

Tableau Work Book - Suicide Rates

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Suicide Number in Russian Federation was highest conutry from 1985 to 2016	The people aged 25 - 34 years old r...
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The people
aged 25 - 34
years old r...



Story

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The people aged 25 - 34 years old ranked the first among different age groups in most of the countries.

Men c
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Country	Age					
	5-14 ye..	15-24 y..	25-34 y..	35-54 y..	55-74 y..	75+ yea..
Russian Federation	6	4	3	1	2	5
United States	6	4	3	1	2	5
Japan	6	5	4	1	2	3
France	6	5	4	1	2	3
Ukraine	6	4	3	1	2	5
Germany	6	5	4	1	2	3
Republic of Korea	6	5	3	1	2	4
Brazil	6	3	2	1	4	5
Poland	6	4	3	1	2	5
United Kingdom	6	4	3	1	2	5
Italy	6	5	4	2	1	3
Mexico	6	1	3	2	4	5
Thailand	6	3	2	1	4	5
Canada	6	4	3	1	2	5
Kazakhstan	6	3	2	1	4	5
Spain	6	5	4	1	2	3
Argentina	6	3	4	1	2	5
Hungary	6	5	4	1	2	3
Romania	6	4	3	1	2	5
Australia	6	4	2	1	3	5
Belgium	6	5	3	1	2	4
Belarus	6	4	3	1	2	5
Sri Lanka	6	2	3	1	4	5
Colombia	5	1	3	2	4	6
Netherlands	6	5	3	1	2	4
Austria	6	5	4	1	2	3
Czech Republic	6	5	3	1	2	4
Cuba	6	5	4	1	2	3
Chile	6	3	2	1	4	5
Sweden	6	5	4	1	2	3
Bulgaria	6	5	4	2	1	3
Uzbekistan	5	2	3	1	4	6
Finland	6	4	3	1	2	5
Lithuania	6	4	3	1	2	5
Switzerland	6	5	4	1	2	3
Serbia	6	5	4	2	1	3
Portugal	6	5	4	2	1	3
Philippines	5	1	3	2	4	6

Age

- ☒ 5-14 years
- ☒ 15-24 years
- ☒ 25-34 years
- ☒ 35-54 years
- ☒ 55-74 years
- ☒ 75+ years

Highlight Age

Highlighting "35-54 year..

Story

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Men consistantly had a higher total rate of suicide accross different countries from 1985 to 2016

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Country	Sex	
	male	female
Lithuania	6,457	1,203
Russian Federation	5,063	954
Republic of Korea	4,781	2,043
Kazakhstan	4,607	955
Hungary	4,455	1,113
Latvia	4,172	809
Slovenia	4,056	924
Ukraine	3,737	682
Guyana	3,703	1,007
Suriname	3,435	1,102

