

# Google Mobility Index



# See how your community is moving around differently due to COVID-19

As global communities respond to COVID-19, we've heard from public health officials that the same type of aggregated, anonymized insights we use in products such as Google Maps could be helpful as they make critical decisions to combat COVID-19.

These Community Mobility Reports aim to provide insights into what has changed in response to policies aimed at combating COVID-19. The reports chart movement trends over time by geography, across different categories of places such as retail and recreation, groceries and pharmacies, parks, transit stations, workplaces, and residential.

## Community Mobility Reports

Reports created 2021-08-17.

In order to download or use the data or reports, you must agree to the Google [Terms of Service](#).

↓ Global CSV

↓ Region CSVs

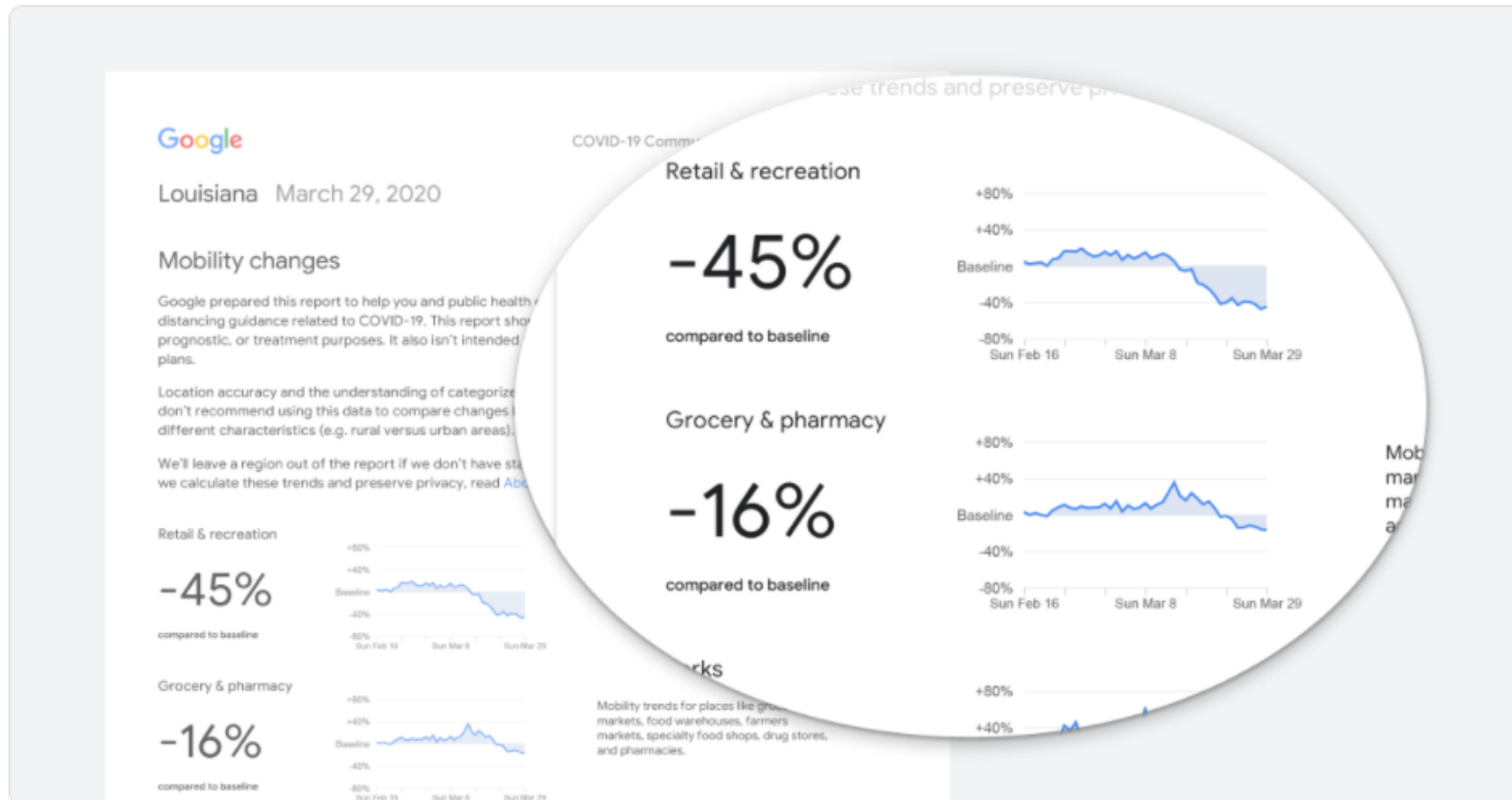
[CSV documentation](#)

