

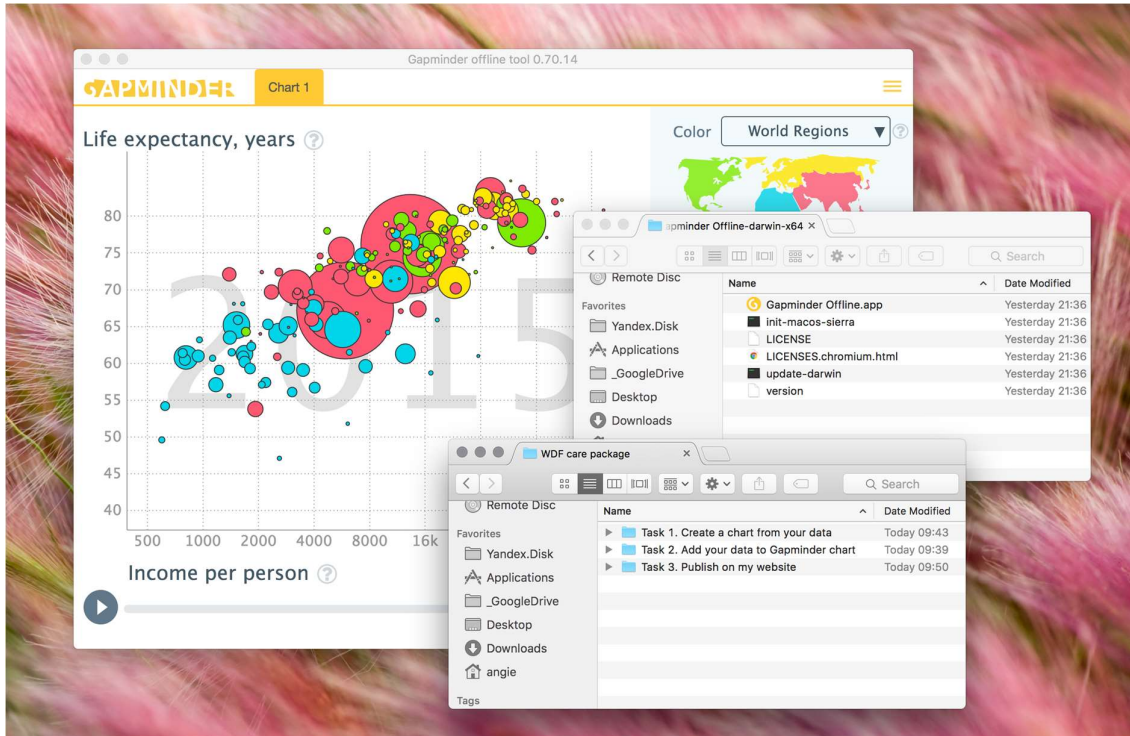
# WDF workshop instructions

Go to [gapminder.org/tools-offline](https://gapminder.org/tools-offline)

Download the app for your computer. Unpack it and start (more instructions on the download page)

Download the UN WDF workshop care package. Unpack it.

This what you should have to move on:



## Task 1. Make a chart with your own data

### Too Long-Didn't Read (TLDR) version

1. Prepare and clean your data table in Excel, so that it looks like one of the examples, provided in Gapminder offline
2. Save As... —> choose CSV format
3. Open the file in Gapminder offline

### Longer version

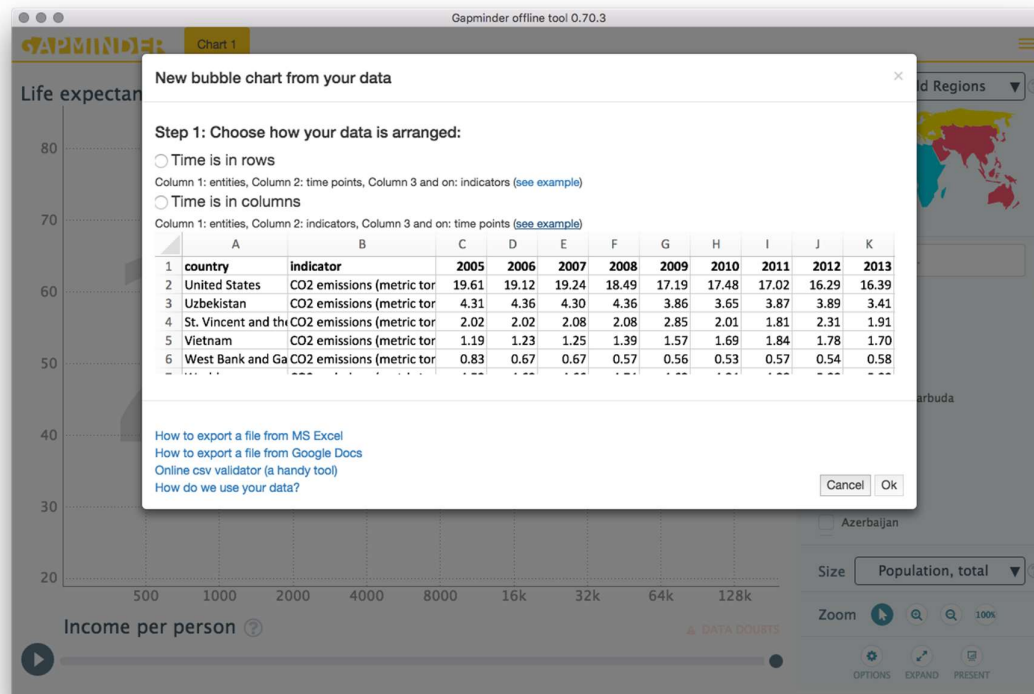
In gapminder offline, go to the menu in top right corner.

Choose “New chart —> From your data —> CSV file”

A dialog will show up with two options: Time in rows and Time in columns.

Click “see example” and look at the provided tables.

You should adjust your data to look like either one of the examples. No extra stuff!



Open the example file in Excel: migrant stock data from the UN population division.

Choose the tab with the data you are interested in.

UN\_MigrantStockTotal-1

Home Insert Page Layout Formulas Data Review View

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Home

Font: Arial, Size: 9, Bold, Italic, Underline, Text Color, Background Color, Borders, Conditional Formatting, Format as Table, Cell Styles, Insert, Delete, Format, Sort & Filter

Wrap Text, Merge & Center, %

UN\_MigrantStockTotal-1

United Nations  
Population Division  
Department of Economic and Social Affairs

Trends in International Migrant Stock: The 2008 Revision  
c - International migrant stock as a percentage of the total population by sex and by major area, region, country or area, 1960-2010  
POPDB/MIGStock/Rev 2008  
May 2009 - Copyright © 2009 by United Nations. All rights reserved.  
Suggested citation: United Nations, Department of Economic and Social Affairs, Population Division (2009). Trends in International Migrant Stock: The 2008 Revision (United Nations database, POPDB/MIGStock/Rev 2008).

Serial order	Major area, region, country or area	Country Type of code	International migrant stock as a percentage of the total population (male)										International migrant stock as a percentage of the total population (female)										
			1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005
1	WORLD	900	2.6	3.1	3.7	4.3	5.0	5.7	6.4	7.1	7.8	8.5	9.2	9.9	10.6	11.3	12.0	12.7	13.4	14.1	14.8	15.5	16.2
2	More developed regions	(R) 901	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
3	More developed regions without the former USSR	(R) 902	4.2	4.8	5.4	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2	17.9
4	Less developed regions	(L) 903	2.1	1.4	2.2	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.1	10.0	10.9	11.8	12.7	13.6	14.5	15.4	16.3	17.2	18.1
5	Less developed regions without the former USSR	(L) 904	2.1	1.4	2.2	2.8	3.7	4.6	5.5	6.4	7.3	8.2	9.1	10.0	10.9	11.8	12.7	13.6	14.5	15.4	16.3	17.2	18.1
6	Sub-Saharan Africa	(R) 905	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
7	AFRICA	906	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
8	Eastern Africa	(R) 907	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
9	Eastern Africa	(R) 908	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
10	Western Africa	(R) 909	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
11	North Africa	(R) 910	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
12	Algeria	(R) 911	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
13	Libya	(R) 912	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
14	Egypt	(R) 913	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
15	Sudan	(R) 914	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
16	Chad	(R) 915	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
17	Niger	(R) 916	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
18	Mali	(R) 917	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
19	Senegal	(R) 918	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
20	Gambia	(R) 919	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
21	Sierra Leone	(R) 920	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
22	Liberia	(R) 921	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
23	Ivory Coast	(R) 922	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
24	Ghana	(R) 923	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
25	Upper Volta	(R) 924	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
26	Benin	(R) 925	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
27	Nigeria	(R) 926	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
28	Cameroon	(R) 927	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
29	Cote d'Ivoire	(R) 928	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
30	Guinea	(R) 929	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
31	Sierra Leone	(R) 930	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
32	Liberia	(R) 931	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
33	Ivory Coast	(R) 932	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
34	Ghana	(R) 933	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
35	Upper Volta	(R) 934	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
36	Benin	(R) 935	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
37	Nigeria	(R) 936	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
38	Cameroon	(R) 937	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
39	Cote d'Ivoire	(R) 938	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
40	Guinea	(R) 939	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
41	Sierra Leone	(R) 940	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
42	Liberia	(R) 941	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
43	Ivory Coast	(R) 942	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
44	Ghana	(R) 943	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
45	Upper Volta	(R) 944	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
46	Benin	(R) 945	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
47	Nigeria	(R) 946	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
48	Cameroon	(R) 947	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
49	Cote d'Ivoire	(R) 948	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
50	Guinea	(R) 949	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
51	Sierra Leone	(R) 950	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
52	Liberia	(R) 951	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
53	Ivory Coast	(R) 952	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
54	Ghana	(R) 953	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
55	Upper Volta	(R) 954	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.2
56	Benin	(R) 955	3.6	4.1	4.7	5.3	6.0	6.7	7.4	8.1	8.8	9.5	10.2	10.9	11.6	12.3	13.0	13.7	14.4	15.1	15.8	16.5	17.





