

Agrievolution Alliance COVID-19 Global Impact Survey

- Survey participants are the listed Agrievolution Alliance member associations whose responses reflect their knowledge of what is occurring within their own countries and what their agriculture equipment manufacturing member companies are experiencing.
- This survey will be conducted on a bi-weekly basis for as long it remains relevant and participation continues, with the first survey results published March 27, 2020.
- While the goal is to receive consistent responses from all Alliance members every two weeks, some Alliance members may not respond and therefore their country will not be included in the results.

Agrievolution Alliance Members



ABIMAQ
Brazilian Association of Industrial Machinery and Equipment



AEA
Agricultural Engineers Association



AEM
Association of Equipment Manufacturers



ANSEMAT
Association for Agricultural, Forestry and Landscaping Machinery



ATMAK
Tractor, Combine, Machinery and Agricultural Equipment Manufacturers Association



AXEMA
Association for Industrial Agricultural Equipment



CAMDA
China Agricultural Machinery Distribution Association



CEMA
European Agricultural Machinery Association



FEDERUNACOMA
Italian Farm Machinery Manufacturers Association



FICCI
Federation of Indian Chambers of Commerce and Industry



JAMMA
Japan Agricultural Machinery Manufacturer's Association



KAMICO
Korean Agricultural Machinery Industry Cooperative



ROSSPETSMAH
Russian Association of Specialized Machinery and Equipment Manufacturers



TARMAKBIR
Turkish Association of Agricultural Machinery & Equipment Manufacturers



VDMA
German Agricultural Machinery Association

OVERVIEW

July, 29th 2020

The agricultural equipment sector continues to manage their way through the pandemic. However, concerns are still at the forefront and vary widely among Agrievolution members as they look for the timing for a full market recovery. It is felt that with a probability of a second wave coming companies will not be able to totally resume all economic activities. Companies still are seeing some supply chain issues due to intermittent lockdowns and restrictions on international events are causing some disruptions in normal business practices and commerce. Alliance members share the sentiment that there will continue to be both short- and long-term impacts on the global economy that may negatively impact demand for new equipment during this stressed economic time.

Currently, eight reporting regions now report new orders being reduced by only 1-25%. India and Russia report new order are level with original projections and Turkey reports that new orders are much better then before the epidemic.

With some reductions in new orders we see a ripple effect on employment. Employment levels continue to show some stress but still positive when compared to two months previous. Six regions are showing employment levels down slightly between 1-10%. Four regions are reporting employment levels remaining about the same. Only one regions reports employment levels down 11-20%.

Overall, agricultural equipment manufacturers and the associated supply chain continue to manage through the pandemic. However a major concern is shared about the possibility of a second wave and the potential economic negative impact going into autumn season.