[How to use these reports](#)

# What's a Community Mobility Report?

Each Community Mobility Report is broken down by location and displays the change in visits to places like grocery stores and parks. [Learn more about the data.](#)

We're working to add more countries, regions and languages in the coming weeks. This is an early release and reports will be updated regularly.



## Preserving privacy

The Community Mobility Reports were developed to be helpful while adhering to our stringent privacy protocols and protecting people's privacy. No personally identifiable information, such as an individual's location, contacts or movement, will be made available at any point.

Insights in these reports are created with aggregated, anonymized sets of data from users who have turned on the [Location History](#) setting, which is off by default. People who have Location History turned on can choose to turn it off at any time from their [Google Account](#) and can always delete Location History data directly from their [Timeline](#).

We also use the same world-class anonymization technology used in our products every day to keep your activity data private and secure. This includes [differential privacy](#), which adds artificial noise to our datasets, enabling us to generate insights while preventing the identification of any individual person.

Visit Google's [Privacy Policy](#) to learn more about how we keep your data private, safe and secure.

## How long will these reports be available?

These reports will be available for a limited time, so long as public health officials find them useful in their work to stop the spread of COVID-19.

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Thailand August 15, 2021

## Mobility changes

This dataset is intended to help remediate the impact of COVID-19. It shouldn't be used for medical diagnostic, prognostic, or treatment purposes. It also isn't intended to be used for guidance on personal travel plans.

The data shows how visits to places, such as grocery stores and parks, are changing in each geographic region. Learn how you can use this report in your work by visiting [Community Mobility Reports Help](#).

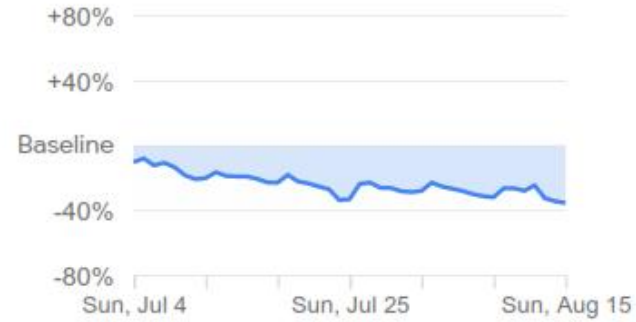
Location accuracy and the understanding of categorized places varies from region to region, so we don't recommend using this data to compare changes between countries, or between regions with different characteristics (e.g. rural versus urban areas).

To learn how we calculate these trends and preserve privacy, read [About this data](#).

## Retail & recreation

# -35%

compared to baseline

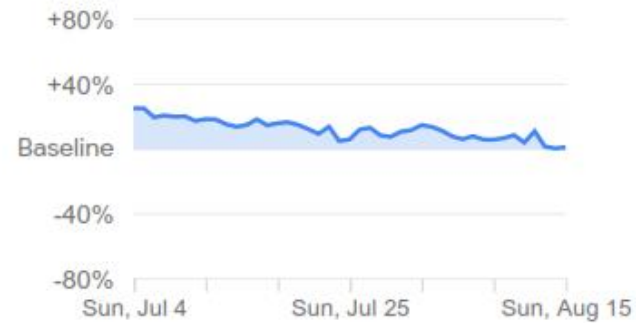


Mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries, and movie theaters.

## Grocery & pharmacy

# +1%

compared to baseline

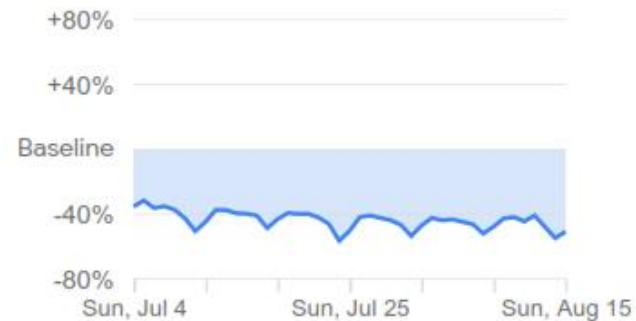


Mobility trends for places like grocery markets, food warehouses, farmers markets, specialty food shops, drug stores, and pharmacies.

