 1377	Europe	1962	69.15000	1582962	7402.3034	1.171756e+10
## 1378	Europe	1967	69.18000	1646912	9405.4894	1.549001e+10
## 1379	Europe	1972	69.82000	1694510	12383.4862	2.098394e+10
## 1380	Europe	1977	70.97000	1746919	15277.0302	2.668773e+10
## 1381	Europe	1982	71.06300	1861252	17866.7218	3.325447e+10
## 1382	Europe	1987	72.25000	1945870	18678.5349	3.634600e+10
## 1383	Europe	1992	73.64000	1999210	14214.7168	2.841820e+10
## 1384	Europe	1997	75.13000	2011612	17161.1073	3.452149e+10
## 1385	Europe	2002	76.66000	2011497	20660.0194	4.155757e+10
## 1386	Europe	2007	77.92600	2009245	25768.2576	5.177474e+10
## 1387	Africa	1952	32.97800	2526994	1135.7498	2.870033e+09
## 1388	Africa	1957	34.97700	2780415	1258.1474	3.498172e+09
## 1389	Africa	1962	36.98100	3080153	1369.4883	4.218234e+09
## 1390	Africa	1967	38.97700	3428839	1284.7332	4.405143e+09
## 1391	Africa	1972	40.97300	3840161	1254.5761	4.817774e+09
## 1392	Africa	1977	41.97400	4353666	1450.9925	6.317137e+09
## 1393	Africa	1982	42.95500	5828892	1176.8070	6.859481e+09
## 1394	Africa	1987	44.50100	6921858	1093.2450	7.567286e+09
## 1395	Africa	1992	39.65800	6099799	926.9603	5.654271e+09
## 1396	Africa	1997	43.79500	6633514	930.5964	6.173124e+09
## 1397	Africa	2002	45.93600	7753310	882.0818	6.839054e+09
## 1398	Africa	2007	48.15900	9118773	926.1411	8.445270e+09
## 1399	Africa	1952	45.00900	14264935	4725.2955	6.740603e+10
## 1400	Africa	1957	47.98500	16151549	5487.1042	8.862523e+10
## 1401	Africa	1962	49.95100	18356657	5768.7297	1.058946e+11
## 1402	Africa	1967	51.92700	20997321	7114.4780	1.493850e+11
## 1403	Africa	1972	53.69600	23935810	7765.9626	1.858846e+11
## 1404	Africa	1977	55.52700	27129932	8028.6514	2.178168e+11
## 1405	Africa	1982	58.16100	31140029	8568.2662	2.668161e+11
## 1406	Africa	1987	60.83400	35933379	7825.8234	2.812083e+11
## 1407	Africa	1992	61.88800	39964159	7225.0693	2.887438e+11
## 1408	Africa	1997	60.23600	42835005	7479.1882	3.203711e+11
## 1409	Africa	2002	53.36500	44433622	7710.9464	3.426253e+11
## 1410	Africa	2007	49.33900	43997828	9269.6578	4.078448e+11
## 1411	Europe	1952	64.94000	28549870	3834.0347	1.094612e+11
## 1412	Europe	1957	66.66000	29841614	4564.8024	1.362211e+11
## 1413	Europe	1962	69.69000	31158061	5693.8439	1.774091e+11
## 1414	Europe	1967	71.44000	32850275	7993.5123	2.625891e+11
## 1415	Europe	1972	73.06000	34513161	10638.7513	3.671769e+11
## 1416	Europe	1977	74.39000	36439000	13236.9212	4.823402e+11
## 1417	Europe	1982	76.30000	37983310	13926.1700	5.289620e+11
## 1418	Europe	1987	76.90000	38880702	15764.9831	6.129536e+11
## 1419	Europe	1992	77.57000	39549438	18603.0645	7.357407e+11
## 1420	Europe	1997	78.77000	39855442	20445.2990	8.148564e+11
## 1421	Europe	2002	79.78000	40152517	24835.4717	9.972067e+11

## 1422	Europe	2007	80.94100	40448191	28821.0637	1.165760e+12
## 1423	Asia	1952	57.59300	7982342	1083.5320	8.649123e+09
## 1424	Asia	1957	61.45600	9128546	1072.5466	9.790791e+09
## 1425	Asia	1962	62.19200	10421936	1074.4720	1.119808e+10
## 1426	Asia	1967	64.26600	11737396	1135.5143	1.332798e+10
## 1427	Asia	1972	65.04200	13016733	1213.3955	1.579445e+10
## 1428	Asia	1977	65.94900	14116836	1348.7757	1.904044e+10
## 1429	Asia	1982	68.75700	15410151	1648.0798	2.539716e+10
## 1430	Asia	1987	69.01100	16495304	1876.7668	3.095784e+10
## 1431	Asia	1992	70.37900	17587060	2153.7392	3.787794e+10
## 1432	Asia	1997	70.45700	18698655	2664.4773	4.982214e+10
## 1433	Asia	2002	70.81500	19576783	3015.3788	5.903142e+10
## 1434	Asia	2007	72.39600	20378239	3970.0954	8.090355e+10
## 1435	Africa	1952	38.63500	8504667	1615.9911	1.374347e+10
## 1436	Africa	1957	39.62400	9753392	1770.3371	1.726679e+10
## 1437	Africa	1962	40.87000	11183227	1959.5938	2.191458e+10
## 1438	Africa	1967	42.85800	12716129	1687.9976	2.146480e+10
## 1439	Africa	1972	45.08300	14597019	1659.6528	2.422598e+10
## 1440	Africa	1977	47.80000	17104986	2202.9884	3.768209e+10
## 1441	Africa	1982	50.33800	20367053	1895.5441	3.860665e+10