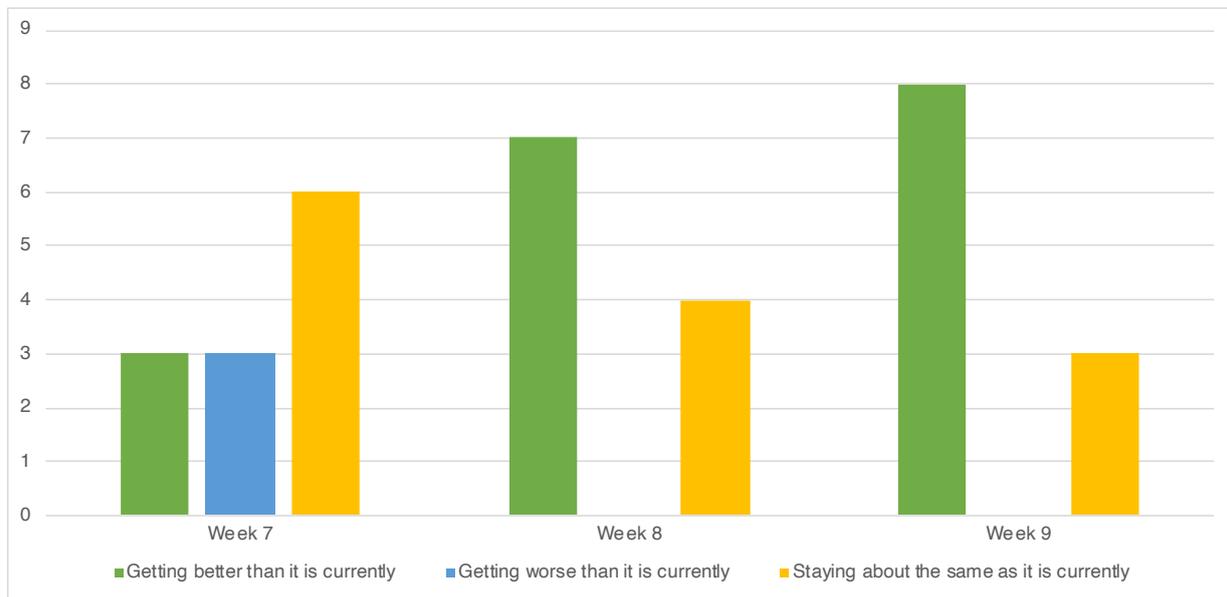
Charlie O'Brien

Agrievolution Secretary General

Q1

Over the next 30 days what is the perception of your member companies regarding the financial outlook for business in the agricultural equipment manufacturing sector?

Positive trends continue regarding the perception of the financial outlook for the next 30 days. Eight of the eleven reporting regions indicate the financial situation is getting better while Japan, Russia, and the United States all indicate no change from the last reporting period. No regions reported the financial outlook getting worse.



Country	Week 7	Week 8	Week 9
Brazil	GW	GB	GB
China	TS	GB	GB
France	TS	GB	
Germany			
India	GB	GB	GB
Italy	GW	TS	GB
Japan	TS	TS	TS
Russia	TS	TS	TS
South Korea	GW		GB
Spain	GB	GB	GB
Turkey	GB	GB	GB
United Kingdom	TS	GB	GB
USA	TS	TS	TS

GB = Getting better than it is currently

GW = Getting worse than it is currently

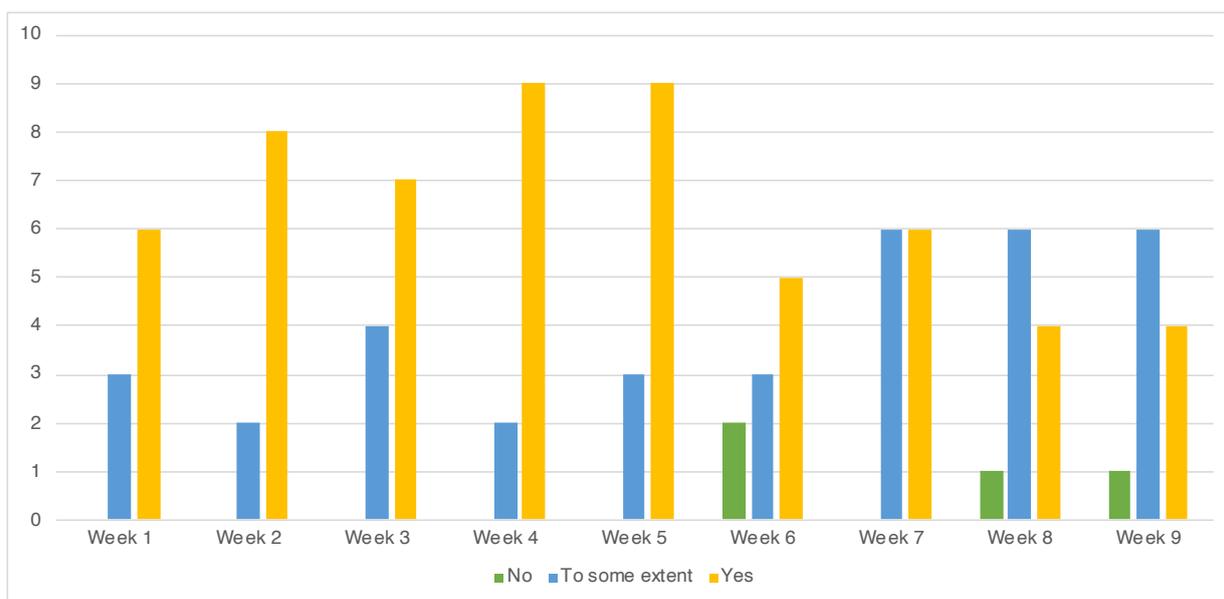
TS = Staying about the same as it is currently



Q2

Has international travel for people been banned at this point?