Suicide/100K Population i..
To Null

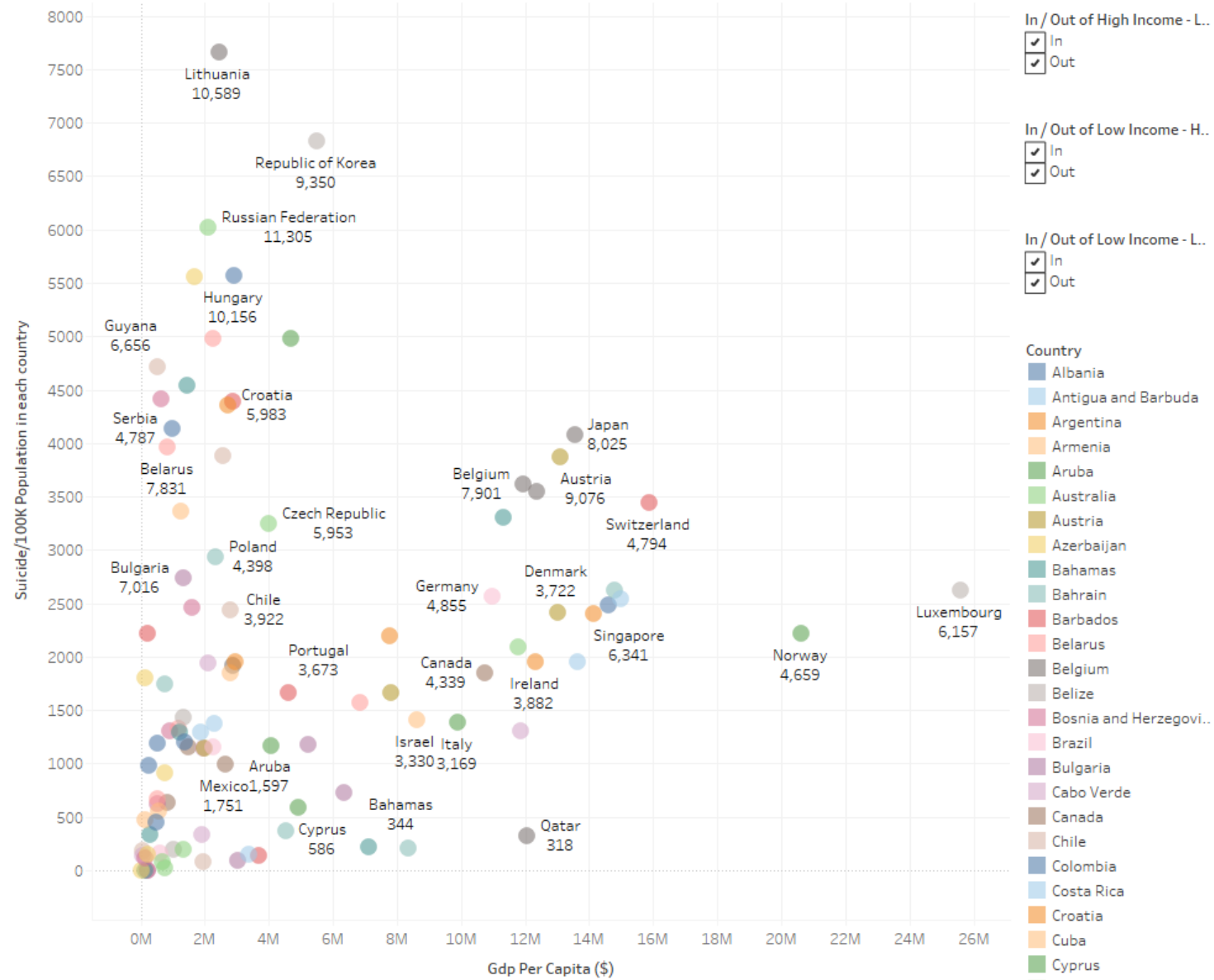
Suicide/100K Population i..
682 6,457

Story

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We can see here that countries with a lower GDP had a much wider range of suicide rates, with the highest and lowest rates being represented. Countries with a high GDP have a much more stable rate.

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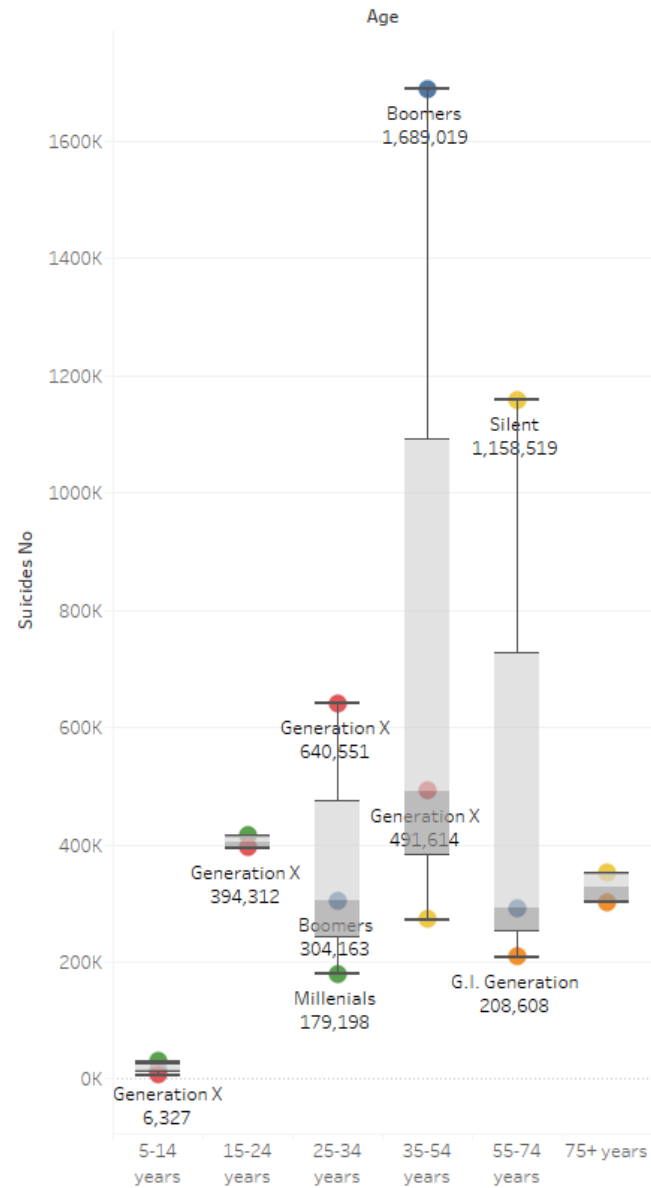


Story

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Across all countries, individuals in the 35 to 54 year old age group had the highest range and instance of suicide, with Boomers topping the range.