## Parks

# -51%

compared to baseline

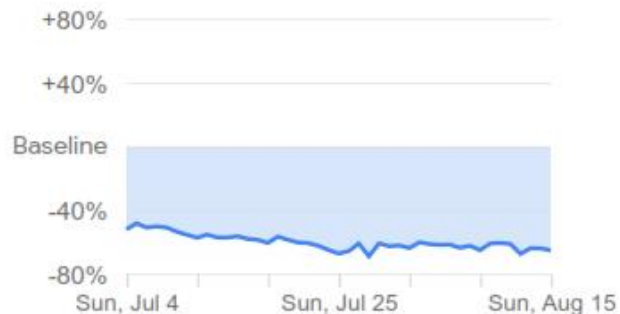


Mobility trends for places like national parks, public beaches, marinas, dog parks, plazas, and public gardens.

### Transit stations

# -65%

compared to baseline



Mobility trends for places like public transport hubs such as subway, bus, and train stations.

### Workplaces

# -15%

compared to baseline

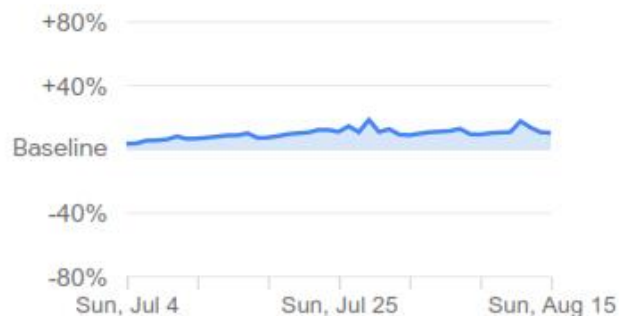


Mobility trends for places of work.

### Residential

# +10%

compared to baseline



Mobility trends for places of residence.

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Togo

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Trinidad and Tobago

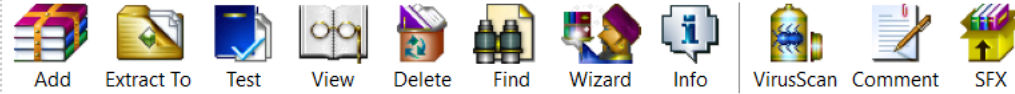
EN

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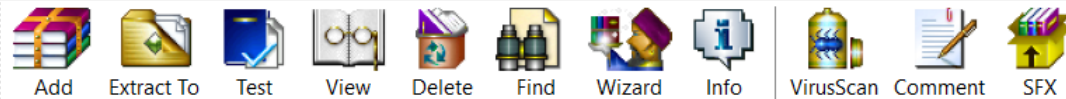
Region\_Mobility\_Report\_CSvs.zip - ZIP archive, unpacked size 634,873,794 bytes

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ไฟล์ หน้าแรก แทรก คำโครงหน้ากระดาษ สูตร ข้อมูล รีวิว มุมมอง วิธีใช้