For the first time since the Agrievolution survey began reporting on the impact of Covid-19 the United States has put strict restrictions on international travel. China, India, South Korea also have banned international travel at this point. All other countries except Turkey have some restrictions in place for international travel.



Country	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Brazil	YES	YES	YES	TSE	TSE	TSE	TSE
China			TSE		TSE	TSE	YES
France	TSE	YES	YES		YES	YES	
Germany							
India	YES						
Italy	YES	YES	YES	YES	TSE	TSE	TSE
Japan	YES	YES	YES	NO	YES	YES	TSE
Russia	YES	YES	YES	NO	YES	YES	TSE
South Korea	TSE	YES	YES	TSE	TSE		YES
Spain	YES	YES	YES	YES	TSE	TSE	TSE
Turkey	YES	YES	YES	YES	YES	TSE	NO
United Kingdom	TSE	TSE	TSE	NO	TSE	NO	TSE
USA	TSE	TSE	TSE	TSE	YES	TSE	YES

TSE = To some extent

Q3

What is the one biggest concern relative to agricultural equipment manufacturing being raised today by members of your association because of the COVID-19 pandemic?

The agricultural equipment sector continues to manage their way through the pandemic. However, concerns are still at the forefront and vary widely among Agrievolution members as they look for the timing for a full market recovery. It is felt that with a probability of a second wave coming companies will not be able to totally resume all economic activities. Companies still are seeing some supply chain issues due to intermittent lockdowns and restrictions on international events are causing some disruptions in normal business practices and commerce. Alliance members share the sentiment that there will continue to be both short- and long-term impacts on the global economy that may negatively impact demand for new equipment during this stressed economic time.

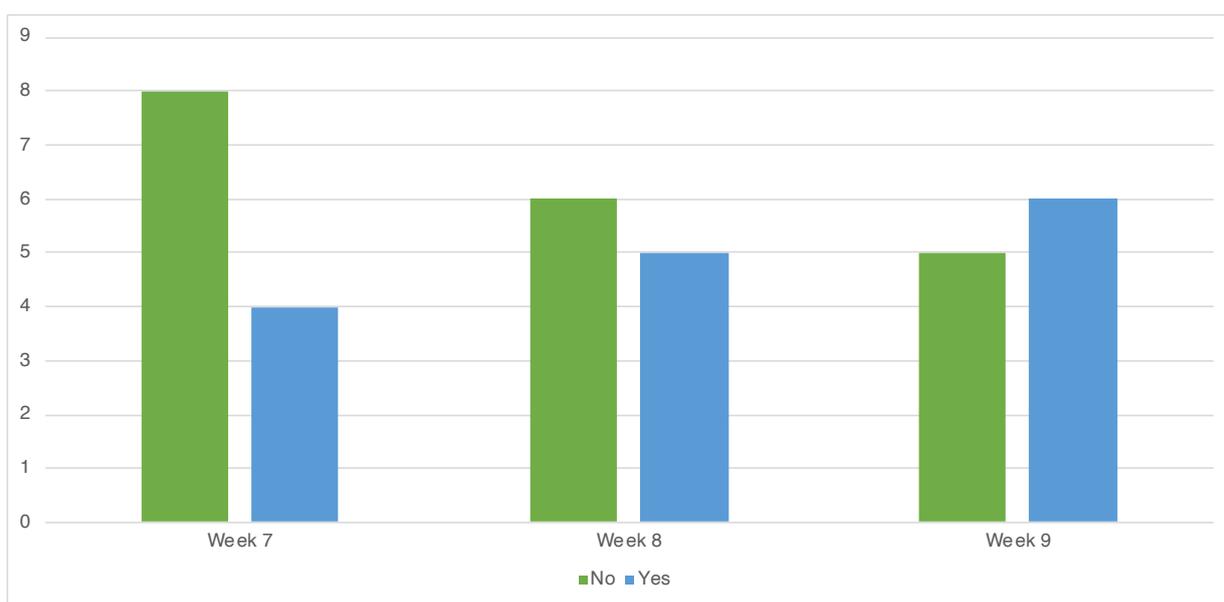
Country	Week 9
Brazil	The agribusiness sector is doing well for the moment however the main concern is the timing for a full market recovery
China	Exports
France	
Germany	
India	Supply chain issues due to intermittent lockdowns
Italy	Lack of visibility in Autumn
Japan	The second wave of Covid-19 is coming so that the companies will not be able to resume economic activity as before
Russia	Restriction of international events
South Korea	
Spain	Global economy and evolution of the pandemic
Turkey	Second wave probability in Covid-19
United Kingdom	Short term and long term impact on global economy
USA	Demand for new equipment in down economy



Q4

Is the agricultural equipment manufacturing sector receiving any government financial support during the COVID-19 pandemic?