UN\_MigrantStockTotal-1

Home Insert Page Layout Formulas Data Review View

Search Sheet

Wrap Text

General

Conditional Formatting

Format as Table

Cell Styles

Insert

Delete

Format

Sort & Filter

Ready

1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
2	Major area, region, country or area	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010		
3	Zambia	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
4	Socialist Federal Republic of Yugoslavia (former)	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
5	Yemen	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
6	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
7	Wallis and Futuna Islands	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
8	Venezuela (Bolivarian Republic of)	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
9	Uruguay	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
10	Burkina Faso	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
11	United States Virgin Islands	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
12	United States of America	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
13	United Republic of Tanzania	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
14	Isle of Man	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
15	Channel Islands	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
16	United Kingdom of Great Britain and Northern Ireland	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
17	Egypt	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
18	Uganda	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
19	Turkey	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
20	Turks and Caicos Islands	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
21	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
22	Turkey	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
23	United Arab Emirates	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
24	Trinidad and Tobago	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
25	Togo	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
26	Taiwan	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
27	Taiwan	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
28	Syrian Arab Republic	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
29	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
30	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
31	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
32	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
33	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
34	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
35	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
36	Sweden	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
37	Zimbabwe	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
38	South Africa	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
39	Somalia	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
40	Viet Nam	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
41	Singapore	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
42	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
43	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
44	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
45	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
46	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
47	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
48	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
49	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
50	Sierra Leone	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48
51	Anguilla	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.50	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48	0.48

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1	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R
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	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
1	International migrant stock as a percentage of the total population (male)												International migrant stock as a percentage of the total population (female)											
2	Major area, region, country or area	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010												
3	Bahrain	23.0	28.1	28.6	29.2	28.5	41.6	43.3	42.9	44.3	45.3	46.7												
4	Bahamas	12.2	15.2	20.0	15.6	11.9	11.3	10.9	10.5	10.3	10.2	10.2												
5	Bahrain	10.7	9.0	8.9	8.9	8.0	8.3	10.0	12.2	12.8	16.1	18.6												
6	Austria	18.2	19.2	20.5	20.4	20.5	21.3	21.4	21.0	21.0	21.0	21.4												
7	Argentina	13.6	11.5	9.7	8.2	6.9	5.6	4.9	4.4	4.0	3.7	3.4												
8	Armenia	8.4	10.1	10.7	10.9	13.0	15.7	18.4	19.8	20.2	20.8	21.9												
9	Angola	2.9	1.7	0.9	0.5	1.3	1.3	0.3	0.3	0.3	0.3	0.3												
10	Andorra	19.9	39.2	86.6	81.1	89.6	89.3	75.3	88.6	83.9	85.5	84.9												
11	Anguilla	12.6	18.6	27.6	36.9	42.6	44.2	46.2	44.6	43.8	42.7	41.6												
12	Algeria	3.9	1.6	1.3	1.1	1.1	1.4	1.2	1.1	0.9	0.8	0.7												
13	Albania	2.8	2.5	2.3	2.2	2.0	1.9	1.8	2.1	2.4	2.5	2.7												
14	Algeria	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3												
15																								
16																								
17																								
18																								
19	Zambia	11.1	8.6	6.9	5.7	4.6	4.0	3.4	2.9	3.3	2.4	1.7												
20	Socialist Federal Republic of Yugoslavia (former)	5.8	5.9	5.9	1.2	1.5	2.1	4.1	8.2	8.8	8.0	7.4												
21	Yemen	2.4	2.4	2.4	2.3	2.4	2.1	2.2	1.9	1.8	1.7	1.7												
22	Yemen	2.9	2.6	2.2	2.3	2.7	1.6	1.9	2.6	3.0	3.7	4.7												
23	Wallis and Futuna Islands	0.4	0.6	1.2	2.2	3.4	5.1	9.2	11.5	13.5	15.8	17.9												
24	Venezuela (Bolivarian Republic of)	5.2	5.2	5.1	5.0	6.2	5.6	5.2	4.6	4.2	3.6	3.5												
25	Uruguay	7.2	7.1	5.7	4.7	4.1	3.6	3.3	3.0	2.8	2.6	2.5												
26	Burkina Faso	1.6	1.8	1.7	1.6	2.8	3.6	4.8	4.7	5.0	5.7	6.5												
27	United States Virgin Islands	36.8	41.6	54.1	48.2	60.0	48.8	51.1	51.2	52.8	54.5	57.2												
28	United States of America	5.9	5.8	5.8	6.6	7.4	8.3	9.1	10.5	12.0	12.8	13.2												
29	United Republic of Tanzania	4.2	3.7	3.4	3.5	2.6	2.4	2.2	3.7	2.6	2.0	1.5												
30	Isle of Man	45.8	47.2	48.4	47.0	47.7	51.4	50.7	50.7	51.8	52.5	54.8												
31	Channel Islands	30.8	34.6	38.9	40.0	41.4	39.8	39.1	40.8	44.2	47.8	51.6												
32	United Kingdom of Great Britain and Northern Ireland	3.0	4.5	5.1	5.4	5.8	6.2	6.6	7.4	8.4	10.1	11.0												
33	Spain	6.7	6.6	6.5	6.4	6.4	6.3	6.3	6.3	6.3	6.3	6.3												
34	Uganda	9.3	9.0	7.8	6.8	4.6	3.8	2.9	2.5	2.3	2.3	1.9												
35	Turkey	2.9	4.0	4.0	3.9	3.5	3.2	3.1	2.4	2.2	1.9	1.6												
36	Turks and Caicos Islands	2.8	4.8	7.6	10.7	15.3	25.5	43.8	34.6	29.9	19.1	18.5												
37	Turkey	3.3	1.9	1.3	1.7	1.6	1.1	1.0	1.0	0.9	0.8	0.7												
38	Turkey	4.1	1.8	1.0	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3												
39	United Arab Emirates	5.7	6.4	15.8	39.7	55.7	58.3	68.1	61.5	60.6	60.7	68.3												
40	Tanzania and Togo	9.5	7.9	6.3	6.2	5.6	4.9	4.4	3.8	3.4	3.0	2.7												
41	Togo	2.2	0.3	0.4	0.9	1.7	3.6	3.1	2.2	1.6	1.1	0.8												
42	Togo	5.8	6.2	7.6	8.6	10.8	15.3	16.5	16.5	16.5	21.8	22.7												
43	Togo	6.6	7.2	6.9	6.2	5.5	4.7	4.2	3.8	3.4	3.0	2.7												
44	Togo	1.3	1.0	0.7	0.7	0.6	0.7	0.6	0.8	1.2	1.4	1.6												
45	Syrian Arab Republic	5.9	5.8	5.7	5.6	5.4	5.7	5.3	5.5	5.5	5.8	5.7												
46	Switzerland	12.9	15.5	17.1	17.5	18.4	19.9	20.3	21.1	21.7	22.6	23.6												
47	Sweden	4.3	5.4	6.6	7.2	7.7	8.1	9.2	10.5	11.9	12.7	14.6												
48	Spain	4.8	8.3	7.2	6.9	5.3	3.9	3.3	3.3	3.3	3.3	3.3												
49	Suriname	7.3	5.4	4.1	3.6	3.0	3.7	4.2	4.8	5.5	6.2	6.8												
50	Sudan	2.0	1.7	1.6	1.8	3.5	6.7	4.6	3.5	2.4	1.6	1.7												

Add an extra column after country names and before the time columns (it should be column 2).  
Write “indicator” on top

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General

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B3 fx Migrants (male), % of population