For
the
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Generation

- ☒ Boomers
- ☒ G.I. Generation
- ☒ Generation X
- ☒ Generation Z
- ☒ Millennials
- ☒ Silent

Age

- ☒ 5-14 years
- ☒ 15-24 years
- ☒ 25-34 years
- ☒ 35-54 years
- ☒ 55-74 years
- ☒ 75+ years

Generation

- Boomers
- G.I. Generation
- Generation X
- Generation Z
- Millennials
- Silent

Highlight Age

No items highlighted

Highlight Generation

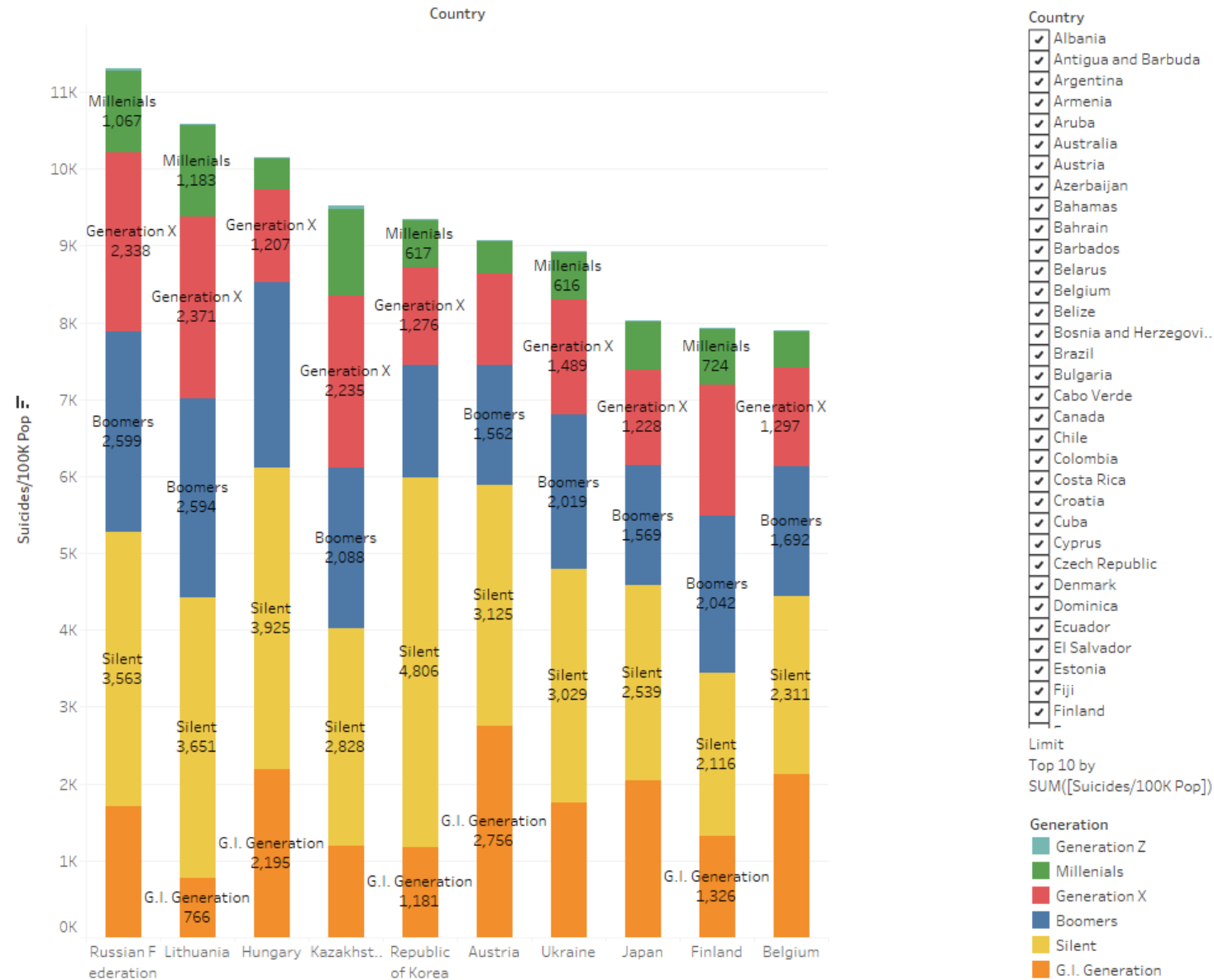
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Story

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For the top ten countries with the highest suicide rates we can see that the silent generation consitantly had the highest incidence.