At this point, over half reporting regions are receiving some sort of financial support for the agricultural equipment manufacturing sector.

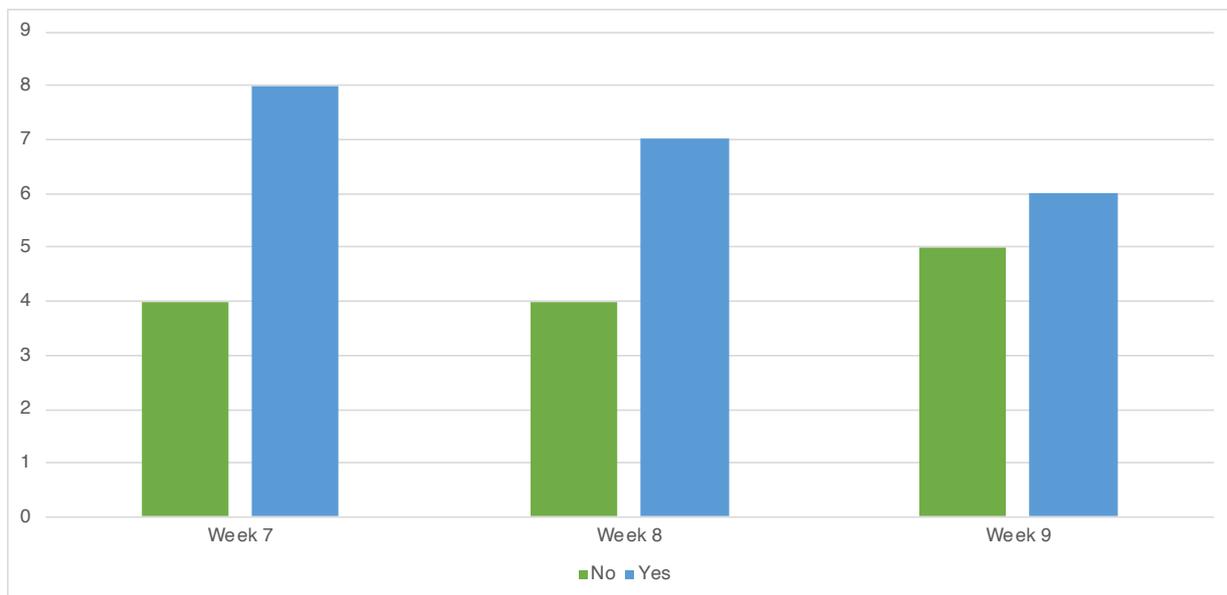


Country	Week 7	Week 8	Week 9
Brazil	NO	YES	YES
China	NO	NO	NO
France	NO	NO	
Germany			
India	NO	NO	NO
Italy	YES	YES	YES
Japan	NO	NO	NO
Russia	YES	YES	YES
South Korea	NO		YES
Spain	NO	NO	NO
Turkey	NO	NO	NO
United Kingdom	YES	YES	YES
USA	YES	YES	YES

Q5

Is the agricultural equipment manufacturing sector receiving any administrative or similar support that loosens restrictions or policies during the COVID-19 pandemic?

Over half of the reporting countries have loosened some restrictions or policies to allow companies to continue to transact business during these challenging times. China, Japan, Turkey, United Kingdom, and the United States have not seen any changes to their administrative support at this time.