## 1442	Africa	1987	51.74400	24725960	1507.8192	3.728228e+10
## 1443	Africa	1992	53.55600	28227588	1492.1970	4.212112e+10
## 1444	Africa	1997	55.37300	32160729	1632.2108	5.249309e+10
## 1445	Africa	2002	56.36900	37090298	1993.3983	7.393574e+10
## 1446	Africa	2007	58.55600	42292929	2602.3950	1.100629e+11
## 1447	Africa	1952	41.40700	290243	1148.3766	3.333083e+08
## 1448	Africa	1957	43.42400	326741	1244.7084	4.066973e+08
## 1449	Africa	1962	44.99200	370006	1856.1821	6.867985e+08
## 1450	Africa	1967	46.63300	420690	2613.1017	1.099306e+09
## 1451	Africa	1972	49.55200	480105	3364.8366	1.615475e+09
## 1452	Africa	1977	52.53700	551425	3781.4106	2.085164e+09
## 1453	Africa	1982	55.56100	649901	3895.3840	2.531614e+09
## 1454	Africa	1987	57.67800	779348	3984.8398	3.105577e+09
## 1455	Africa	1992	58.47400	962344	3553.0224	3.419230e+09
## 1456	Africa	1997	54.28900	1054486	3876.7685	4.087998e+09
## 1457	Africa	2002	43.86900	1130269	4128.1169	4.665883e+09
## 1458	Africa	2007	39.61300	1133066	4513.4806	5.114071e+09
## 1459	Europe	1952	71.86000	7124673	8527.8447	6.075810e+10
## 1460	Europe	1957	72.49000	7363802	9911.8782	7.298911e+10
## 1461	Europe	1962	73.37000	7561588	12329.4419	9.323016e+10
## 1462	Europe	1967	74.16000	7867931	15258.2970	1.200512e+11
## 1463	Europe	1972	74.72000	8122293	17832.0246	1.448369e+11
## 1464	Europe	1977	75.44000	8251648	18855.7252	1.555908e+11
## 1465	Europe	1982	76.42000	8325260	20667.3812	1.720613e+11
## 1466	Europe	1987	77.19000	8421403	23586.9293	1.986350e+11
## 1467	Europe	1992	78.16000	8718867	23880.0168	2.082067e+11
## 1468	Europe	1997	79.39000	8897619	25266.5950	2.248125e+11
## 1469	Europe	2002	80.04000	8954175	29341.6309	2.627301e+11
## 1470	Europe	2007	80.88400	9031088	33859.7484	3.057904e+11
## 1471	Europe	1952	69.62000	4815000	14734.2327	7.094533e+10
## 1472	Europe	1957	70.56000	5126000	17909.4897	9.180404e+10
## 1473	Europe	1962	71.32000	5666000	20431.0927	1.157626e+11
## 1474	Europe	1967	72.77000	6063000	22966.1443	1.392437e+11
## 1475	Europe	1972	73.78000	6401400	27195.1130	1.740868e+11

## 1476	Europe	1977	75.39000	6316424	26982.2905	1.704316e+11
## 1477	Europe	1982	76.21000	6468126	28397.7151	1.836800e+11
## 1478	Europe	1987	77.41000	6649942	30281.7046	2.013716e+11
## 1479	Europe	1992	78.03000	6995447	31871.5303	2.229556e+11
## 1480	Europe	1997	79.37000	7193761	32135.3230	2.311738e+11
## 1481	Europe	2002	80.62000	7361757	34480.9577	2.538404e+11
## 1482	Europe	2007	81.70100	7554661	37506.4191	2.833483e+11
## 1483	Asia	1952	45.88300	3661549	1643.4854	6.017702e+09
## 1484	Asia	1957	48.28400	4149908	2117.2349	8.786330e+09
## 1485	Asia	1962	50.30500	4834621	2193.0371	1.060250e+10
## 1486	Asia	1967	53.65500	5680812	1881.9236	1.069085e+10
## 1487	Asia	1972	57.29600	6701172	2571.4230	1.723155e+10
## 1488	Asia	1977	61.19500	7932503	3195.4846	2.534819e+10
## 1489	Asia	1982	64.59000	9410494	3761.8377	3.540075e+10
## 1490	Asia	1987	66.97400	11242847	3116.7743	3.504142e+10
## 1491	Asia	1992	69.24900	13219062	3340.5428	4.415884e+10
## 1492	Asia	1997	71.52700	15081016	4014.2390	6.053880e+10
## 1493	Asia	2002	73.05300	17155814	4090.9253	7.018315e+10
## 1494	Asia	2007	74.14300	19314747	4184.5481	8.082349e+10
## 1495	Asia	1952	58.50000	8550362	1206.9479	1.031984e+10
## 1496	Asia	1957	62.40000	10164215	1507.8613	1.532623e+10
## 1497	Asia	1962	65.20000	11918938	1822.8790	2.172678e+10
## 1498	Asia	1967	67.50000	13648692	2643.8587	3.608521e+10
## 1499	Asia	1972	69.39000	15226039	4062.5239	6.185615e+10
## 1500	Asia	1977	70.59000	16785196	5596.5198	9.393868e+10
## 1501	Asia	1982	72.16000	18501390	7426.3548	1.373979e+11
## 1502	Asia	1987	73.40000	19757799	11054.5618	2.184138e+11
## 1503	Asia	1992	74.26000	20686918	15215.6579	3.147651e+11
## 1504	Asia	1997	75.25000	21628605	20206.8210	4.370453e+11
## 1505	Asia	2002	76.99000	22454239	23235.4233	5.217337e+11
## 1506	Asia	2007	78.40000	23174294	28718.2768	6.655258e+11
## 1507	Africa	1952	41.21500	