Over
time
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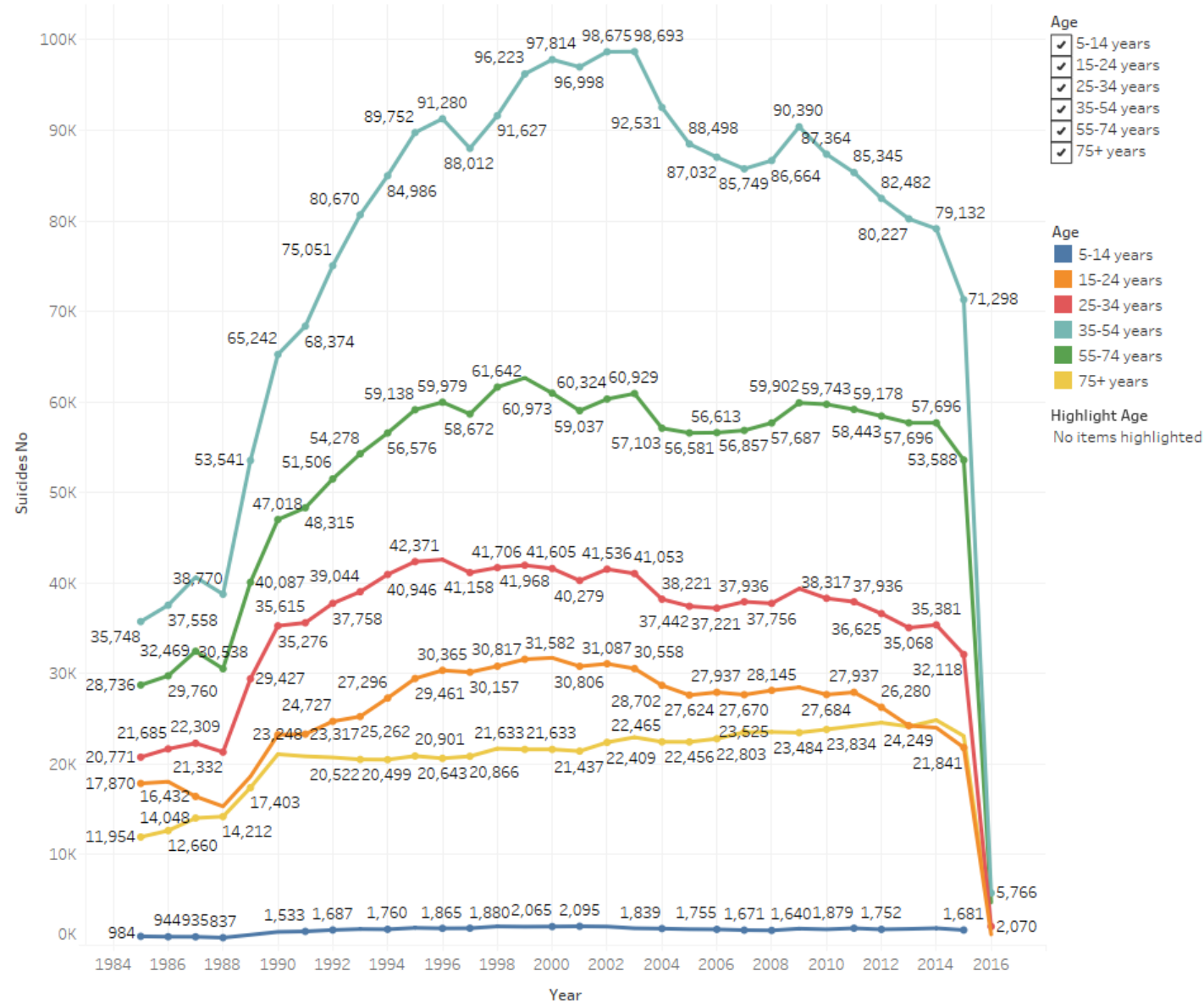


Story

For the to..

Over time we can see a decrease of suicide number across generations. This was likely a return to the norm after a sharp rise in the 90's.

Sadly the tren..