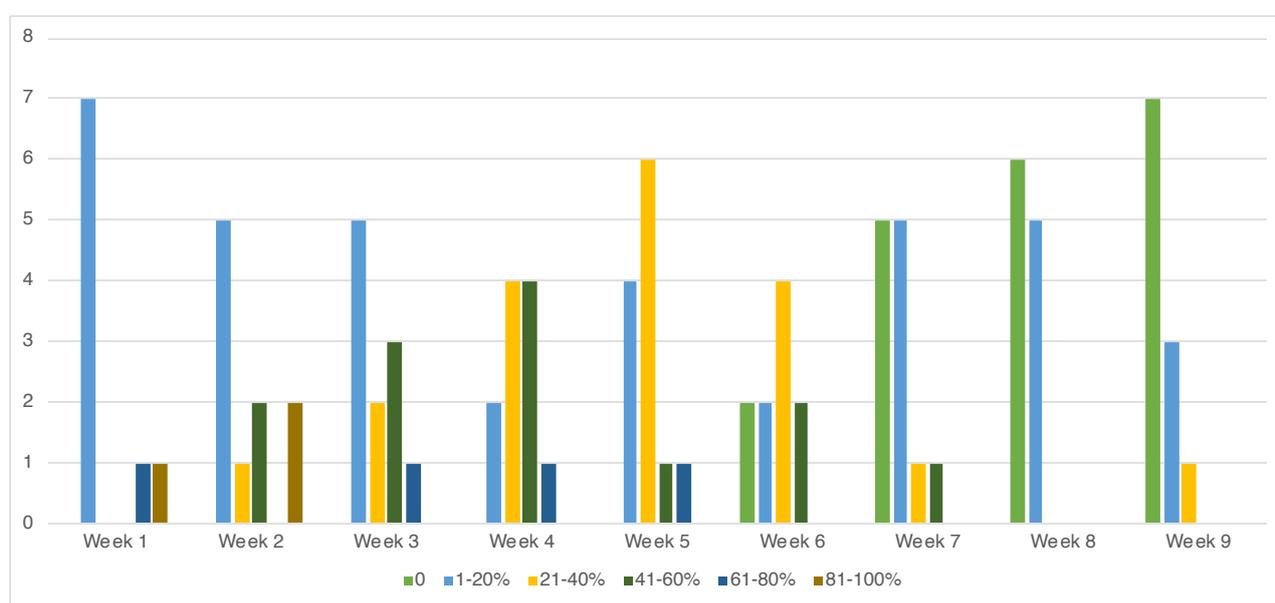
Country	Week 7	Week 8	Week 9
Brazil	YES	YES	YES
China	YES	YES	NO
France	NO	NO	
Germany			
India	YES	YES	YES
Italy	NO	YES	YES
Japan	NO	NO	NO
Russia	YES	YES	YES
South Korea	YES		YES
Spain	YES	YES	YES
Turkey	NO	NO	NO
United Kingdom	YES	NO	NO
USA	YES	YES	NO



Q6

What percent of manufacturing facilities are closed in your country as a result of the COVID-19?

Positive trends continue with manufacturing facilities being opened. Seven of the eleven regions report no closures of facilities currently. Brazil, Italy, and the United States report 1-25% closures indicating the countries are still feeling the impact of Covid-19 on manufacturing and South Korea reports 21-40% continue to be closed due to the pandemic.



Country	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Brazil	41-60%	21-40%	41-60%	41-60%	1-20%	1-20%
China		1-20%		0%	1-20%	0%
France	21-40%	21-40%		1-20%	1-20%	
Germany						
India	61-80%	61-80%	21-40%	21-40%	0%	0%
Italy	41-60%	1-20%	1-20%	0%	0%	1-20%
Japan	41-60%	41-60%	41-60%	1-20%	0%	0%
Russia	21-40%	21-40%	0%	0%	0%	0%
South Korea	21-40%	21-40%	21-40%	1-20%		21-40%
Spain	1-20%	1-20%	0%	0%	0%	0%
Turkey	1-20%	1-20%	1-20%	0%	0%	0%
United Kingdom	41-60%	21-40%	21-40%	1-20%	1-20%	0%
USA	21-40%	21-40%	21-40%	1-20%	1-20%	1-20%

Q7

Which statement below best describes the current situation relating to any disruption in the agriculture equipment manufacturing supply chain with parts and components?

Brazil and China are reporting that they are seeing many suppliers still not able to fill orders at the present time. Spain, Turkey, and the United Kingdom are not seeing any disruptions in the supply chain in sourcing parts and components while all other regions are seeing some disruptions.