8322925	716.6501	5.964625e+09
## 1508	Africa	1957	42.97400	9452826	698.5356	6.603136e+09
## 1509	Africa	1962	44.24600	10863958	722.0038	7.843819e+09
## 1510	Africa	1967	45.75700	12607312	848.2187	1.069376e+10
## 1511	Africa	1972	47.62000	14706593	915.9851	1.347102e+10
## 1512	Africa	1977	49.91900	17129565	962.4923	1.648707e+10
## 1513	Africa	1982	50.60800	19844382	874.2426	1.734880e+10
## 1514	Africa	1987	51.53500	23040630	831.8221	1.916570e+10
## 1515	Africa	1992	50.44000	26605473	825.6825	2.196767e+10
## 1516	Africa	1997	48.46600	30686889	789.1862	2.421767e+10
## 1517	Africa	2002	49.65100	34593779	899.0742	3.110237e+10
## 1518	Africa	2007	52.51700	38139640	1107.4822	4.223897e+10
## 1519	Asia	1952	50.84800	21289402	757.7974	1.613305e+10
## 1520	Asia	1957	53.63000	25041917	793.5774	1.987270e+10
## 1521	Asia	1962	56.06100	29263397	1002.1992	2.932775e+10
## 1522	Asia	1967	58.28500	34024249	1295.4607	4.407708e+10
## 1523	Asia	1972	60.40500	39276153	1524.3589	5.987095e+10
## 1524	Asia	1977	62.49400	44148285	1961.2246	8.658470e+10
## 1525	Asia	1982	64.59700	48827160	2393.2198	1.168541e+11
## 1526	Asia	1987	66.08400	52910342	2982.6538	1.578132e+11
## 1527	Asia	1992	67.29800	56667095	4616.8965	2.616261e+11
## 1528	Asia	1997	67.52100	60216677	5852.6255	3.524257e+11
## 1529	Asia	2002	68.56400	62806748	5913.1875	3.713881e+11

## 1530	Asia	2007	70.61600	65068149	7458.3963	4.853040e+11
## 1531	Africa	1952	38.59600	1219113	859.8087	1.048204e+09
## 1532	Africa	1957	41.20800	1357445	925.9083	1.256870e+09
## 1533	Africa	1962	43.92200	1528098	1067.5348	1.631298e+09
## 1534	Africa	1967	46.76900	1735550	1477.5968	2.564443e+09
## 1535	Africa	1972	49.75900	2056351	1649.6602	3.392280e+09
## 1536	Africa	1977	52.88700	2308582	1532.7770	3.538541e+09
## 1537	Africa	1982	55.47100	2644765	1344.5780	3.556093e+09
## 1538	Africa	1987	56.94100	3154264	1202.2014	3.792060e+09
## 1539	Africa	1992	58.06100	3747553	1034.2989	3.876090e+09
## 1540	Africa	1997	58.39000	4320890	982.2869	4.244354e+09
## 1541	Africa	2002	57.56100	4977378	886.2206	4.411055e+09
## 1542	Africa	2007	58.42000	5701579	882.9699	5.034323e+09
## 1543	Americas	1952	59.10000	662850	3023.2719	2.003976e+09
## 1544	Americas	1957	61.80000	764900	4100.3934	3.136391e+09
## 1545	Americas	1962	64.90000	887498	4997.5240	4.435293e+09
## 1546	Americas	1967	65.40000	960155	5621.3685	5.397385e+09
## 1547	Americas	1972	65.90000	975199	6619.5514	6.455380e+09
## 1548	Americas	1977	68.30000	1039009	7899.5542	8.207708e+09
## 1549	Americas	1982	68.83200	1116479	9119.5286	1.018176e+10
## 1550	Americas	1987	69.58200	1191336	7388.5978	8.802303e+09
## 1551	Americas	1992	69.86200	1183669	7370.9909	8.724813e+09
## 1552	Americas	1997	69.46500	1138101	8792.5731	1.000684e+10
## 1553	Americas	2002	68.97600	1101832	11460.6002	1.262766e+10
## 1554	Americas	2007	69.81900	1056608	18008.5092	1.902793e+10
## 1555	Africa	1952	44.60000	3647735	1468.4756	5.356610e+09
## 1556	Africa	1957	47.10000	3950849	1395.2325	5.512353e+09
## 1557	Africa	1962	49.57900	4286552	1660.3032	7.116976e+09
## 1558	Africa	1967	52.05300	4786986	1932.3602	9.250181e+09
## 1559	Africa	1972	55.60200	5303507	2753.2860	1.460207e+10
## 1560	Africa	1977	59.83700	6005061	3120.8768	1.874106e+10
## 1561	Africa	1982	64.04800	6734098	3560.2332	2.397496e+10
## 1562	Africa	1987	66.89400	7724976	3810.4193	2.943540e+10
## 1563	Africa	1992	70.00100	8523077	4332.7202	3.692811e+10
## 1564	Africa	1997	71.97300	9231669	4876.7986	4.502099e+10
## 1565	Africa	2002	73.04200	9770575	5722.8957	5.591598e+10
## 1566	Africa	2007	73.92300	10276158	7092.9230	7.288800e+10
## 1567	Europe	1952	43.58500	22235677	1969.1010	4.378429e+10
## 1568	Europe	1957	48.07900	25670939	2218.7543	5.695751e+10
## 1569	Europe	1962	52.09800	29788695	2322.8699	6.919526e+10
## 1570	Europe	1967	54.33600	33411317	2826.3564	9.443229e+10
## 1571	Europe	1972	57.00500	37492953	3450.6964	1.293768e+11
## 1572	Europe	1977	59.50700	42404033	