		C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
		International migrant stock as a percentage of the total population (male)										International migrant stock as a percentage of the total population (female)									
1			1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010								
2	Major area, region, country or area	indicator																			
193	British Virgin Islands	Migrants (male), % of population	8.2	17.8	26.1	38.7	35.8	47.5	46.1	43.3	40.8	38.6	37.2								
192	Salomon Islands	Migrants (male), % of population	3.2	2.9	2.6	2.3	2.0	1.7	1.6	1.6	1.6	1.5	1.4								
193	Belize	Migrants (male), % of population	8.0	8.1	9.1	9.0	10.6	16.8	17.1	16.2	14.7	14.1	14.2								
194	Brazil	Migrants (male), % of population	2.1	1.7	1.4	1.2	1.0	0.7	0.6	0.5	0.4	0.4	0.4								
195	Botswana	Migrants (male), % of population	1.6	1.7	1.6	1.8	1.8	2.1	2.5	3.0	3.6	4.9	6.2								
196	Bolivia	Migrants (male), % of population	1.5	1.4	1.4	1.3	1.2	1.0	0.9	1.0	1.1	1.3	1.5								
197	Bhutan	Migrants (male), % of population	6.9	7.0	7.0	6.7	6.6	6.7	6.9	6.7	6.2	6.9	6.6								
198	Bermuda	Migrants (male), % of population	19.3	20.0	26.6	29.7	24.9	25.5	26.1	27.0	26.0	29.1	36.5								
199	Belgium	Migrants (male), % of population	5.4	7.1	8.0	8.3	10.2	9.8	9.8	9.8	8.1	8.8	8.4								
200	Banladesh	Migrants (male), % of population	3.8	4.3	5.0	5.7	6.8	7.0	7.2	7.6	8.2	8.5	8.8								
201	Bangladesh	Migrants (male), % of population	1.2	1.1	1.1	1.0	1.2	1.3	1.3	1.3	1.2	1.1	1.1								
202	Bahrain	Migrants (male), % of population	20.0	28.1	22.6	29.3	38.9	41.5	43.3	43.9	44.3	45.3	46.7								
203	Bahamas	Migrants (male), % of population	12.2	15.2	20.0	18.6	11.8	11.3	10.9	10.5	10.3	10.2	10.2								
204	Burkina Faso	Migrants (male), % of population	16.7	8.8	8.3	8.8	8.0	8.3	10.0	12.2	12.4	14.1	16.8								
205	Australia	Migrants (male), % of population	16.2	19.2	20.5	20.4	20.5	20.6	21.3	21.4	21.0	21.0	21.4								
206	Argentina	Migrants (male), % of population	13.6	11.5	9.7	8.2	6.9	5.8	4.9	4.4	4.0	3.7	3.4								
207	Anguilla and Barbuda	Migrants (male), % of population	8.4	10.1	10.7	10.8	10.0	10.1	10.4	10.8	10.2	10.8	11.8								
208	Angola	Migrants (male), % of population	2.9	1.7	0.9	0.5	1.3	1.3	0.3	0.3	0.3	0.3	0.3								
209	Andorra	Migrants (male), % of population	19.9	39.2	56.6	61.1	88.8	69.3	68.6	63.8	63.8	63.8	64.0								
210	American Samoa	Migrants (male), % of population	12.6	18.6	27.6	36.9	42.6	44.2	46.2	44.6	43.5	42.7	41.6								
211	Algeria	Migrants (male), % of population	3.8	1.8	1.3	1.1	1.1	1.4	2.2	1.1	0.9	0.8	0.7								
212	Albania	Migrants (male), % of population	2.8	2.5	2.3	2.2	2.0	1.8	1.6	2.1	2.4	2.5	2.7								
213	Algeria	Migrants (male), % of population	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3								
214																					
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219	Zambia		11.1	8.6	6.9	5.7	4.6	4.0	3.4	2.9	3.3	2.4	1.7								
220	Southern Federal Republic of Yugoslavia (former)		0.8	0.8	0.9	1.2	1.6	2.1	4.1	8.2	8.6	8.6	1.4								
221	Yemen		2.4	2.4	2.4	2.3	2.4	2.1	2.2	1.8	1.6	1.7	1.7								
222	Ghana		2.8	2.6	2.2	1.3	2.7	1.8	1.6	2.0	3.0	3.7	5.8								
223	Wallis and Futuna Islands		0.4	0.6	1.2	2.2	3.4	5.1	9.2	11.5	13.5	15.8	17.9								
224	Venezuela (Bolivarian Republic of)		5.2	5.1	4.5	4.2	4.6	4.6	4.6	4.6	4.2	4.2	4.2								
225	Uruguay		7.2	7.1	5.7	4.7	4.1	3.6	3.3	3.0	2.8	2.6	2.5								
226	Burkina Faso		1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6								
227	United States Virgin Islands		36.6	41.6	54.1	48.2	50.5	48.8	51.1	51.2	52.8	54.5	57.2								
228	United States of America		5.9	5.8	5.8	6.6	7.4	8.3	9.1	10.5	12.0	12.8	13.2								
229	United Republic of Tanzania		4.2	3.7	3.4	3.5	2.8	2.4	2.2	2.7	2.6	2.6	2.5								
230	Isle of Man		46.6	47.2	46.4	47.0	47.7	51.4	50.7	50.7	51.8	52.5	54.8								
231	Channel Islands		30.8	34.6	38.9	40.1	41.4	29.1	29.1	40.8	44.2	47.8	51.8								
232	United Kingdom of Great Britain and Northern Ireland		3.0	4.5	5.1	5.4	5.8	6.2	6.6	7.4	8.4	10.1	11.0								
233	Egypt		0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.3	0.3	0.3	0.3								
234	Uganda		8.3	9.0	7.8	5.8	4.6	3.8	2.9	3.0	2.5	2.3	1.9								
235	Tunisia		5.0	4.4	4.0	3.8	3.5	3.2	3.1	2.8	2.6	2.4	2.3								
236	Turks and Caicos Islands		2.8	4.6	7.6	10.7	15.3	25.0	43.8	34.6	29.5	19.1	16.5								
237	Togo		3.5	2.8	1.7	1.8	1.7	1.8	1.7	1.8	2.0	2.2	2.4								
238	Turkey		4.1	1.8	1.0	0.7	0.6	0.5	0.5	0.4	0.4	0.4	0.3								
239	United Arab Emirates		0.7	6.4	13.8	39.7	55.7	59.3	68.1	61.5	60.8	60.7	58.3								

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And fill the name of the second indicator:

Migrants (female), % of the population

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		1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010
1	Major area, region, country or area											
2	indicator											
3	100 Solomon Islands	3.2	2.9	2.8	2.3	2.0	1.7	1.6	1.6	1.6	1.5	1.4
4	101 Bolivia	8.0	8.1	9.1	9.0	10.6	16.8	17.1	18.2	14.7	14.1	14.2
5	102 Brazil	2.1	1.7	1.4	1.2	1.0	0.7	0.6	0.6	0.4	0.4	0.4
6	103 Botswana	1.6	1.7	1.8	1.8	1.8	2.1	2.5	3.0	3.8	4.9	6.2
7	104 Bolivia	1.5	1.4	1.4	1.3	1.2	1.0	0.8	1.0	1.1	1.3	1.5
8	105 Bhutan	6.9	7.0	7.0	6.7	6.6	6.7	6.8	6.7	6.2	6.6	6.6
9	106 Bermuda	19.3	23.0	28.6	26.7	24.9	25.6	26.1	27.0	28.0	29.1	30.5
10	107 Belgium	5.4	7.1	8.0	8.3	10.2	8.6	9.9	9.9	9.1	8.8	8.4
11	108 Barbados	3.8	4.3	5.0	5.7	6.6	7.0	7.2	7.8	8.2	8.5	8.9
12	109 Bangladesh	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1
13	110 Bahrain	23.0	28.1	22.6	29.2	38.5	41.5	43.3	42.9	44.3	45.3	45.7
14	111 Bahamas	13.2	15.2	20.0	16.8	15.9	11.3	10.9	10.6	10.3	10.2	10.2
15	112 Austria	10.7	8.5	8.3	8.9	8.0	8.3	10.0	12.2	12.4	14.1	15.9
16	113 Australia	18.2	19.2	20.6	20.4	20.5	20.9	21.3	21.4	21.0	21.0	21.4
17	114 Argentina	13.6	11.5	9.7	8.2	6.9	6.8	4.9	4.4	4.0	3.7	3.4
18	115 Antigua and Barbuda	3.4	10.1	10.7	10.8	13.0	15.7	19.4	19.8	20.2	20.8	21.8
19	116 Angola	2.9	1.7	0.9	0.5	1.3	1.3	0.3	0.3	0.3	0.3	0.3
20	117 Andorra	19.9	39.2	56.6	61.1	68.8	69.3	75.3	66.6	63.9	63.5	64.9
21	118 American Samoa	22.6	18.6	27.6	36.8	42.8	46.2	46.2	46.6	43.8	42.7	41.6
22	119 Albania	3.9	1.6	1.3	1.1	1.1	1.4	1.2	1.1	0.9	0.8	0.7
23	120 Algeria	2.6	2.9	2.3	2.2	2.0	1.9	1.6	2.1	2.4	2.5	2.7
24	121 Adige	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3
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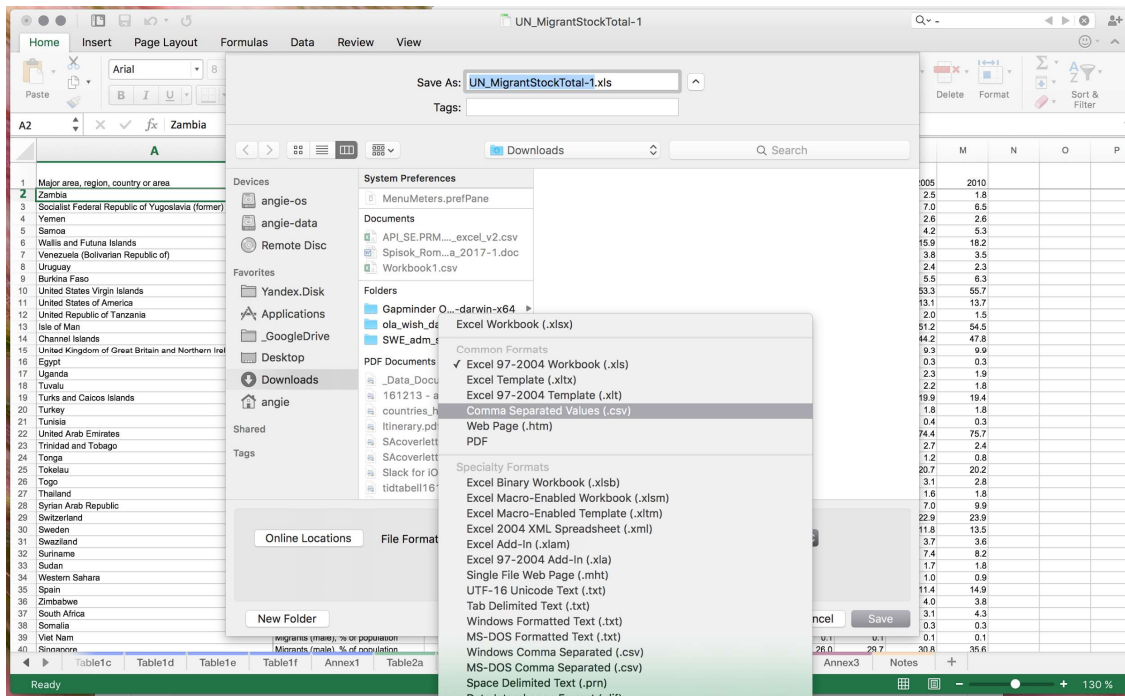
		1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010
1	Major area, region, country or area											
131	Haiti	0.4	0.3	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4
132	Guyana	2.9	2.4	2.0	1.4	0.9	0.7	0.6	0.8	1.2	1.4	1.6
133	Guinea	0.4	0.4	0.5	0.5	0.6	0.6	3.8	10.3	8.0	4.1	3.6
134	Guatemala	1.1	1.0	0.7	0.6	0.5	0.9	2.5	0.4	0.4	0.4	0.4
135	Guam	54.8	52.4	48.7	48.6	48.6	52.5	55.2	55.5	52.8	50.2	48.7
136	Guadeloupe	3.5	4.6	5.5	6.6	9.6	13.0	17.3	18.4	19.3	20.2	22.2
137	Grenada	4.7	3.9	3.5	3.2	2.9	3.2	4.4	5.7	7.5	9.9	11.0
138	Greenland	8.8	13.2	19.2	22.1	22.6	22.3	19.7	18.2	16.5	14.9	12.9
139	Greece	0.7	0.9	1.1	1.5	1.9	3.3	4.4	5.6	7.4	9.8	11.3
140	Kiribati	2.4	1.9	1.5	1.8	3.4	3.6	3.1	2.7	2.5	2.3	2.1
141	Gibraltar	25.1	29.4	36.6	37.1	36.6	35.0	32.1	29.6	27.4	29.1	28.9
142	Ghana	9.8	8.7	4.8	4.4	4.2	4.1	5.3	6.8	8.8	8.8	8.7
143	Federal Republic of Germany (former)	4.5	4.9	5.5	8.1	8.5	8.3	-	-	-	-	-
144	German Democratic Republic (former)	1.7	1.0	0.6	0.6	0.6	0.5	-	-	-	-	-
145	Germany	43.6	44.9	53.3	50.2	46.7	43.9	42.2	46.2	44.9	44.2	43.6
146	Occupied Palestinian Territory	11.6	12.7	13.8	14.3	14.7	15.0	15.0	15.0	15.2	15.7	16.6
147	Gambia	5.0	6.8	8.9	12.1	16.2	15.1	15.9	17.4	19.6	20.5	21.6
148	Gabon	16.3	15.8	15.1	14.4	25.9	18.1	23.0	17.8	16.0	14.7	14.0
149	Djibouti	5.7	7.4	9.4	11.9	14.5	15.8	15.2	14.9	14.5	14.0	13.7
150	French Polynesia	27.8	35.6	38.4	38.2	37.7	44.7	51.5	48.7	47.7	46.4	46.6
151	French Guiana	8.8	10.2	11.4	11.6	11.8	11.4	10.9	10.8	10.8	10.7	10.7
152	France	0.7	0.6	0.7	0.7	0.8	1.0	1.3	2.1	2.6	3.3	4.3
153	Finland	6.2	4.5	3.5	2.8	2.3	1.9	1.9	2.0	2.0	2.1	2.2
154	Fiji	28.6	18.4	9.0	8.0	17.2	32.0	47.7	56.1	65.5	67.1	69.2
155	Falkland Islands (Malvinas)	4.7	5.0	5.5	5.9	6.5	7.1	6.5	4.4	5.3	6.7	7.1
156	Faeroe Islands	0.6	0.6	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.3
157	Eritrea	2.0	1.8	1.6	1.3	1.3	1.5	2.5	1.5	1.1	0.8	0.7
158	Ethiopia	10.9	7.2	4.6	3.9	2.9	1.4	0.8	0.8	0.9	1.0	1.1
159	Equatorial Guinea	0.7	0.8	0.8	0.7	0.6	0.6	0.9	0.5	0.5	0.6	0.7
160	El Salvador	0.6	0.7	0.8	0.9	0.8	0.7	0.8	0.8	1.0	2.9	
161	Ecuador	6.3	5.9	5.5	5.2	5.1	5.0	4.9	4.8	4.9	4.9	5.0
162	Dominican Republic	4.2	3.8	3.3	2.9	2.5	3.0	3.8	4.7	5.8	7.2	8.0
163	Dominica	1.5	1.6	2.0	2.4	3.0	3.7	4.5	5.6	6.8	7.6	8.7
164	Denmark	1.6	1.7	1.8	1.7	1.7	1.7	1.7	2.7	2.2	2.6	2.7
165	Benin	0.4	0.4	0.4	0.4	0.4	0.7	2.7	3.3	3.4	3.5	3.5
166	Czechoslovakia (former)	5.2	5.6	5.5	5.8	6.1	6.1	6.0	6.9	9.0	12.2	15.4
167	Cyprus	2.7	2.4	2.1	1.4	1.0	0.7	0.5	0.3	0.2	0.2	0.2
168	Cuba	2.7	2.4	2.1	1.4	1.0	0.7	0.5	0.3	0.2	0.2	0.2
169	Costa Rica	2.7	2.2	1.5	1.5	3.0	4.3	13.5	6.5	7.8	10.1	10.4

Missing values should have nothing in their cells. Here i found missing values for Germany to be "-", so i remove them.