Country	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Brazil	NA	NA	NA	NA	SD	NA
China		SD		NA	SD	NA
France	SD			SD	SD	
Germany						
India	SD	SD	SD	SD	SD	SD
Italy	NA	SD	SD	SD	ND	SD
Japan	SD	NA	NA	SD	ND	
Russia	SD	SD	SD	SD	SD	SD
South Korea	SD	SD	SD	SD		SD
Spain	SD	SD	SD	ND	ND	ND
Turkey	SD	SD	SD		ND	ND
United Kingdom	ND	SD	ND	ND	SD	ND
USA	SD	SD	SD	SD	SD	SD

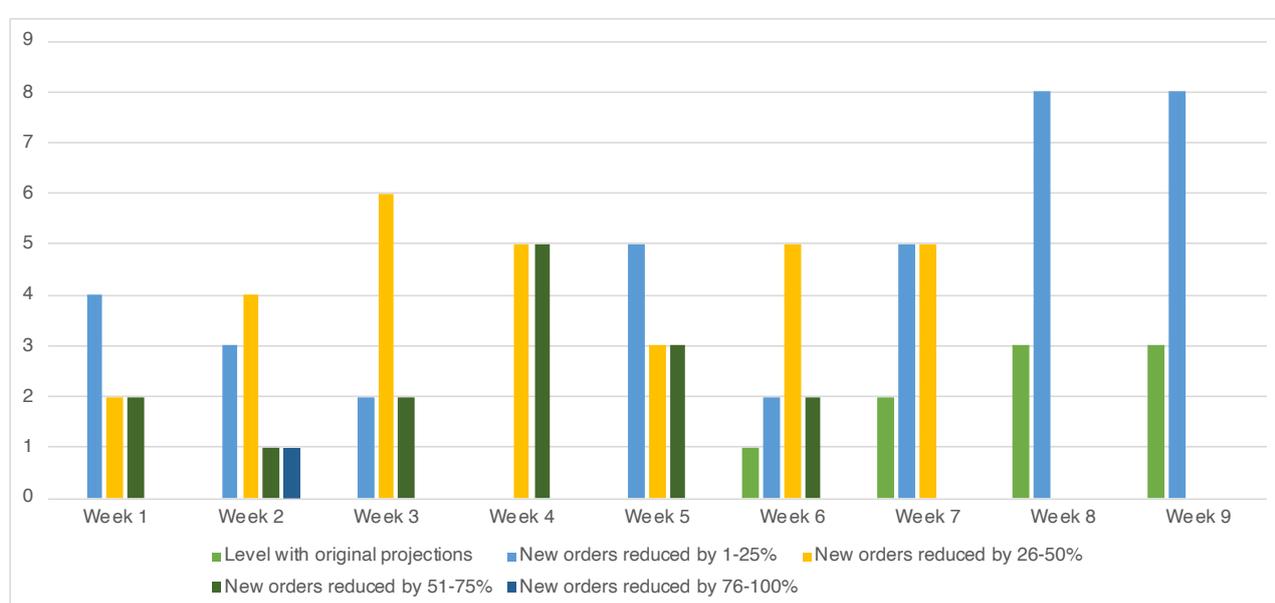
ND = No disruption
SD = Companies are seeing some disruption in getting parts and components
NA = Companies are seeing many suppliers not able to fill orders
SH = There are no supply orders being filled at this time as factories are shut down



Q8

What is the economic impact on new orders being taken for agriculture equipment whole goods?

Eight reporting regions now report new orders being reduced by only 1-25%. India and Russia report new order are level with original projections and Turkey reports that new orders are much better then before the epidemic.