4269.1223	1.810280e+11
## 1573	Europe	1982	61.03600	47328791	4241.3563	2.007383e+11
## 1574	Europe	1987	63.10800	52881328	5089.0437	2.691154e+11
## 1575	Europe	1992	66.14600	58179144	5678.3483	3.303614e+11
## 1576	Europe	1997	68.83500	63047647	6601.4299	4.162046e+11
## 1577	Europe	2002	70.84500	67308928	6508.0857	4.380523e+11
## 1578	Europe	2007	71.77700	71158647	8458.2764	6.018795e+11
## 1579	Africa	1952	39.97800	5824797	734.7535	4.279790e+09
## 1580	Africa	1957	42.57100	6675501	774.3711	5.169315e+09
## 1581	Africa	1962	45.34400	7688797	767.2717	5.899397e+09
## 1582	Africa	1967	48.05100	8900294	908.9185	8.089642e+09
## 1583	Africa	1972	51.01600	10190285	950.7359	9.688269e+09

## 1584	Africa	1977	50.35000	11457758	843.7331	9.667290e+09
## 1585	Africa	1982	49.84900	12939400	682.2662	8.828116e+09
## 1586	Africa	1987	51.50900	15283050	617.7244	9.440713e+09
## 1587	Africa	1992	48.82500	18252190	644.1708	1.175753e+10
## 1588	Africa	1997	44.57800	21210254	816.5591	1.731943e+10
## 1589	Africa	2002	47.81300	24739869	927.7210	2.295170e+10
## 1590	Africa	2007	51.54200	29170398	1056.3801	3.081503e+10
## 1591	Europe	1952	69.18000	50430000	9979.5085	5.032666e+11
## 1592	Europe	1957	70.42000	51430000	11283.1779	5.802938e+11
## 1593	Europe	1962	70.76000	53292000	12477.1771	6.649337e+11
## 1594	Europe	1967	71.36000	54959000	14142.8509	7.772769e+11
## 1595	Europe	1972	72.01000	56079000	15895.1164	8.913822e+11
## 1596	Europe	1977	72.76000	56179000	17428.7485	9.791297e+11
## 1597	Europe	1982	74.04000	56339704	18232.4245	1.027209e+12
## 1598	Europe	1987	75.00700	56981620	21664.7877	1.234495e+12
## 1599	Europe	1992	76.42000	57866349	22705.0925	1.313861e+12
## 1600	Europe	1997	77.21800	58808266	26074.5314	1.533398e+12
## 1601	Europe	2002	78.47100	59912431	29478.9992	1.766159e+12
## 1602	Europe	2007	79.42500	60776238	33203.2613	2.017969e+12
## 1603	Americas	1952	68.44000	157553000	13990.4821	2.204242e+12
## 1604	Americas	1957	69.49000	171984000	14847.1271	2.553468e+12
## 1605	Americas	1962	70.21000	186538000	16173.1459	3.016906e+12
## 1606	Americas	1967	70.76000	198712000	19530.3656	3.880918e+12
## 1607	Americas	1972	71.34000	209896000	21806.0359	4.577000e+12
## 1608	Americas	1977	73.38000	220239000	24072.6321	5.301732e+12
## 1609	Americas	1982	74.65000	232187835	25009.5591	5.806915e+12
## 1610	Americas	1987	75.02000	242803533	29884.3504	7.256026e+12
## 1611	Americas	1992	76.09000	256894189	32003.9322	8.221624e+12
## 1612	Americas	1997	76.81000	272911760	35767.4330	9.761353e+12
## 1613	Americas	2002	77.31000	287675526	39097.0995	1.124728e+13
## 1614	Americas	2007	78.24200	301139947	42951.6531	1.293446e+13
## 1615	Americas	1952	66.07100	2252965	5716.7667	1.287968e+10
## 1616	Americas	1957	67.04400	2424959	6150.7730	1.491537e+10
## 1617	Americas	1962	68.25300	2598466	5603.3577	1.456013e+10
## 1618	Americas	1967	68.46800	2748579	5444.6196	1.496497e+10
## 1619	Americas	1972	68.67300	2829526	5703.4089	1.613794e+10
## 1620	Americas	1977	69.48100	2873520	6504.3397	1.869035e+10
## 1621	Americas	1982	70.80500	2953997	6920.2231	2.044232e+10
## 1622	Americas	1987	71.91800	3045153	7452.3990	2.269370e+10
## 1623	Americas	1992	72.75200	3149262	8137.0048	2.562556e+10
## 1624	Americas	1997	74.22300	3262838	9230.2407	3.011678e+10
## 1625	Americas	2002	75.30700	3363085	7727.0020	2.598656e+10
## 1626	Americas	2007	76.38400	3447496	10611.4630	3.658298e+10
## 1627	Americas	1952	55.08800	5439568	7689.7998	4.182919e+10
## 1628	Americas	1957	57.90700	6702668	9802.4665	6.570268e+10
## 1629	Americas	1962	60.77000	8143375	8422.9742	6.859144e+10
## 1630	Americas	1967	63.47900	9709552	9541.4742	9.264344e+10
## 1631	Americas	1972	65.71200	11515649	10505.2597	1.209749e+11
## 1632	Americas	1977	67.45600	13503563	13143.9510	1.774902e+11
## 1633	Americas	1982	68.55700	15620766	11152.4101	1.742092e+11
## 1634	Americas	1987	70.19000	17910182	9883.5846	1.770168e+11
## 1635	Americas	1992	71.15000	20265563	