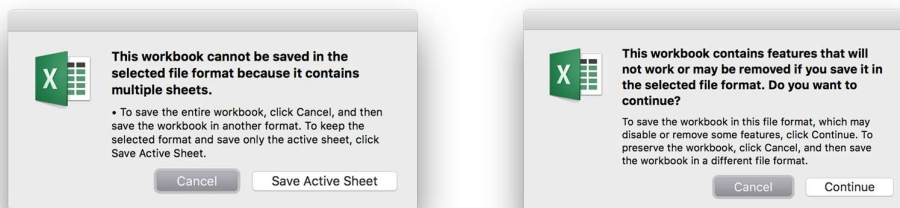
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		1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010
1	Major area, region, country or area											
335	Indonesia	1.9	1.4	1.0	0.7	0.5	0.4	0.3	0.1	0.1	0.1	0.0
336	India	2.0	1.8	1.6	1.4	1.3	1.0	0.9	0.7	0.6	0.5	0.5
337	Iceland	2.0	2.5	2.7	2.7	2.8	3.3	4.2	4.5	6.2	8.0	11.5
338	Hungary	5.3	4.8	4.4	4.0	3.6	3.4	3.6	3.0	3.1	3.5	4.0
339	Hong Kong Special Administrative Region of China	52.2	46.6	43.6	42.0	40.5	39.7	39.3	40.0	41.9	42.8	42.0
340	Honduras	2.7	1.5	0.7	0.5	0.9	1.9	5.4	0.5	0.4	0.4	0.3
341	Holy See	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
342	Haiti	0.4	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3
343	Guyana	2.0	1.8	1.5	1.1	0.7	0.6	0.5	0.8	1.0	1.2	1.5
344	Guinea	0.3	0.4	0.5	0.5	0.6	0.6	4.0	11.5	8.0	4.6	4.1
345	Guatemala	1.0	1.0	0.8	0.7	0.7	1.2	3.4	0.5	0.5	0.4	0.4
346	Guam	33.5	35.3	37.4	41.6	46.0	47.4	48.6	45.0	42.6	40.3	38.9
347	Guadeloupe	3.3	4.2	4.9	6.0	9.1	12.5	16.8	18.2	19.5	20.8	22.7
348	Grenada	4.3	3.6	3.2	2.9	2.6	3.0	4.4	5.9	8.2	11.2	13.1
349	Greenland	6.0	8.4	11.6	11.7	11.6	11.6	10.3	9.5	8.8	8.0	7.1
350	Greece	0.6	0.7	0.9	1.3	1.7	2.9	3.7	4.7	6.0	7.9	9.0
351	Kiribati	1.4	1.3	1.1	1.4	2.6	3.0	2.9	2.5	2.3	2.1	1.9
352	Gibraltar	35.6	35.0	34.8	34.5	33.9	32.5	30.7	29.3	28.8	30.9	30.8
353	Ghana	9.7	4.2	3.2	3.3	3.4	3.5	4.3	5.2	6.5	6.5	6.5
354	Federal Republic of Germany (former)	1.7	2.3	3.0	4.9	5.9	6.3					
355	German Democratic Republic (former)	2.0	1.2	0.8	0.7	0.7	0.7					
356	Germany	45.5	46.0	53.4	48.5	47.1	44.2	42.3	45.6	44.5	44.1	43.7
357	Occupied Palestinian Territory	8.3	8.8	8.8	8.1	9.9	10.7	11.4	12.3	13.3	14.7	16.6
358	Gambia	3.6	4.8	6.4	8.7	11.7	11.8	11.7	12.9	14.5	15.3	16.2
359	Gabon	11.5	11.4	11.4	11.5	21.3	15.3	20.6	15.9	14.2	12.7	11.9
360	Djibouti	3.5	4.3	5.3	6.7	9.1	11.3	11.1	11.0	11.1	11.4	11.9
361	French Polynesia	21.4	24.2	25.5	25.1	29.9	38.3	46.2	47.7	49.3	49.3	46.4
362	French Guiana	6.6	8.1	9.2	8.5	10.1	10.1	9.9	10.2	10.5	10.5	10.6
363	France	0.8	0.8	0.7	0.8	0.8	1.0	1.2	2.0	2.5	3.2	4.2
364	Finland	4.0	3.2	2.7	2.4	2.1	1.8	1.9	1.9	1.9	2.0	2.1
365	Fiji	11.0	8.5	5.1	5.7	11.9	23.9	34.9	38.3	42.9	44.0	45.2
366	Falkland Islands (Malvinas)	4.0	4.4	4.7	5.2	5.6	6.1	5.6	3.7	4.5	5.7	5.9
367	Faeroe Islands	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
368	Eritrea	1.4	1.3	1.2	1.1	1.0	1.3	2.3	1.3	0.9	0.7	0.6
369	Ethiopia	4.5	3.3	2.4	2.2	1.9	1.0	0.7	0.7	0.8	0.9	1.0
370	Equatorial Guinea	1.8	1.3	0.9	0.7	0.7	0.6	0.8	0.5	0.5	0.6	0.6
371	El Salvador	0.5	0.6	0.7	0.8	0.9	0.9	0.8	0.8	0.8	0.9	2.8
372	Ecuador	2.3	2.6	3.0	2.9	2.8	3.0	3.1	3.2	3.3	3.5	
373	Dominican Republic											

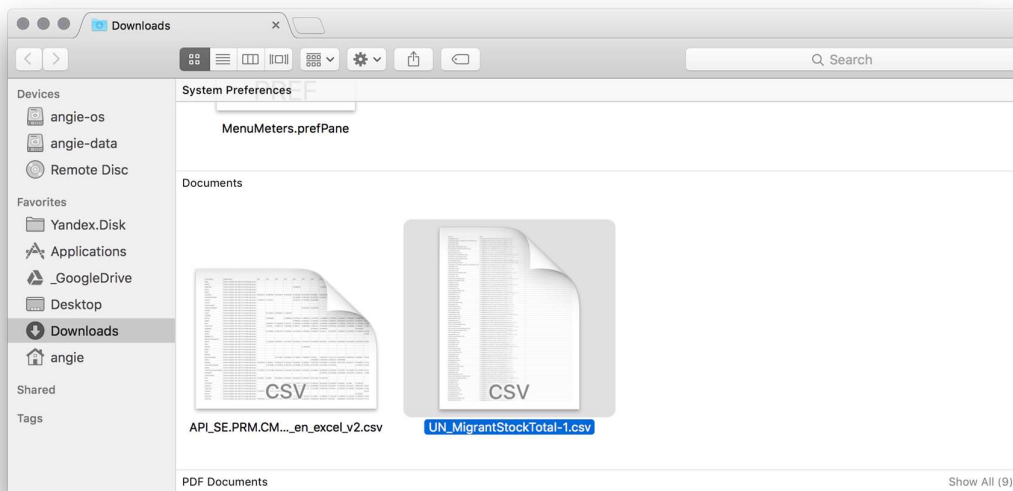
Ok, now the table looks clean and following the example from Gapminder offline  
Go to file —> Save As —> Comma-separated values (.csv)



Confirm that you are only exporting the current sheet and that you will lose all the formatting in CSV:



Now you have a CSV file exported.

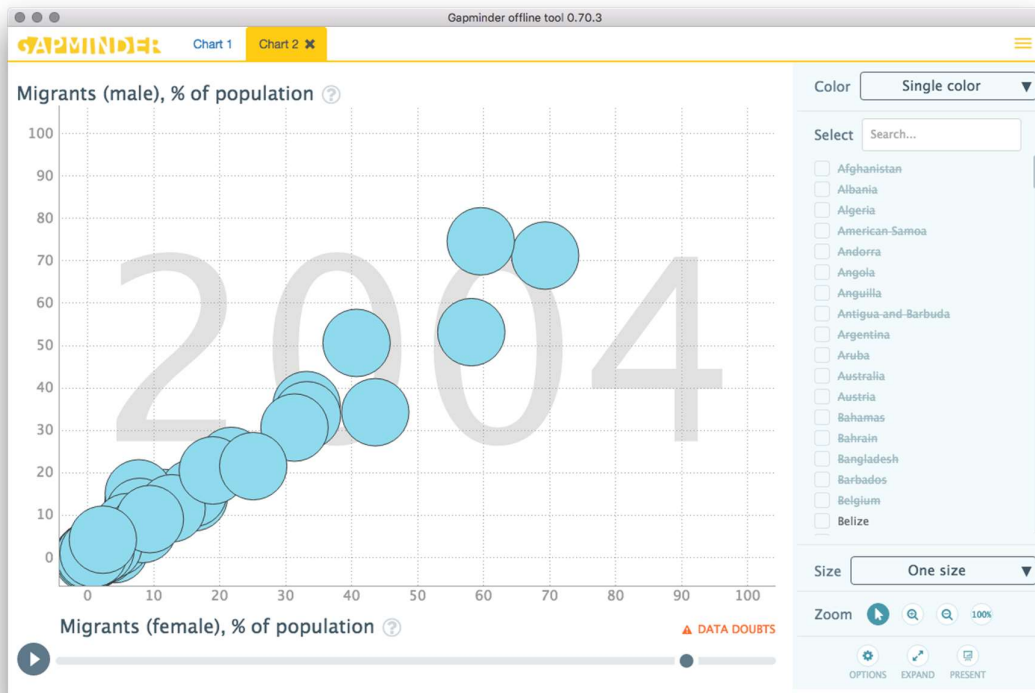


Return to Gapminder Offline. Click “Time is in columns”, because this is our data arrangement.



Locate the csv file you made on your computer

Press OK and you're done! Sometimes the bubbles are hiding, when some data is not available. Move the time slider, so maybe it will show up.