I16 : 29/2/2020

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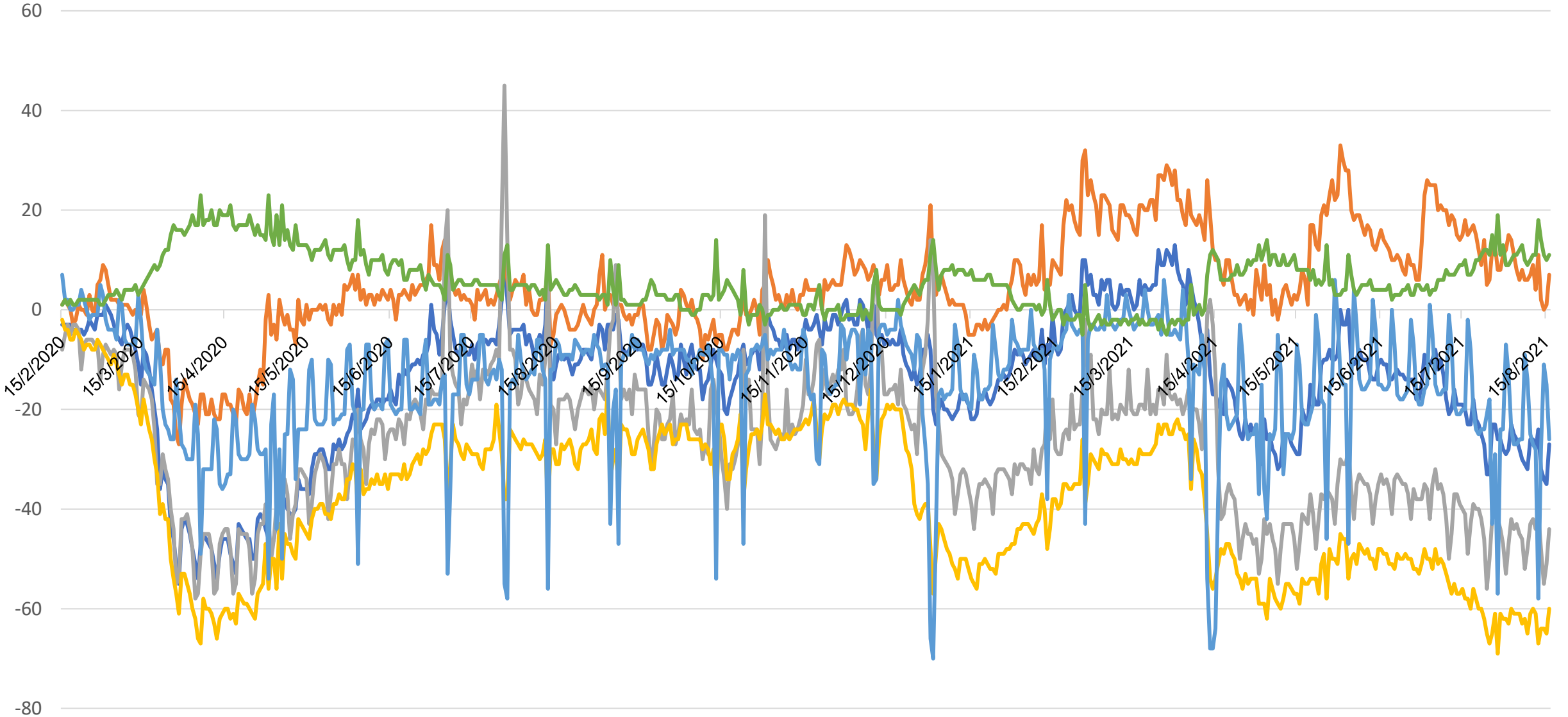
Region\_Mobility\_Report\_CSVs.zip - ZIP archive, unpacked size 634,873,794 bytes

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R17

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
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17	TH	Thailand						ChIJsU1CF	16/1/2021	-22	-5	-44	-55	-9	6	
18	TH	Thailand						ChIJsU1CF	17/1/2021	-21	-3	-38	-56	-12	6	
19	TH	Thailand						ChIJsU1CF	18/1/2021	-17	-3	-35	-51	-18	6	
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24	TH	Thailand						ChIJsU1CF	23/1/2021	-18	-2	-41	-52	-3	5	
25	TH	Thailand						ChIJsU1CF	24/1/2021	-16	-1	-33	-53	-8	5	
26	TH	Thailand						ChIJsU1CF	25/1/2021	-14	0	-32	-49	-13	5	
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28	TH	Thailand						ChIJsU1CF	27/1/2021	-13	1	-32	-49	-12	5	
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30	TH	Thailand						ChIJsU1CF	29/1/2021	-13	4	-34	-48	-11	4	
31	TH	Thailand						ChIJsU1CF	30/1/2021	-11	6	-37	-47	-2	2	
32	TH	Thailand						ChIJsU1CF	31/1/2021	-8	10	-31	-47	-6	1	
33	TH	Thailand						ChIJsU1CF	1/2/2021	-9	10	-33	-44	-7	0	
34	TH	Thailand						ChIJsU1CF	2/2/2021	-8	9	-31	-44	-9	0	
35	TH	Thailand						ChIJsU1CF	3/2/2021	-8	5	-31	-42	-8	1	