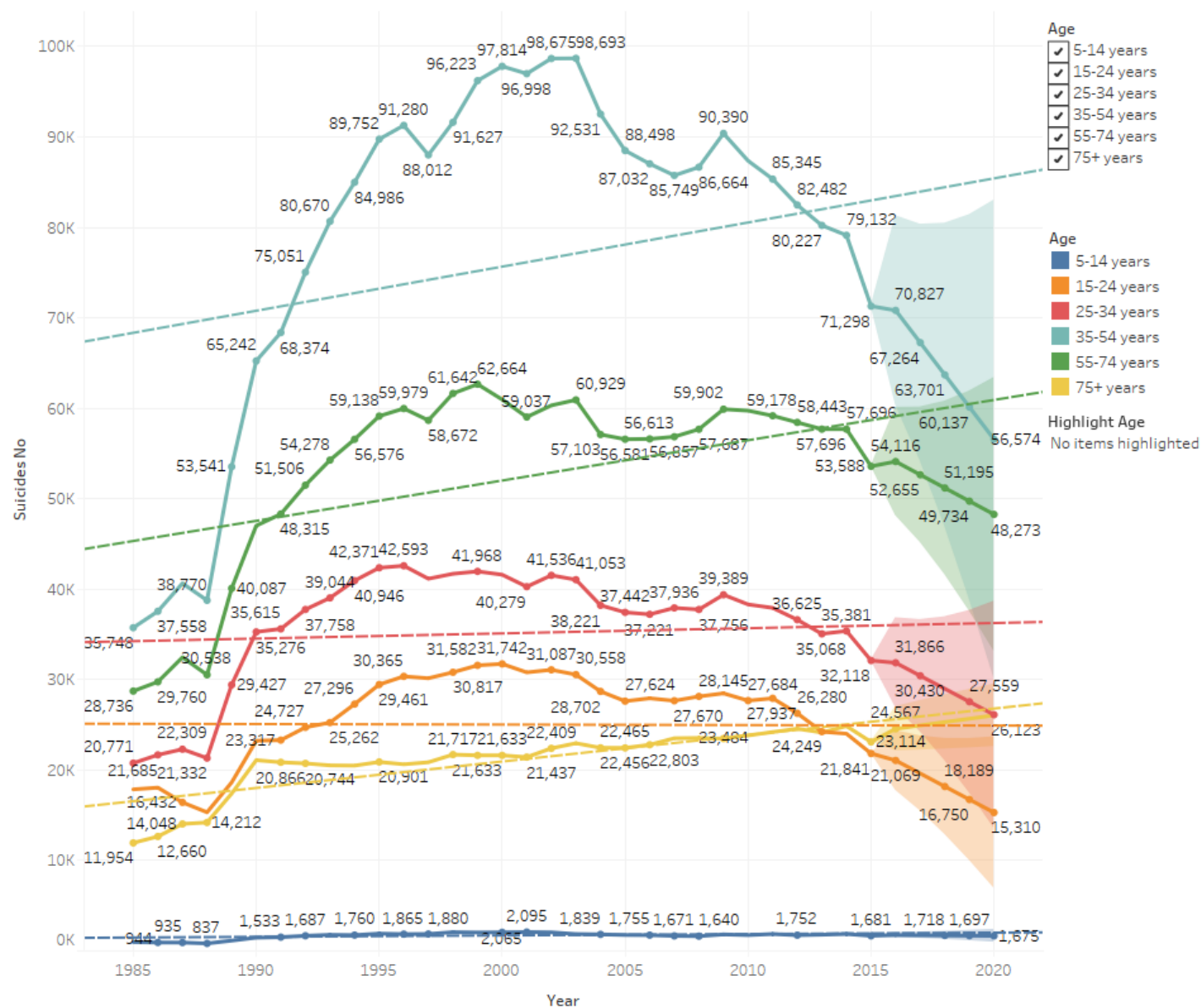


Story

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Sadly the trend line for suicide rates is an upward trajectory for 35-74 year olds despite the recent decrease.

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Story

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For the moving average we can clearly see this affect within that age range in a country like Canada where the avergae increased from 35 - 74 only to decrease thereafter.

Here
again
we c...

Country	Age					
	5-14 years	15-24 years	25-34 years	35-54 years	55-74 years	75+ years
Russian Federation	2,632	61,086	151,257	308,098	334,876	277,723
United States	3,555	58,825	127,689	302,786	355,688	324,753
Japan	828	22,544	64,235	174,891	271,353	275,153
France	328	5,863	17,065	61,618	86,371	94,865
Ukraine	582	10,984	28,642	67,112	83,013	75,111
Germany	274	7,073	17,571	57,891	89,256	102,137
Republic of Korea	568	10,176	32,394	92,519	130,219	129,589
Brazil	1,411	21,747	47,660	88,341	87,755	66,720
Poland	318	7,837	17,923	46,730	59,797	53,852
United Kingdom	114	5,137	13,787	36,872	43,351	38,514
Italy	104	2,517	7,557	23,612	36,047	40,330
Mexico	2,257	19,782	34,278	49,487	38,654	26,152
Thailand	344	6,442	18,027	38,717	42,317	32,987
Canada	318	5,082	10,479	26,575	30,294	27,254
Kazakhstan	879	9,486	20,761	36,073	33,203	23,341
Spain	85	2,101	6,979	22,059	31,335	34,590
Argentina	754	10,745	18,027	26,199	22,893	18,543
Hungary	45	1,291	3,918	15,461	24,346	26,194
Romania	231	2,513	6,147	18,825	26,850	25,979
Australia	142	3,659	8,567	19,470	21,348	18,489
Belgium	70	1,595	4,353	14,269	19,082	19,255
Belarus	62	1,751	4,687	11,171	13,252	11,647
Sri Lanka	26	782	1,549	2,967	2,971	2,466
Colombia	972	9,039	14,870	20,701	16,015	11,099
Netherlands	80	1,585	4,005	13,138	17,895	17,395
Austria	40	1,231	2,759	8,284	12,178	14,074
Czech Republic	49	1,451	4,011	11,269	15,616	15,280
Cuba	79	1,027	2,638	8,817	13,354	14,856
Chile	300	4,533	9,058	17,053	16,839	13,472
Sweden	68	1,632	3,473	8,603	11,634	11,733
Bulgaria	34	570	1,412	4,076	6,935	8,208
Uzbekistan	558	4,605	7,682	11,160	8,102	5,173
Finland	31	1,367	3,063	7,203	9,106	8,265
Lithuania	53	1,371	3,217	8,764	11,098	10,501
Switzerland	36	1,030	2,340	6,930	10,268	11,585
Serbia	14	590	1,837	6,191	11,390	13,502
Portugal	12	290	961	3,532	6,093	7,588
Philippines	306	4,242	7,121	10,108	7,429	4,824