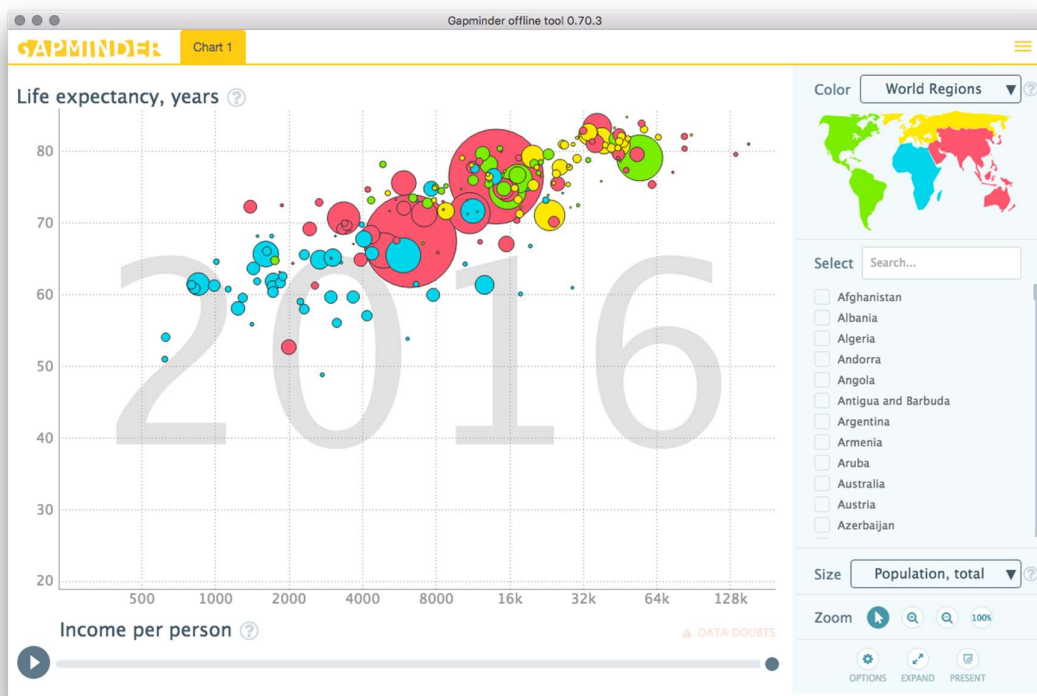
## Task 2. Add your data to Gapminder chart

### TLDR version:

1. Change column headers to the ones requested by the application. Can be “geo” and “time”
2. Change your country names to the ones we use in Gapminder  
[Here is the table that defines the mapping](#) (file Country names mapping.xlsx in the care package)
3. Make sure you use years as time points and they look like 1995, 2016, etc

### Longer version:

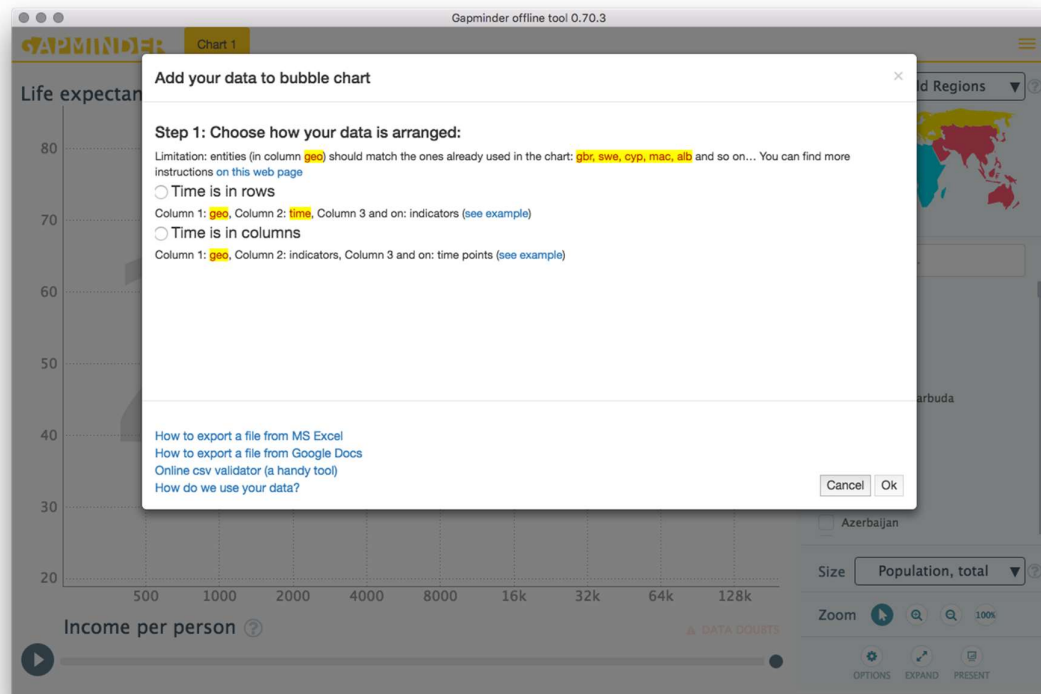
Suppose you have a chart like this to start from the start:



And you have a data like this

Major area, region, country or area	1960	1965	1970	1975	1980	1985	1990	1995	2000	2005	2010
Africa	12.6	9.8	7.8	6.4	5.1	4.3	3.7	3.1	3.5	2.5	1.8
Asia	0.9	0.7	0.7	0.8	1.1	1.4	3.8	8.3	7.6	7.0	6.5
Europe	3.7	3.7	3.8	3.8	3.8	3.3	3.4	3.0	2.8	2.6	2.6
Latin America and the Caribbean	3.3	2.9	2.5	2.7	2.9	1.6	2.1	2.8	3.4	4.2	5.3
North America	0.4	0.7	1.4	2.4	3.5	5.3	9.9	12.1	13.8	15.9	18.2
Algeria	8.2	7.1	5.9	6.0	6.6	6.1	5.2	4.6	4.2	3.8	3.5
Argentina	7.9	7.4	5.7	4.6	3.9	3.3	3.0	2.8	2.5	2.4	2.3
Australia	1.2	1.4	1.5	1.7	2.4	3.4	3.8	4.5	4.8	5.5	6.3
Austria	37.4	40.4	51.1	45.9	47.6	46.7	49.7	50.3	51.6	53.3	55.7
Belgium	5.7	5.6	5.6	6.2	6.8	7.9	9.1	10.6	12.2	13.1	13.7
Brazil	5.3	4.6	4.1	4.1	3.2	2.6	2.3	3.8	2.7	2.0	1.5
Canada	46.1	47.2	44.6	44.3	44.4	48.0	48.5	48.6	50.0	51.2	54.5
China	30.1	34.0	38.4	39.0	39.9	28.0	27.6	38.7	41.1	44.2	47.8
Denmark	3.4	4.9	5.5	5.8	6.1	6.3	6.4	7.1	7.9	9.3	9.9
Finland	0.8	0.7	0.6	0.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3
France	13.4	13.7	12.3	8.4	6.1	4.7	3.3	3.3	2.6	2.3	1.9
Germany	7.3	6.3	5.7	5.3	4.9	4.4	4.2	3.4	2.7	2.2	1.8
Hong Kong	3.6	5.7	8.1	12.4	17.4	27.2	44.9	35.7	30.5	19.9	19.4
Hungary	3.4	2.9	1.1	0.4	1.7	1.8	2.0	1.9	1.8	1.8	1.8
India	3.9	1.6	1.0	0.6	0.6	0.5	0.5	0.4	0.4	0.4	0.3
Indonesia	4.1	26.4	38.6	67.5	77.5	78.6	72.9	75.2	75.3	74.4	75.7
Italy	9.7	7.7	6.1	5.9	5.5	4.5	3.9	3.4	3.0	2.7	2.4
Japan	0.2	0.3	0.5	1.0	1.9	3.8	3.2	2.3	1.6	1.2	0.8
Korea	5.7	7.1	10.7	12.9	15.5	18.6	18.8	17.3	20.7	20.2	20.2
Lebanon	6.3	7.0	6.7	6.0	5.4	4.6	4.1	3.8	3.4	3.1	2.8
Luxembourg	2.2	1.6	1.1	1.0	1.1	0.9	0.7	1.0	1.3	1.6	1.8
Malaysia	6.0	6.0	5.9	5.8	5.7	5.9	5.5	5.7	5.7	7.0	9.9
Mexico	12.9	14.7	17.2	16.9	16.7	18.8	21.1	21.5	22.4	22.9	23.9
Netherlands	3.6	4.8	6.5	6.9	7.3	7.6	8.9	10.0	10.9	11.8	13.5
New Zealand	5.2	8.6	8.0	5.4	5.9	6.5	8.4	4.0	3.7	3.7	3.6
Norway	8.1	8.1	4.6	4.0	3.4	4.1	4.7	5.4	6.3	7.4	8.2
Poland	2.2	1.8	1.9	1.8	3.6	6.0	4.8	3.7	2.5	1.7	1.8
Portugal	2.6	2.2	1.8	2.0	1.4	1.3	1.3	1.2	1.1	1.0	0.9
Saudi Arabia	0.7	0.8	1.0	1.3	1.5	1.8	2.1	2.6	4.4	11.4	14.9
South Africa	15.7	14.2	12.0	9.8	8.1	7.3	7.5	4.7	4.2	4.0	3.8
South Korea	7.6	6.8	6.1	5.2	4.5	7.2	4.2	3.3	2.8	3.1	4.3
Spain	0.5	0.4	0.4	0.4	27.5	13.3	10.2	0.3	0.3	0.3	0.3
Sweden	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Switzerland	33.8	28.3	28.1	23.5	21.7	22.0	22.6	26.0	29.7	30.8	34.6

When you are adding data to the current chart, you will get a message that the entities should match. We use our own country codes in Gapminder (swe for Sweden, cyp for Cyprus etc). So if you want to match up your data with our country codes you also need to use them.