# Google Mobility Index



- retail\_and\_recreation\_percent\_change\_from\_baseline
- parks\_percent\_change\_from\_baseline
- workplaces\_percent\_change\_from\_baseline
- grocery\_and\_pharmacy\_percent\_change\_from\_baseline
- transit\_stations\_percent\_change\_from\_baseline
- residential\_percent\_change\_from\_baseline

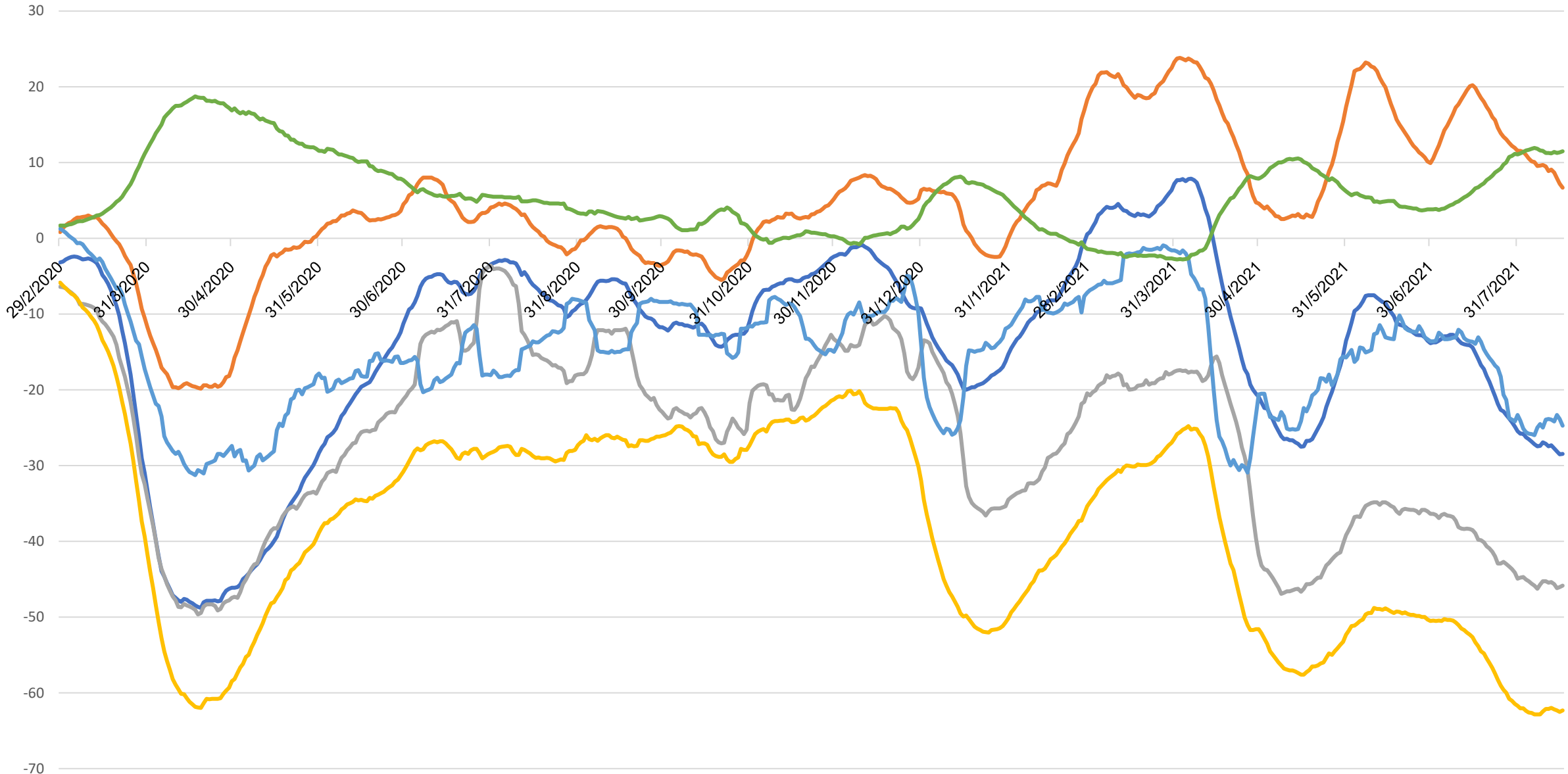
=average(J2:J16)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	country_re	country_re	sub_region_1	sub_region_2	metro_area	iso_3166	census_fip	place_id	date	retail_and	15R x 1C	ar	parks_perc	transit_sta	workplaces	residential	percent_change_from	baseline	
2	TH	Thailand						ChIJsU1CF	15/2/2020	-3	1	-8	-2	7	1				
3	TH	Thailand						ChIJsU1CF	16/2/2020	-3	2	-5	-4	2	2				
4	TH	Thailand						ChIJsU1CF	17/2/2020	-3	1	-3	-4	2	1				
5	TH	Thailand						ChIJsU1CF	18/2/2020	-3	0	-5	-6	0	2				
6	TH	Thailand						ChIJsU1CF	19/2/2020	-4	-3	-3	-6	0	1				
7	TH	Thailand						ChIJsU1CF	20/2/2020	-4	-2	-3	-4	1	1				
8	TH	Thailand						ChIJsU1CF	21/2/2020	-4	1	-4	-5	1	2				
9	TH	Thailand						ChIJsU1CF	22/2/2020	-4	0	-12	-6	4	2				
10	TH	Thailand						ChIJsU1CF	23/2/2020	-5	0	-7	-8	2	2				
11	TH	Thailand						ChIJsU1CF	24/2/2020	-4	-1	-6	-7	0	2				
12	TH	Thailand						ChIJsU1CF	25/2/2020	-2	3	-6	-7	-2	2				