Age

- ☒ 5-14 years
- ☒ 15-24 years
- ☒ 25-34 years
- ☒ 35-54 years
- ☒ 55-74 years
- ☒ 75+ years

Year

2004 to 2016

Highlight Country

Highlighting "Canada"

Highlight Age

No items highlighted

Story

For the m..

Here again we can see the impact of the 35 - 54 age group as a key vulnerable group.

And once agai..

Country	Age						Age
	5-14 years	15-24 years	25-34 years	35-54 years	55-74 years	75+ years	
Russian Fe..	0.73%	12.28%	19.11%	39.61%	22.13%	6.	<input checked="" type="checkbox"/> 5-14 years
United Stat..	0.86%	13.70%	17.61%	36.84%	21.74%	9.	<input checked="" type="checkbox"/> 15-24 years
Japan	0.26%	6.48%	11.72%	34.54%	33.80%	13.	<input checked="" type="checkbox"/> 25-34 years
France	0.27%	6.03%	12.92%	37.53%	26.28%	16.	<input checked="" type="checkbox"/> 35-54 years
Ukraine	0.61%	8.60%	15.51%	38.98%	28.25%	8.	<input checked="" type="checkbox"/> 55-74 years
Germany	0.29%	6.15%	11.31%	33.59%	30.62%	18.	<input checked="" type="checkbox"/> 75+ years
Republic of ..	0.55%	9.26%	16.49%	36.79%	26.20%	10.	
Brazil	1.34%	19.68%	23.18%	35.24%	16.57%	3.	
Poland	0.61%	10.92%	14.59%	43.18%	25.71%	4.	
United King..	0.18%	10.91%	19.21%	39.53%	21.99%	8.	
Italy	0.30%	6.49%	12.20%	29.72%	32.80%	18.	
Mexico	3.54%	30.29%	24.50%	26.99%	11.08%	3.	
Thailand	0.94%	20.81%	25.43%	34.70%	15.04%	3.	
Canada	0.91%	14.79%	18.59%	40.92%	19.38%	5.	
Kazakhstan	1.88%	18.49%	23.50%	37.03%	15.88%	3.	
Spain	0.35%	7.54%	13.35%	30.27%	29.75%	18.	
Argentina	1.77%	21.47%	16.41%	26.49%	24.16%	9.	
Hungary	0.20%	4.83%	9.47%	40.34%	30.71%	14.	
Romania	0.82%	8.22%	12.70%	40.84%	30.06%	7.	
Australia	0.46%	15.81%	21.44%	37.30%	18.42%	6.	
Belgium	0.34%	7.13%	13.91%	38.72%	26.91%	12.	
Belarus	0.55%	9.17%	17.22%	41.88%	25.61%	5.	
Sri Lanka	1.28%	25.81%	22.80%	31.34%	14.57%	4.	
Colombia	3.52%	33.83%	23.46%	24.47%	11.74%	2.	
Netherlands	0.37%	8.01%	15.35%	40.10%	26.45%	9.	
Austria	0.29%	8.72%	12.53%	32.55%	28.51%	17.	
Czech Repu..	0.40%	8.23%	12.58%	38.65%	27.56%	12.	
Cuba	0.45%	8.50%	14.07%	32.76%	28.35%	15.	
Chile	1.30%	19.18%	21.46%	35.40%	17.79%	4.	
Sweden	0.34%	8.98%	13.18%	35.68%	28.36%	13.	
Bulgaria	0.83%	6.99%	9.13%	27.62%	35.00%	20.	
Uzbekistan	3.95%	27.79%	24.65%	31.50%	10.33%	1.	
Finland	0.29%	11.35%	16.73%	41.30%	24.03%	6.	
Lithuania	0.39%	9.57%	14.26%	42.63%	25.95%	7.	
Switzerland	0.27%	7.69%	10.94%	33.74%	29.40%	17.	
Serbia	0.17%	4.65%	8.12%	28.73%	38.17%	20.	
Portugal	0.35%	6.25%	10.76%	27.16%	34.03%	21.	

Highlight Age
Highlighting "35-54 year..