[Here is the table that defines the mapping](#) (file Country names mapping.xlsx in the care package)



Use VLOOKUP Excel function to search the dictionary and replace the country names with Gapminder country codes.

Make an extra sheet and insert the mapping table in there. Actually you need just two columns from the mapping table: country names and country codes, let names be the first column, because VLOOKUP uses the first column to find the matches.

	A	B	C	D	E	F	G
1	name	country					
2	Abkhazia	abkh					
3	Afghanistan	afg					
4	Akrotiri and Dhekelia	akr_a_dhe					
5	Albania	alb					
6	Algeria	dza					
7	American Samoa	asm					
8	Andorra	and					
9	Angola	ago					
10	Anguilla	aia					
11	Antarctica	ata					
12	Antigua and Barbuda	atg					
13	Argentina	arg					
14	Armenia	arm					
15	Aruba	abw					
16	Australia	aus					
17	Austria	aut					

Return to the sheet with data

Add a column between country names and the indicators

	A	B	C	D	E	F	G	H	I	J
1	country		indicator	1960	1965	1970	1975	1980	1985	1990
2	Afghanistan		Migrant stock (male), % of population	0.53	0.51	0.49	0.47	0.46	0.50	0.50
3	Albania		Migrant stock (male), % of population	2.79	2.52	2.32	2.17	2.01	1.91	1.87
4	Algeria		Migrant stock (male), % of population	3.95	1.79	1.34	1.11	1.07	1.42	1.18
5	American Samoa		Migrant stock (male), % of population	12.63	18.56	27.56	36.90	42.57	44.18	46.22
6	Andorra		Migrant stock (male), % of population	19.86	39.19	56.62	61.14	69.62	69.26	75.26
7	Angola		Migrant stock (male), % of population	2.90	1.65	0.94	0.52	1.32	1.32	0.39
8	Anguilla		Migrant stock (male), % of population	7.74	9.93	12.62	15.74	17.94	22.76	27.68
9	Antigua and Barbuda		Migrant stock (male), % of population	9.42	10.06	10.73	10.89	13.01	15.71	19.42
10	Argentina		Migrant stock (male), % of population	13.57	11.50	9.74	8.20	6.91	5.85	4.92
11	Aruba		Migrant stock (male), % of population	12.76	11.31	10.44	9.81	9.28	13.07	20.66
12	Australia		Migrant stock (male), % of population	18.22	19.25	20.45	20.39	20.46	20.48	21.32
13	Austria		Migrant stock (male), % of population	10.67	9.49	8.33	8.86	9.04	9.26	10.02
14	Bahamas		Migrant stock (male), % of population	12.16	15.20	20.03	15.57	11.88	11.34	10.90
15	Bahrain		Migrant stock (male), % of population	22.96	28.10	22.59	29.22	38.49	41.46	43.27
16	Bangladesh		Migrant stock (male), % of population	1.24	1.15	1.08	1.01	1.23	1.28	1.26
17	Barbados		Migrant stock (male), % of population	3.79	4.33	4.99	5.73	6.80	6.97	7.18
18	Belgium		Migrant stock (male), % of population	5.39	7.10	8.00	9.33	10.19	9.90	9.91
19	Belize		Migrant stock (male), % of population	8.97	9.06	9.15	9.03	10.60	16.84	17.08
20	Benin		Migrant stock (male), % of population	1.64	1.70	1.75	1.74	1.72	1.74	1.70
21	Bermuda		Migrant stock (male), % of population	19.31	22.96	28.58	26.71	24.85	25.51	26.08
22	Bhutan		Migrant stock (male), % of population	6.90	7.04	7.04	6.71	6.57	6.74	6.90
23	Bolivia		Migrant stock (male), % of population	1.46	1.41	1.35	1.29	1.16	1.04	0.92
24	Botswana		Migrant stock (male), % of population	1.61	1.71	1.76	1.78	1.76	2.05	2.50
25	Brazil		Migrant stock (male), % of population	2.14	1.72	1.40	1.18	0.99	0.75	0.57
26	British Virgin Islands		Migrant stock (male), % of population	8.19	17.79	36.08	35.69	35.63	40.97	46.08
27	Brunei Darussalam		Migrant stock (male), % of population	28.27	29.20	29.80	29.85	29.54	30.42	30.87

Add a formula in the second column:

=VLOOKUP(A1;'COUNTRY MAPPING'!A:B;2;FALSE)

- here A1 is the country name to look up
- 'COUNTRY MAPPING' is the name of sheet where to look it up
- A:B is the range of columns where to search for the name A1
- 2 is the index of the column which contains the value to be returned
- FALSE means that the match should be strict, this is important!

once done with the formula, pull it so that it stretches for all the rows

The resulting table looks like this:

UN migrant stock data VLOOKUP

Home Insert Page Layout Formulas Data Review View

fx B9 =VLOOKUP(A9;COUNTRY MAPPING!A:B;2;FALSE)

	A	B	C	D	E	F	G
23	Bolivia	bol	Migrant stock (male), % of population	1.46	1.41	1.35	1
24	Botswana	bwa	Migrant stock (male), % of population	1.61	1.71	1.76	1
25	Brazil	bra	Migrant stock (male), % of population	2.14	1.72	1.40	1
26	British Virgin Islands	ygb	Migrant stock (male), % of population	8.19	17.79	36.08	35
27	Brunei Darussalam	#N/A	Migrant stock (male), % of population	28.27	29.20	29.80	29
28	Bulgaria	bgr	Migrant stock (male), % of population	0.22	0.21	0.21	0
29	Burkina Faso	bfa	Migrant stock (male), % of population	1.24	1.38	1.51	1
30	Burundi	bdi	Migrant stock (male), % of population	4.83	6.36	4.46	4
31	Cambodia	khm	Migrant stock (male), % of population	7.26	6.25	5.03	0
32	Cameroon	cmr	Migrant stock (male), % of population	3.67	3.50	3.30	3
33	Canada	can	Migrant stock (male), % of population	15.82	15.66	15.11	15
34	Cape Verde	cpv	Migrant stock (male), % of population	3.60	3.21	2.85	2
35	Cayman Islands	cym	Migrant stock (male), % of population	12.80	14.56	16.90	23
36	Central African Republic	caf	Migrant stock (male), % of population	2.94	2.86	2.74	2
37	Chad	tcd	Migrant stock (male), % of population	2.11	1.96	1.83	1
38	Channel Islands	chanisl	Migrant stock (male), % of population	30.09	34.03	38.38	38
39	Chile	chl	Migrant stock (male), % of population	1.56	1.25	1.02	0
40	China	chn	Migrant stock (male), % of population	0.04	0.04	0.03	0
41	Colombia	col	Migrant stock (male), % of population	0.41	0.44	0.40	0
42	Comoros	com	Migrant stock (male), % of population	0.84	1.05	1.53	2
43	Congo	#N/A	Migrant stock (male), % of population	2.55	2.92	3.31	3
44	Cook Islands	#N/A	Migrant stock (male), % of population	4.66	5.56	6.18	8
45	Costa Rica	cri	Migrant stock (male), % of population	2.69	2.17	1.48	1
46	Cuba	cub	Migrant stock (male), % of population	2.73	2.36	2.06	1
47	Cyprus	cyp	Migrant stock (male), % of population	5.22	5.61	5.54	5

Ready

There will be a few unresolved matches, displayed as #N/A. You will have to resolve those manually, or remove the rows. Once ready, delete the country name column and you should have something like this:

UN migrant stock data VLOOKUP

Home Insert Page Layout Formulas Data Review View

fx P21

	A	B	C	D	E	F	G	H	I
1	geo	indicator	1960	1965	1970	1975	1980	1985	19
2	abw	Migrant stock (female), % of population	19.17	17.05	15.75	14.70	13.88	17.49	24
3	afg	Migrant stock (female), % of population	0.44	0.42	0.41	0.39	0.38	0.41	0
4	ago	Migrant stock (female), % of population	1.99	1.16	0.67	0.38	0.97	1.02	0
5	aia	Migrant stock (female), % of population	8.58	10.37	12.48	14.89	17.23	21.54	28
6	alb	Migrant stock (female), % of population	3.28	2.98	2.75	2.57	2.48	2.35	2
7	and	Migrant stock (female), % of population	17.35	35.97	53.53	58.96	68.47	66.85	71
8	ant	Migrant stock (female), % of population	18.74	16.92	15.26	14.32	13.10	16.39	21
9	are	Migrant stock (female), % of population	0.74	6.44	13.78	39.70	55.71	58.35	68
10	arg	Migrant stock (female), % of population	11.56	10.06	8.76	7.67	6.74	5.93	5
11	asm	Migrant stock (female), % of population	11.07	16.66	25.34	35.05	40.97	42.33	44
12	atg	Migrant stock (female), % of population	8.45	8.87	9.29	9.94	12.25	15.24	19
13	aus	Migrant stock (female), % of population	14.79	16.39	18.13	18.65	18.96	19.31	20
14	aut	Migrant stock (female), % of population	12.14	10.92	9.72	10.10	9.98	9.97	10
15	bdi	Migrant stock (female), % of population	3.80	5.18	3.76	3.53	5.15	6.84	5
16	bel	Migrant stock (female), % of population	4.27	5.77	6.47	7.48	8.11	7.92	8
17	ben	Migrant stock (female), % of population	1.38	1.44	1.51	1.51	1.52	1.55	1
18	bfa	Migrant stock (female), % of population	1.43	1.55	1.67	1.80	2.57	3.65	4
19	bgd	Migrant stock (female), % of population	1.20	1.10	1.02	0.94	0.53	0.34	0
20	bgr	Migrant stock (female), % of population	0.30	0.29	0.29	0.29	0.28	0.28	0
21	bhr	Migrant stock (female), % of population	10.33	11.97	11.14	13.45	17.74	21.20	23

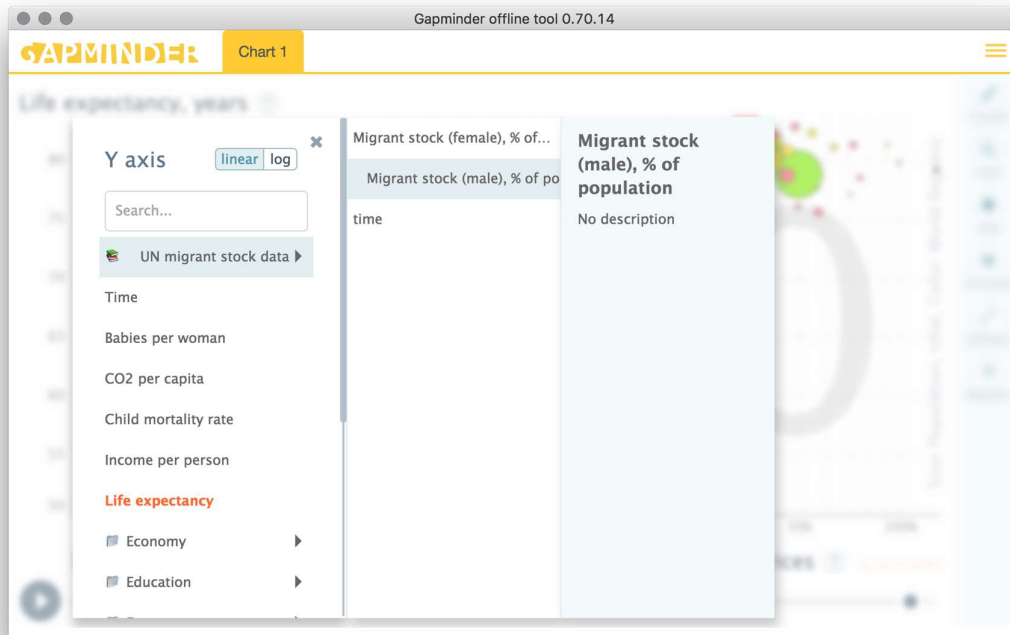
Ready

Observe that the column 1 should be named “geo”, like it was suggested by Gapminder offline app.

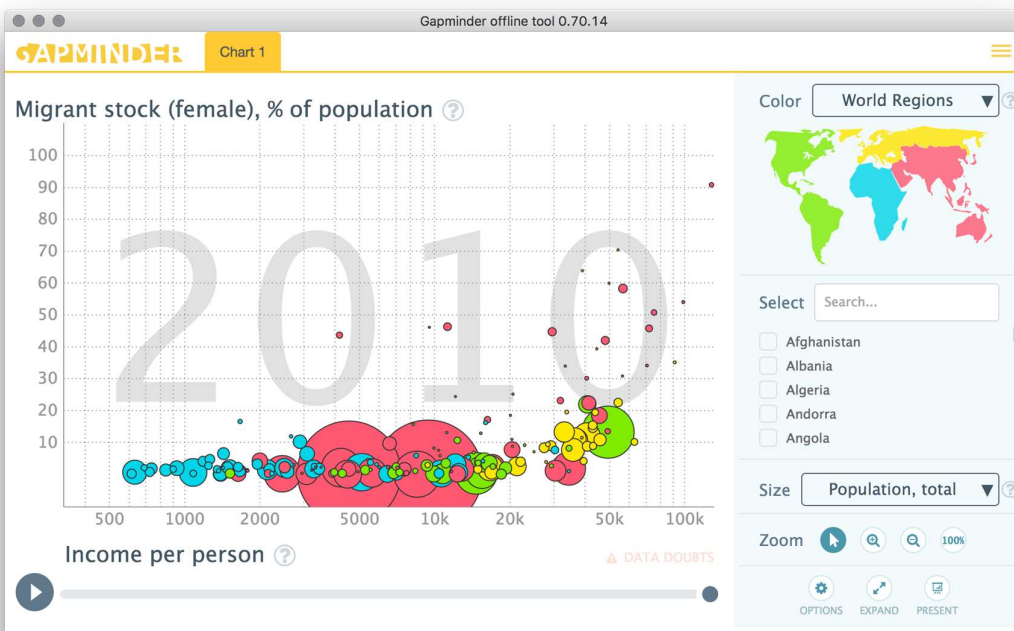


Export a CSV and give it to Gapminder offline app.

Select an appropriate data arrangement. In our example it's time in columns.

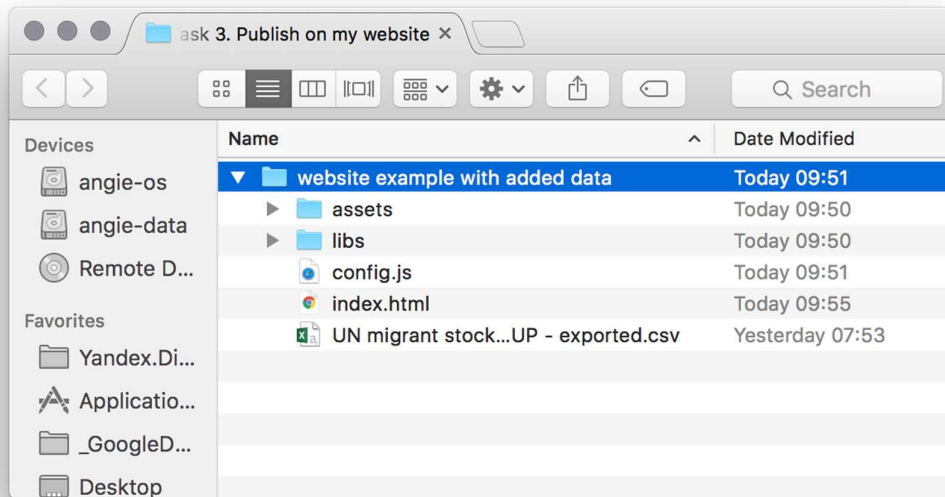


The chart reloads, and the additional information appears in the menu. You can select one of the indicators now and you will see the picture:



## Task 3. Export the result to your website

Look into your workshop care package, you will find “website example with added data”.



This is an already-working example of a website, which you can modify according to your needs. You will need a simple text editor to do that.

Replace the csv file in this folder with your data

Open config.js with a text editor and modify the name of the file

```
82     },
83     "hook_parent": {
84       "use": "property",
85       "which": "parent"
86     }
87   },
88   },
89   "ui": {
90     "datawarning": {
91       "doubtDomain": [1800, 1950, 2015],
92       "doubtRange": [1.0, 0.3, 0.2]
93     },
94     "splash": true
95   },
96   "data": {
97     "reader": "waffle",
98     "path": "https://waffle-server-dev.gapminderdev.org/api/ddf/"
99   },
100   "data_csv": {
101     "path": "UN_migrant_stock_data_VLOOKUP - exported.csv",
102     "reader": "csv-time_in_columns"
103   }
104 };
```

the "reader" field can be "csv-time\_in\_columns" or "csv" for time as rows

This is very nerdy and experimental, but tech people will most definitely be able to do it.

Also Angie and Jasper from Gapminder can help you!

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