13	TH	Thailand						ChIJsU1CF	26/2/2020	-3	0	-6	-8	-1	2				
14	TH	Thailand						ChIJsU1CF	27/2/2020	-4	-1	-7	-8	-1	2				
15	TH	Thailand						ChIJsU1CF	28/2/2020	-1	5	-7	-6	-1	2				
16	TH	Thailand						ChIJsU1CF	29/2/2020	-1	6	-14	-7	5	1		=average(J2:J16)		
17	TH	Thailand						ChIJsU1CF	1/3/2020	-1	9	-9	-8	3	1				
18	TH	Thailand						ChIJsU1CF	2/3/2020	1	8	-7	-9	-2	2				
19	TH	Thailand						ChIJsU1CF	3/3/2020	0	5	-8	-10	-4	3				
20	TH	Thailand						ChIJsU1CF	4/3/2020	-1	2	-9	-11	-4	3				
21	TH	Thailand						ChIJsU1CF	5/3/2020	-3	2	-8	-9	-4	3				
22	TH	Thailand						ChIJsU1CF	6/3/2020	-5	2	-9	-11	-6	4				
23	TH	Thailand						ChIJsU1CF	7/3/2020	-6	1	-16	-13	2	3				
24	TH	Thailand						ChIJsU1CF	8/3/2020	-7	1	-11	-15	1	2				
25	TH	Thailand						ChIJsU1CF	9/3/2020	-4	1	-8	-13	-6	4				
26	TH	Thailand						ChIJsU1CF	10/3/2020	-3	1	-8	-13	-7	4				
27	TH	Thailand						ChIJsU1CF	11/3/2020	-4	0	-8	-15	-7	4				
28	TH	Thailand						ChIJsU1CF	12/3/2020	-6	-1	-9	-15	-7	4				
29	TH	Thailand						ChIJsU1CF	13/3/2020	-8	0	-12	-17	-7	5				
30	TH	Thailand						ChIJsU1CF	14/3/2020	-11	-1	-21	-20	3	3				
31	TH	Thailand						ChIJsU1CF	15/3/2020	-15	-1	-22	-23	-2	4				
32	TH	Thailand						ChIJsU1CF	16/3/2020	-8	4	-14	-18	-10	5				