10733.9263	2.175291e+11
## 1636	Americas	1997	72.14600	22374398	10165.4952	2.274468e+11
## 1637	Americas	2002	72.76600	24287670	8605.0478	2.089966e+11

## 1638	Americas	2007	73.74700	26084662	11415.8057	2.977774e+11
## 1639	Asia	1952	40.41200	26246839	605.0665	1.588108e+10
## 1640	Asia	1957	42.88700	28998543	676.2854	1.961129e+10
## 1641	Asia	1962	45.36300	33796140	772.0492	2.609228e+10
## 1642	Asia	1967	47.83800	39463910	637.1233	2.514338e+10
## 1643	Asia	1972	50.25400	44655014	699.5016	3.123626e+10
## 1644	Asia	1977	55.76400	50533506	713.5371	3.605753e+10
## 1645	Asia	1982	58.81600	56142181	707.2358	3.970576e+10
## 1646	Asia	1987	62.82000	62826491	820.7994	5.156795e+10
## 1647	Asia	1992	67.66200	69940728	989.0231	6.917300e+10
## 1648	Asia	1997	70.67200	76048996	1385.8968	1.053961e+11
## 1649	Asia	2002	73.01700	80908147	1764.4567	1.427589e+11
## 1650	Asia	2007	74.24900	85262356	2441.5764	2.081746e+11
## 1651	Asia	1952	43.16000	1030585	1515.5923	1.561947e+09
## 1652	Asia	1957	45.67100	1070439	1827.0677	1.955765e+09
## 1653	Asia	1962	48.12700	1133134	2198.9563	2.491712e+09
## 1654	Asia	1967	51.63100	1142636	2649.7150	3.027660e+09
## 1655	Asia	1972	56.53200	1089572	3133.4093	3.414075e+09
## 1656	Asia	1977	60.76500	1261091	3682.8315	4.644386e+09
## 1657	Asia	1982	64.40600	1425876	4336.0321	6.182644e+09
## 1658	Asia	1987	67.04600	1691210	5107.1974	8.637343e+09
## 1659	Asia	1992	69.71800	2104779	6017.6548	1.266583e+10
## 1660	Asia	1997	71.09600	2826046	7110.6676	2.009507e+10
## 1661	Asia	2002	72.37000	3389578	4515.4876	1.530560e+10
## 1662	Asia	2007	73.42200	4018332	3025.3498	1.215686e+10
## 1663	Asia	1952	32.54800	4963829	781.7176	3.880312e+09
## 1664	Asia	1957	33.97000	5498090	804.8305	4.425030e+09
## 1665	Asia	1962	35.18000	6120081	825.6232	5.052881e+09
## 1666	Asia	1967	36.98400	6740785	862.4421	5.813537e+09
## 1667	Asia	1972	39.84800	7407075	1265.0470	9.370298e+09
## 1668	Asia	1977	44.17500	8403990	1829.7652	1.537733e+10
## 1669	Asia	1982	49.11300	9657618	1977.5570	1.909849e+10
## 1670	Asia	1987	52.92200	11219340	1971.7415	2.212164e+10
## 1671	Asia	1992	55.59900	13367997	1879.4967	2.512511e+10
## 1672	Asia	1997	58.02000	15826497	2117.4845	3.351236e+10
## 1673	Asia	2002	60.30800	18701257	2234.8208	4.179396e+10
## 1674	Asia	2007	62.69800	22211743	2280.7699	5.065987e+10
## 1675	Africa	1952	42.03800	2672000	1147.3888	3.065823e+09
## 1676	Africa	1957	44.07700	3016000	1311.9568	3.956862e+09
## 1677	Africa	1962	46.02300	3421000	1452.7258	4.969775e+09
## 1678	Africa	1967	47.76800	3900000	1777.0773	6.930602e+09
## 1679	Africa	1972	50.10700	4506497	1773.4983	7.992265e+09
## 1680	Africa	1977	51.38600	5216550	1588.6883	8.287472e+09
## 1681	Africa	1982	51.82100	6100407	1408.6786	8.593513e+09
## 1682	Africa	1987	50.82100	7272406	1213.3151	8.823720e+09
## 1683	Africa	1992	46.10000	8381163	1210.8846	1.014862e+10
## 1684	Africa	1997	40.23800	9417789	1071.3538	1.008978e+10
## 1685	Africa	2002	39.19300	10595811	1071.6139	1.135462e+10
## 1686	Africa	2007	42.38400	11746035	1271.2116	1.493170e+10
## 1687	Africa	1952	48.45100	3080907	406.8841	1.253572e+09
## 1688	Africa	1957	50.46900	3646340	518.7643	1.891591e+09
## 1689	Africa	1962	52.35800	4277736	527.2722	2.255531e+09
## 1690	Africa	1967	53.99500	4995432	569.7951	2.846373e+09
## 1691	Africa	1972	55.63500	5861135	799.3622	4.685170e+09

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## 1692 Africa 1977 57.67400 6642107 685.5877 4.553747e+09
## 1693 Africa 1982 60.36300 7636524 788.8550 6.024110e+09
## 1694 Africa 1987 62.35100 9216418 706.1573 6.508241e+09
## 1695 Africa 1992 60.37700 10704340 693.4208 7.422612e+09
## 1696 Africa 1997 46.80900 11404948 792.4500 9.037851e+09
## 1697 Africa 2002 39.98900 11926563 672.0386 8.015111e+09
## 1698 Africa 2007 43.48700 12311143 469.7093 5.782658e+09
```

Combining verbs

```
gapminder %>%
  mutate(gdp = gdpPerCap * pop) %>%
  filter(year == 2007) %>%
  arrange(desc(gdp))
```