Story

Here a g..

And once again we see the most susceptible age group highlighted with the difference between age groups

Finally, using the..

Country	Age					
	5-14 years	15-24 years	25-34 years	35-54 years	55-74 years	75+ years
Russian Federation		139,771	82,576	247,953	-211,387	-193,542
United States		132,756	40,368	198,870	-156,147	-129,093
Japan		50,158	42,241	184,150	-5,974	-166,134
France		18,972	22,661	81,000	-37,001	-30,637
Ukraine		25,560	22,124	75,088	-34,336	-64,632
Germany		17,070	15,045	64,886	-8,642	-36,634
Republic of Korea		22,815	18,924	53,125	-27,718	-40,548
Brazil		41,568	7,937	27,326	-42,304	-28,519
Poland		14,342	5,110	39,760	-24,303	-28,820
United Kingdom		14,683	11,362	27,798	-24,003	-18,898
Italy		8,171	7,544	23,135	4,064	-18,904
Mexico		29,734	-6,438	2,771	-17,679	-8,314
Thailand		21,978	5,113	10,257	-21,746	-13,242
Canada		14,930	4,088	24,017	-23,166	-15,034
Kazakhstan		16,863	5,087	13,737	-21,476	-12,842
Spain		7,205	5,814	16,958	-524	-11,029
Argentina		16,203	-4,165	8,291	-1,919	-11,883
Hungary		3,425	3,429	22,810	-7,121	-12,014
Romania		5,383	3,262	20,477	-7,842	-16,521
Australia		10,766	3,948	11,116	-13,239	-8,301
Belgium		4,259	4,256	15,569	-7,413	-8,735
Belarus		5,159	4,824	14,766	-9,742	-11,999
Sri Lanka		13,648	-1,675	4,754	-9,334	-5,765
Colombia		16,090	-5,501	535	-6,758	-4,651
Netherlands		3,882	3,730	12,581	-6,938	-8,498
Austria		4,224	1,906	10,025	-2,020	-5,564
Czech Republic		3,422	1,902	11,387	-4,843	-6,550
Cuba		3,337	2,305	7,743	-1,829	-5,168
Chile		7,313	930	5,702	-7,203	-5,282
Sweden		3,266	1,588	8,502	-2,765	-5,637
Bulgaria		2,242	779	6,727	2,685	-5,295
Uzbekistan		8,297	-1,095	2,386	-7,369	-2,978
Finland		3,726	1,812	8,274	-5,815	-5,969
Lithuania		2,576	1,314	7,954	-4,675	-5,257
Switzerland		1,945	852	5,979	-1,139	-2,995
Serbia		1,083	839	4,984	2,283	-4,356
Portugal		1,420	1,085	3,945	1,654	-3,032
Philippines		6,614	-1,749	358	-3,548	-1,680

Age

- ☒ 5-14 years
- ☒ 15-24 years
- ☒ 25-34 years
- ☒ 35-54 years
- ☒ 55-74 years
- ☒ 75+ years

Highlight Age

No items highlighted

Story

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Finally, using the percent metric we see the same result, but this outlines the difference between the 35-54 cohort and the 55-74 cohort.

Suicid
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Country	Age						Age
	5-14 years	15-24 years	25-34 years	35-54 years	55-74 years	75+ years	
Russian Federa..		1,581%	56%	107%	-44%	-72%	<input checked="" type="checkbox"/> 5-14 years
United States		1,488%	28%	109%	-41%	-57%	<input checked="" type="checkbox"/> 15-24 years
Japan		2,355%	81%	195%	-2%	-61%	<input checked="" type="checkbox"/> 25-34 years
France		2,163%	114%	191%	-30%	-35%	<input checked="" type="checkbox"/> 35-54 years
Ukraine		1,311%	80%	151%	-28%	-72%	<input checked="" type="checkbox"/> 55-74 years
Germany		2,052%	84%	197%	-9%	-41%	<input checked="" type="checkbox"/> 75+ years
Republic of Kor..		1,598%	78%	123%	-29%	-59%	
Brazil		1,372%	18%	52%	-53%	-76%	
Poland		1,689%	34%	196%	-40%	-81%	
United Kingdom		6,067%	76%	106%	-44%	-63%	
Italy		2,043%	88%	144%	10%	-44%	
Mexico		757%	-19%	10%	-59%	-67%	
Thailand		2,105%	22%	36%	-57%	-80%	
Canada		1,525%	26%	120%	-53%	-72%	
Kazakhstan		882%	27%	58%	-57%	-80%	
Spain		2,035%	77%	127%	-2%	-37%	
Argentina		1,116%	-24%	61%	-9%	-60%	
Hungary		2,346%	96%	326%	-24%	-53%	
Romania		900%	55%	222%	-26%	-76%	
Australia		3,364%	36%	74%	-51%	-64%	
Belgium		1,972%	95%	178%	-31%	-52%	
Belarus		1,559%	88%	143%	-39%	-78%	
Sri Lanka		1,917%	-12%	37%	-54%	-71%	
Colombia		862%	-31%	4%	-52%	-75%	
Netherlands		2,054%	92%	161%	-34%	-63%	
Austria		2,954%	44%	160%	-12%	-39%	
Czech Republic		1,967%	53%	207%	-29%	-54%	
Cuba		1,804%	65%	133%	-13%	-44%	
Chile		1,375%	12%	65%	-50%	-73%	
Sweden		2,532%	47%	171%	-21%	-53%	
Bulgaria		745%	31%	202%	27%	-42%	
Uzbekistan		603%	-11%	28%	-67%	-83%	
Finland		3,881%	47%	147%	-42%	-74%	
Lithuania		2,385%	49%	199%	-39%	-72%	
Switzerland		2,779%	42%	209%	-13%	-39%	
Serbia		2,641%	75%	254%	33%	-47%	
Portugal		1,671%	72%	152%	25%	-37%	