Q15    retail\_and\_recreation\_percent\_change\_from\_baseline

	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
1	date	retail_and	grocery_ar	parks_perc	transit_sta	workplaces	residential	date								
2	15/2/2020	-3	1	-8	-2	7	1	15/2/2020								
3	16/2/2020	-3	2	-5	-4	2	2	16/2/2020								
4	17/2/2020	-3	1	-3	-4	2	1	17/2/2020								
5	18/2/2020	-3	0	-5	-6	0	2	18/2/2020								
6	19/2/2020	-4	-3	-3	-6	0	1	19/2/2020								
7	20/2/2020	-4	-2	-3	-4	1	1	20/2/2020								
8	21/2/2020	-4	1	-4	-5	1	2	21/2/2020								
9	22/2/2020	-4	0	-12	-6	4	2	22/2/2020								
10	23/2/2020	-5	0	-7	-8	2	2	23/2/2020								
11	24/2/2020	-4	-1	-6	-7	0	2	24/2/2020								
12	25/2/2020	-2	3	-6	-7	-2	2	25/2/2020								
13	26/2/2020	-3	0	-6	-8	-1	2	26/2/2020								
14	27/2/2020	-4	-1	-7	-8	-1	2	27/2/2020								
15	28/2/2020	-1	5	-7	-6	-1	2	28/2/2020	retail_and	grocery_ar	parks_perc	transit_sta	workplaces	residential	percent_change_from_bas	
16	29/2/2020	-1	6	-14	-7	5	1	29/2/2020	-3.2	0.8	-6.4	-5.86667	1.266667	1.666667		
17	1/3/2020	-1	9	-9	-8	3	1	1/3/2020	-3.06667	1.333333	-6.46667	-6.26667	1	1.666667		
18	2/3/2020	1	8	-7	-9	-2	2	2/3/2020	-2.8	1.733333	-6.6	-6.6	0.733333	1.666667		
19	3/3/2020	0	5	-8	-10	-4	3	3/3/2020	-2.6	2	-6.93333	-7	0.333333	1.8		
20	4/3/2020	-1	2	-9	-11	-4	3	4/3/2020	-2.46667	2.133333	-7.2	-7.33333	0.066667	1.866667		
21	5/3/2020	-3	2	-8	-9	-4	3	5/3/2020	-2.4	2.466667	-7.53333	-7.53333	-0.2	2		
22	6/3/2020	-5	2	-9	-11	-6	4	6/3/2020	-2.46667	2.733333	-7.93333	-8	-0.666667	2.2		
23	7/3/2020	-6	1	-16	-13	2	3	7/3/2020	-2.6	2.733333	-8.73333	-8.53333	-0.6	2.266667		
24	8/3/2020	-7	1	-11	-15	1	2	8/3/2020	-2.8	2.8	-8.66667	-9.13333	-0.8	2.266667		
25	9/3/2020	-4	1	-8	-13	-6	4	9/3/2020	-2.73333	2.866667	-8.73333	-9.46667	-1.33333	2.4		
26	10/3/2020	-3	1	-8	-13	-7	4	10/3/2020	-2.66667	3	-8.86667	-9.86667	-1.8	2.533333		
27	11/3/2020	-4	0	-8	-15	-7	4	11/3/2020	-2.8	2.8	-9	-10.4	-2.13333	2.666667		
28	12/3/2020	-6	-1	-9	-15	-7	4	12/3/2020	-3	2.733333	-9.2	-10.8667	-2.53333	2.8		
29	13/3/2020	-8	0	-12	-17	-7	5	13/3/2020	-3.26667	2.8	-9.53333	-11.4667	-2.93333	3		
30	14/3/2020	-11	-1	-21	-20	3	3	14/3/2020	-3.93333	2.4	-10.4667	-12.4	-2.66667	3.066667		
31	15/3/2020	-15	-1	-22	-23	-2	4	15/3/2020	-4.86667	1.933333	-11	-13.4667	-3.13333	3.266667		
32	16/3/2020	-8	4	-14	-18	-10	5	16/3/2020	-5.33333	1.6	-11.3333	-14.1333	-4	3.533333		
33	17/3/2020	-9	1	-15	-21	-12	6	17/3/2020	-6	1.133333	-11.8667	-14.9333	-4.66667	3.8		
34	18/3/2020	-12	-3	-16	-24	-13	7	18/3/2020	-6.8	0.6	-12.4	-15.8667	-5.26667	4.066667		
35	19/3/2020	-16	-6	-18	-26	-14	8	19/3/2020	-7.8	0.066667	-13	-16.8667	-5.93333	4.4		

# Google Mobility Index (filtered)



retail\_and\_recreation\_percent\_change\_from\_baseline    grocery\_and\_pharmacy\_percent\_change\_from\_baseline    parks\_percent\_change\_from\_baseline  
transit\_stations\_percent\_change\_from\_baseline    workplaces\_percent\_change\_from\_baseline    residential\_percent\_change\_from\_baseline