```
##
## 1 United States
## 2 China
## 3 Japan
## 4 India
## 5 Germany
## 6 United Kingdom
## 7 France
## 8 Brazil
## 9 Italy
## 10 Mexico
## 11 Canada
## 12 Spain
## 13 Korea, Rep.
## 14 Iran
## 15 Indonesia
## 16 Australia
## 17 Taiwan
## 18 Netherlands
## 19 Turkey
## 20 Saudi Arabia
## 21 Poland
## 22 Argentina
## 23 Thailand
## 24 Egypt
## 25 Pakistan
## 26 South Africa
## 27 Belgium
## 28 Colombia
## 29 Malaysia
## 30 Sweden
## 31 Venezuela
## 32 Austria
## 33 Greece
## 34 Philippines
## 35 Switzerland
## 36 Hong Kong, China
## 37 Nigeria
## 38 Romania
## 39 Czech Republic
```

## 40	Norway
## 41	Portugal
## 42	Singapore
## 43	Chile
## 44	Peru
## 45	Bangladesh
## 46	Vietnam
## 47	Algeria
## 48	Denmark
## 49	Hungary
## 50	Finland
## 51	Ireland
## 52	Israel
## 53	Morocco
## 54	Iraq
## 55	Kuwait
## 56	Sudan
## 57	New Zealand
## 58	Cuba
## 59	Slovak Republic
## 60	Serbia
## 61	Ecuador
## 62	Sri Lanka
## 63	Syria
## 64	Bulgaria
## 65	Puerto Rico
## 66	Tunisia
## 67	Libya
## 68	Oman
## 69	Croatia
## 70	Guatemala
## 71	Angola
## 72	Dominican Republic
## 73	Ethiopia
## 74	Kenya
## 75	Slovenia
## 76	Yemen, Rep.
## 77	Myanmar
## 78	Tanzania
## 79	Lebanon
## 80	Costa Rica
## 81	El Salvador
## 82	Korea, Dem. Rep.
## 83	Uruguay
## 84	Cameroon
## 85	Bolivia
## 86	Bosnia and Herzegovina
## 87	Panama
## 88	Nepal
## 89	Afghanistan
## 90	Uganda
## 91	Ghana
## 92	Cote d'Ivoire\Africa\2002\46.832\16252726\1648.800823\nCote d'Ivoire
## 93	Paraguay

## 94	Jordan
## 95	Honduras
## 96	Cambodia
## 97	Albania
## 98	Bahrain
## 99	Senegal
## 100	Botswana
## 101	Jamaica
## 102	Madagascar
## 103	Gabon
## 104	Trinidad and Tobago
## 105	Congo, Dem. Rep.
## 106	Chad
## 107	Burkina Faso
## 108	Mozambique
## 109	Nicaragua
## 110	Zambia
## 111	Congo, Rep.
## 112	Mauritius
## 113	Mali
## 114	West Bank and Gaza
## 115	Benin
## 116	Iceland
## 117	Haiti
## 118	Malawi
## 119	Namibia
## 120	Guinea
## 121	Mongolia
## 122	Somalia
## 123	Niger
## 124	Rwanda
## 125	Equatorial Guinea
## 126	Montenegro
## 127	Reunion
## 128	Mauritania
## 129	Zimbabwe
## 130	Sierra Leone
## 131	Swaziland
## 132	Togo
## 133	Burundi
## 134	Lesotho
## 135	Eritrea
## 136	Central African Republic
## 137	Liberia
## 138	Gambia
## 139	Djibouti
## 140	Guinea-Bissau
## 141	Comoros
## 142	Sao Tome and Principe
##	continent year lifeExp pop gdpPercap gdp
## 1	Americas 2007 78.242 301139947 42951.6531 1.293446e+13
## 2	Asia 2007 72.961 1318683096 4959.1149 6.539501e+12
## 3	Asia 2007 82.603 127467972 31656.0681 4.035135e+12
## 4	Asia 2007 64.698 1110396331 2452.2104 2.722925e+12

## 5	Europe	2007	79.406	82400996	32170.3744	2.650871e+12
## 6	Europe	2007	79.425	60776238	33203.2613	2.017969e+12
## 7	Europe	2007	80.657	61083916	30470.0167	1.861228e+12
## 8	Americas	2007	72.390	190010647	9065.8008	1.722599e+12
## 9	Europe	2007	80.546	58147733	28569.7197	1.661264e+12
## 10	Americas	2007	76.195	108700891	11977.5750	1.301973e+12
## 11	Americas	2007	80.653	33390141	36319.2350	1.212704e+12
## 12	Europe	2007	80.941	40448191	28821.0637	1.165760e+12
## 13	Asia	2007	78.623	49044790	23348.1397	1.145105e+12
## 14	Asia	2007	70.964	69453570	11605.7145	8.060583e+11
## 15	Asia	2007	70.650	223547000	3540.6516	7.915020e+11
## 16	Oceania	2007	81.235	20434176	34435.3674	7.036584e+11
## 17	Asia	2007	78.400	23174294	28718.2768	6.655258e+11
## 18	Europe	2007	79.762	16570613	36797.9333	6.097643e+11
## 19	Europe	2007	71.777	71158647	8458.2764	6.018795e+11
## 20	Asia	2007	72.777	27601038	21654.8319	5.976958e+11
## 21	Europe	2007	75.563	38518241	15389.9247	5.927928e+11
## 22	Americas	2007	75.320	40301927	12779.3796	5.150336e+11
## 23	Asia	2007	70.616	65068149	7458.3963	4.853040e+11
## 24	Africa	2007	71.338	80264543	5581.1810	4.479709e+11
## 25	Asia	2007	65.483	169270617	2605.9476	4.411104e+11
## 26	Africa	2007	49.339	43997828	9269.6578	4.078448e+11
## 27	Europe	2007	79.441	10392226	33692.6051	3.501412e+11
## 28	Americas	2007	72.889	44227550	7006.5804	3.098839e+11
## 29	Asia	2007	74.241	24821286	12451.6558	3.090661e+11
## 30	Europe	2007	80.884	9031088	33859.7484	3.057904e+11
## 31	Americas	2007	73.747	26084662	11415.8057	