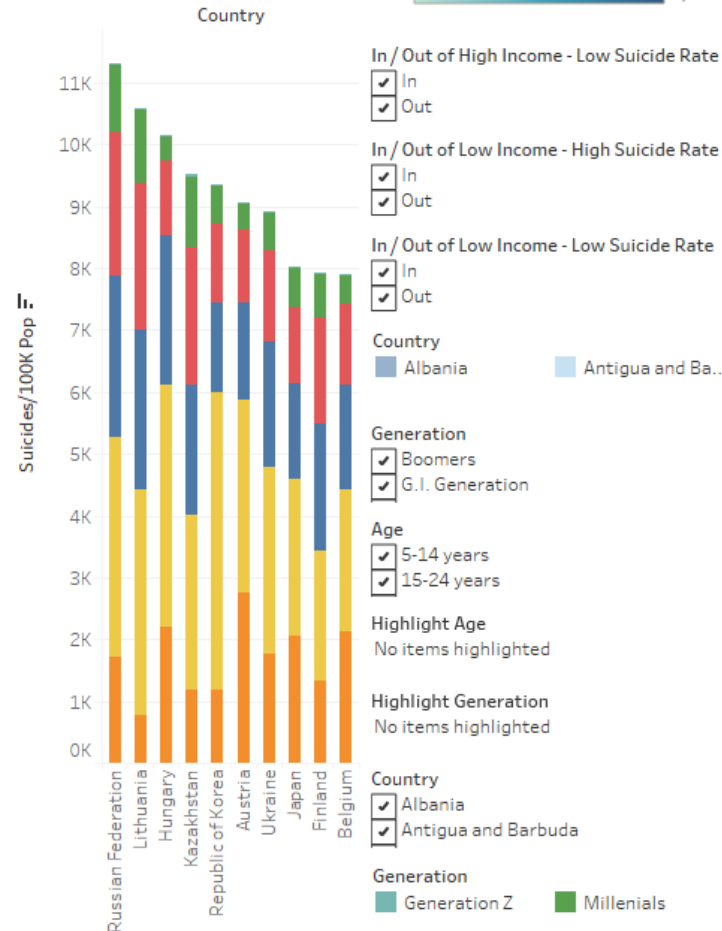
Story

Finally,
using the
percent m...

Suicide rate is affected by several factors when looking at different countries. The countries with the lowest GDP have the largest range of outcomes contributing the highest rates as well as the lowest. It can be said that high GDP countries therefore were able to manage the rate of suicide. We also see the affect of age and gender in suicide rates across the board. Men had consistently higher rates over women and the peak age for suicides in the top 10 countries..

Suicide Rates Overview 1985 to 2016

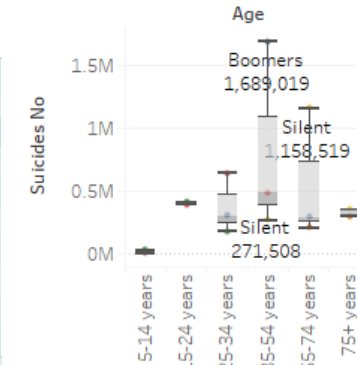
Stacked Bar charts of Different Generation in the Top Ten Countries with the Highest Suicide Rate



Comparison of Suicides /100K Population between Different Sex in Top Ten Countries

Country	Sex	
	male	female
Lithuania	6,457	1,203
Russian Fe..	5,063	954
Republic of ..	4,781	2,043
Kazakhstan	4,607	955
Hungary	4,455	1,113
Latvia	4,172	809
Slovenia	4,056	924
Ukraine	3,737	682
Guyana	3,703	1,007
Suriname	3,435	1,102

Box Plots of Suicides No. of Different Generation in the Different Age Group



Scatter Plot of Correlation of between Suicide Rate and GDP in Each Country