2.977774e+11
## 32	Europe	2007	79.829	8199783	36126.4927	2.962294e+11
## 33	Europe	2007	79.483	10706290	27538.4119	2.948342e+11
## 34	Asia	2007	71.688	91077287	3190.4810	2.905804e+11
## 35	Europe	2007	81.701	7554661	37506.4191	2.833483e+11
## 36	Asia	2007	82.208	6980412	39724.9787	2.772967e+11
## 37	Africa	2007	46.859	135031164	2013.9773	2.719497e+11
## 38	Europe	2007	72.476	22276056	10808.4756	2.407702e+11
## 39	Europe	2007	76.486	10228744	22833.3085	2.335561e+11
## 40	Europe	2007	80.196	4627926	49357.1902	2.284214e+11
## 41	Europe	2007	78.098	10642836	20509.6478	2.182808e+11
## 42	Asia	2007	79.972	4553009	47143.1796	2.146433e+11
## 43	Americas	2007	78.553	16284741	13171.6388	2.144967e+11
## 44	Americas	2007	71.421	28674757	7408.9056	2.124486e+11
## 45	Asia	2007	64.062	150448339	1391.2538	2.093118e+11
## 46	Asia	2007	74.249	85262356	2441.5764	2.081746e+11
## 47	Africa	2007	72.301	33333216	6223.3675	2.074449e+11
## 48	Europe	2007	78.332	5468120	35278.4187	1.929066e+11
## 49	Europe	2007	73.338	9956108	18008.9444	1.792990e+11
## 50	Europe	2007	79.313	5238460	33207.0844	1.739540e+11
## 51	Europe	2007	78.885	4109086	40675.9964	1.671412e+11
## 52	Asia	2007	80.745	6426679	25523.2771	1.640299e+11
## 53	Africa	2007	71.164	33757175	3820.1752	1.289583e+11
## 54	Asia	2007	59.545	27499638	4471.0619	1.229526e+11
## 55	Asia	2007	77.588	2505559	47306.9898	1.185305e+11
## 56	Africa	2007	58.556	42292929	2602.3950	1.100629e+11
## 57	Oceania	2007	80.204	4115771	25185.0091	1.036557e+11
## 58	Americas	2007	78.273	11416987	8948.1029	1.021604e+11

## 59	Europe	2007	74.663	5447502	18678.3144	1.017502e+11
## 60	Europe	2007	74.002	10150265	9786.5347	9.933592e+10
## 61	Americas	2007	74.994	13755680	6873.2623	9.454640e+10
## 62	Asia	2007	72.396	20378239	3970.0954	8.090355e+10
## 63	Asia	2007	74.143	19314747	4184.5481	8.082349e+10
## 64	Europe	2007	73.005	7322858	10680.7928	7.821393e+10
## 65	Americas	2007	78.746	3942491	19328.7090	7.620326e+10
## 66	Africa	2007	73.923	10276158	7092.9230	7.288800e+10
## 67	Africa	2007	73.952	6036914	12057.4993	7.279009e+10
## 68	Asia	2007	75.640	3204897	22316.1929	7.152110e+10
## 69	Europe	2007	75.748	4493312	14619.2227	6.568873e+10
## 70	Americas	2007	70.259	12572928	5186.0500	6.520383e+10
## 71	Africa	2007	42.731	12420476	4797.2313	5.958390e+10
## 72	Americas	2007	72.235	9319622	6025.3748	5.615422e+10
## 73	Africa	2007	52.947	76511887	690.8056	5.285484e+10
## 74	Africa	2007	54.110	35610177	1463.2493	5.210657e+10
## 75	Europe	2007	77.926	2009245	25768.2576	5.177474e+10
## 76	Asia	2007	62.698	22211743	2280.7699	5.065987e+10
## 77	Asia	2007	62.069	47761980	944.0000	4.508731e+10
## 78	Africa	2007	52.517	38139640	1107.4822	4.223897e+10
## 79	Asia	2007	71.993	3921278	10461.0587	4.102072e+10
## 80	Americas	2007	78.782	4133884	9645.0614	3.987157e+10
## 81	Americas	2007	71.878	6939688	5728.3535	3.975299e+10
## 82	Asia	2007	67.297	23301725	1593.0655	3.712117e+10
## 83	Americas	2007	76.384	3447496	10611.4630	3.658298e+10
## 84	Africa	2007	50.430	17696293	2042.0952	3.613752e+10
## 85	Americas	2007	65.554	9119152	3822.1371	3.485465e+10
## 86	Europe	2007	74.852	4552198	7446.2988	3.389703e+10
## 87	Americas	2007	75.537	3242173	9809.1856	3.180308e+10
## 88	Asia	2007	63.785	28901790	1091.3598	3.154225e+10
## 89	Asia	2007	43.828	31889923	974.5803	3.107929e+10
## 90	Africa	2007	51.542	29170398	1056.3801	3.081503e+10
## 91	Africa	2007	60.022	22873338	1327.6089	3.036685e+10
## 92	Africa	2007	48.328	18013409	1544.7501	2.782622e+10
## 93	Americas	2007	71.752	6667147	4172.8385	2.782093e+10
## 94	Asia	2007	72.535	6053193	4519.4612	2.735717e+10
## 95	Americas	2007	70.198	7483763	3548.3308	2.655487e+10
## 96	Asia	2007	59.723	14131858	1713.7787	2.421888e+10
## 97	Europe	2007	76.423	3600523	5937.0295	2.137641e+10
## 98	Asia	2007	75.635	708573	29796.0483	2.111268e+10
## 99	Africa	2007	63.062	12267493	1712.4721	2.100774e+10
## 100	Africa	2007	50.728	1639131	12569.8518	2.060363e+10
## 101	Americas	2007	72.567	2780132	7320.8803	2.035301e+10
## 102	Africa	2007	59.443	19167654	1044.7701	2.002579e+10
## 103	Africa	2007	56.735	1454867	13206.4845	1.921368e+10
## 104	Americas	2007	69.819	1056608	18008.5092	1.902793e+10
## 105	Africa	2007	46.462	64606759	277.5519	1.793173e+10
## 106	Africa	2007	50.651	10238807	1704.0637	1.744758e+10
## 107	Africa	2007	52.295	14326203	1217.0330	1.743546e+10
## 108	Africa	2007	42.082	19951656	823.6856	1.643389e+10
## 109	Americas	2007	72.899	5675356	2749.3210	1.560338e+10
## 110	Africa	2007	42.384	11746035	1271.2116	1.493170e+10
## 111	Africa	2007	55.322	3800610	3632.5578	1.380594e+10
## 112	Africa	2007	72.801	1250882	10956.9911	1.370590e+10


```
## 113 Africa 2007 54.467 12031795 1042.5816 1.254413e+10
## 114 Asia 2007 73.422 4018332 3025.3498 1.215686e+10
## 115 Africa 2007 56.728 8078314 1441.2849 1.164315e+10
## 116 Europe 2007 81.757 301931 36180.7892 1.092410e+10
## 117 Americas 2007 60.916 8502814 1201.6372 1.021730e+10
## 118 Africa 2007 48.303 13327079 759.3499 1.011992e+10
## 119 Africa 2007 52.906 2055080 4811.0604 9.887114e+09
## 120 Africa 2007 56.007 9947814 942.6542 9.377349e+09
## 121 Asia 2007 66.803 2874127 3095.7723 8.897643e+09
## 122 Africa 2007 48.159 9118773 926.1411 8.445270e+09
## 123 Africa 2007 56.867 12894865 619.6769 7.990650e+09
## 124 Africa 2007 46.242 8860588 863.0885 7.647471e+09
## 125 Africa 2007 51.579 551201 12154.0897 6.699346e+09
## 126 Europe 2007 74.543 684736 9253.8961 6.336476e+09
## 127 Africa 2007 76.442 798094 7670.1226 6.121479e+09
## 128 Africa 2007 64.164 3270065 1803.1515 5.896423e+09
## 129 Africa 2007 43.487 12311143 469.7093 5.782658e+09
## 130 Africa 2007 42.568 6144562 862.5408 5.299935e+09
## 131 Africa 2007 39.613 1133066 4513.4806 5.114071e+09
## 132 Africa 2007 58.420 5701579 882.9699 5.034323e+09
## 133 Africa 2007 49.580 8390505 430.0707 3.608510e+09
## 134 Africa 2007 42.592 2012649 1569.3314 3.158513e+09
## 135 Africa 2007 58.040 4906585 641.3695 3.146934e+09
## 136 Africa 2007 44.741 4369038 706.0165 3.084613e+09
## 137 Africa 2007 45.678 3193942 414.5073 1.323912e+09
## 138 Africa 2007 59.448 1688359 752.7497 1.270912e+09
## 139 Africa 2007 54.791 496374 2082.4816 1.033690e+09
## 140 Africa 2007 46.388 1472041 579.2317 8.526529e+08
## 141 Africa 2007 65.152 710960 986.1479 7.011117e+08
## 142 Africa 2007 65.528 199579 1598.4351 3.190141e+08
```

Practice

```
# Use mutate to change lifeExp to be in months
gapminder %>% mutate(lifeExp = lifeExp * 12) %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap
## 1 Afghanistan      Asia 1952 345.612 8425333 779.4453
## 2 Afghanistan      Asia 1957 363.984 9240934 820.8530
## 3 Afghanistan      Asia 1962 383.964 10267083 853.1007
## 4 Afghanistan      Asia 1967 408.240 11537966 836.1971
## 5 Afghanistan      Asia 1972 433.056 13079460 739.9811
## 6 Afghanistan      Asia 1977 461.256 14880372 786.1134
```

```
# Use mutate to create a new column called lifeExpMonths
gapminder %>% mutate(lifeExpMonths = lifeExp * 12) %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap lifeExpMonths
## 1 Afghanistan      Asia 1952 28.801 8425333 779.4453      345.612
## 2 Afghanistan      Asia 1957 30.332 9240934 820.8530      363.984
## 3 Afghanistan      Asia 1962 31.997 10267083 853.1007      383.964
```

```
## 4 Afghanistan      Asia 1967  34.020 11537966  836.1971    408.240
## 5 Afghanistan      Asia 1972  36.088 13079460  739.9811    433.056
## 6 Afghanistan      Asia 1977  38.438 14880372  786.1134    461.256
```

Filter, mutate, and arrange the gapminder dataset

```
gapminder %>%
  filter(year == 2007) %>%
  mutate(lifeExpMonths = 12 * lifeExp) %>%
  arrange(desc(lifeExpMonths)) %>% head()
```

```
##      country continent year lifeExp      pop gdpPercap
## 1      Japan      Asia 2007  82.603 127467972  31656.07
## 2 Hong Kong, China      Asia 2007  82.208   6980412  39724.98
## 3      Iceland     Europe 2007  81.757    301931  36180.79
## 4  Switzerland     Europe 2007  81.701   7554661  37506.42
## 5    Australia Oceania 2007  81.235  20434176  34435.37
## 6      Spain      Europe 2007  80.941  40448191  28821.06
##   lifeExpMonths
## 1      991.236
## 2      986.496
## 3      981.084
## 4      980.412
## 5      974.820
## 6      971.292
```