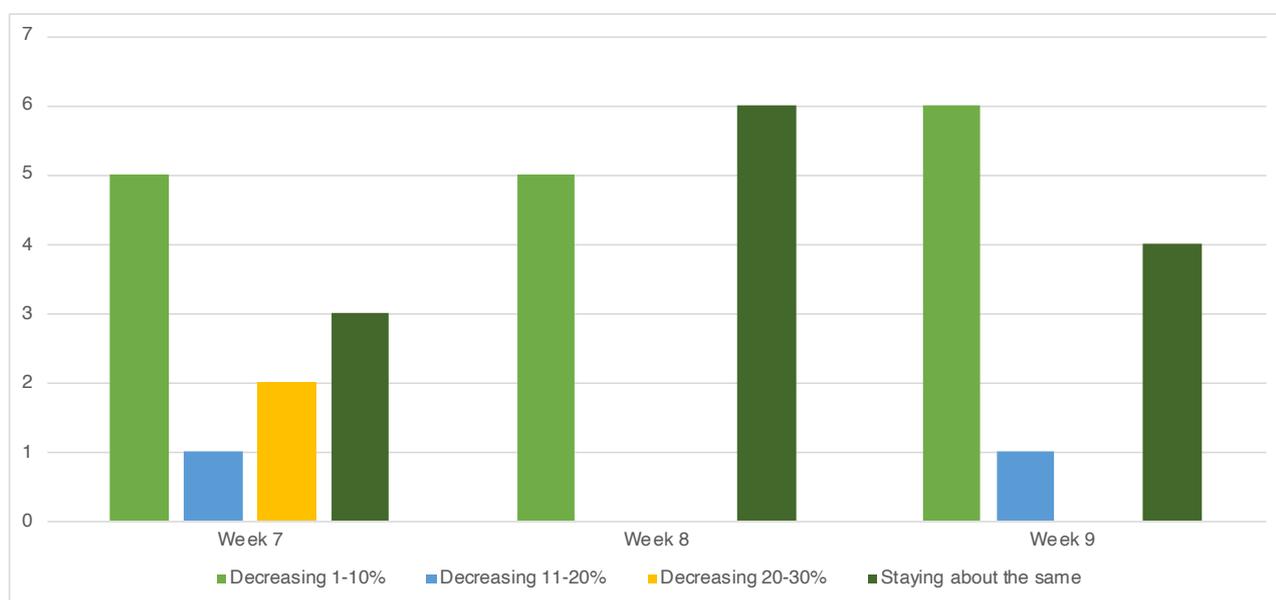
Country	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Brazil	↓ [26-50%]	↓ [51-75%]	↓ [51-75%]	↓ [26-50%]	↓ [1-25%]	↓ [1-25%]
China		↓ [1-25%]		↓ [1-25%]	↓ [1-25%]	↓ [1-25%]
France	↓ [51-75%]			↓ [1-25%]	↓ [1-25%]	
Germany						
India	↓ [51-75%]	↓ [51-75%]	↓ [26-50%]	↓ [26-50%]	L	L
Italy	↓ [26-50%]	↓ [1-25%]	↓ [26-50%]	↓ [1-25%]	↓ [1-25%]	↓ [1-25%]
Japan	↓ [51-75%]	↓ [51-75%]	↓ [51-75%]	↓ [26-50%]	↓ [1-25%]	↓ [1-25%]
Russia		↓ [1-25%]	L	L	L	L
South Korea	↓ [26-50%]	↓ [1-25%]	↓ [1-25%]	↓ [26-50%]		↓ [1-25%]
Spain	↓ [51-75%]	↓ [26-50%]	↓ [26-50%]	↓ [26-50%]	↓ [1-25%]	↓ [1-25%]
Turkey	↓ [51-75%]	↓ [26-50%]	↓ [26-50%]	↓ [51-75%]	L	L
United Kingdom	↓ [26-50%]	↓ [1-25%]	↓ [1-25%]	↓ [1-25%]	↓ [1-25%]	↓ [1-25%]
USA	↓ [26-50%]	↓ [26-50%]	↓ [26-50%]	↓ [1-25%]	↓ [1-25%]	↓ [1-25%]

L = Level with original projections prior to the onset of Covid 19 in our country

Q9

What is the impact on employment at member companies because of COVID-19?

Employment levels continue to show some stress but still positive when compared to two months previous. Six regions are showing employment levels down slightly between 1-10%. Four regions are reporting employment levels remaining about the same. Only one regions reports employment levels down 11-20%.



Country	Week 7	Week 8	Week 9
Brazil	↓ [20-30%]	↓ [1-10%]	↓ [1-10%]
China	↓ [1-10%]	↓ [1-10%]	↓ [1-10%]
France	Unknown	TS	
Germany			
India	↓ [1-10%]	↓ [1-10%]	↓ [1-10%]
Italy	TS	TS	TS
Japan	TS	TS	TS
Russia	TS	↓ [1-10%]	TS
South Korea	↓ [20-30%]	TS	↓ [11-20%]
Spain	↓ [11-20%]	↓ [1-10%]	↓ [1-10%]
Turkey	↓ [1-10%]	TS	TS
United Kingdom	↓ [1-10%]	TS	↓ [1-10%]
USA	↓ [1-10%]	TS	↓ [1-10%]

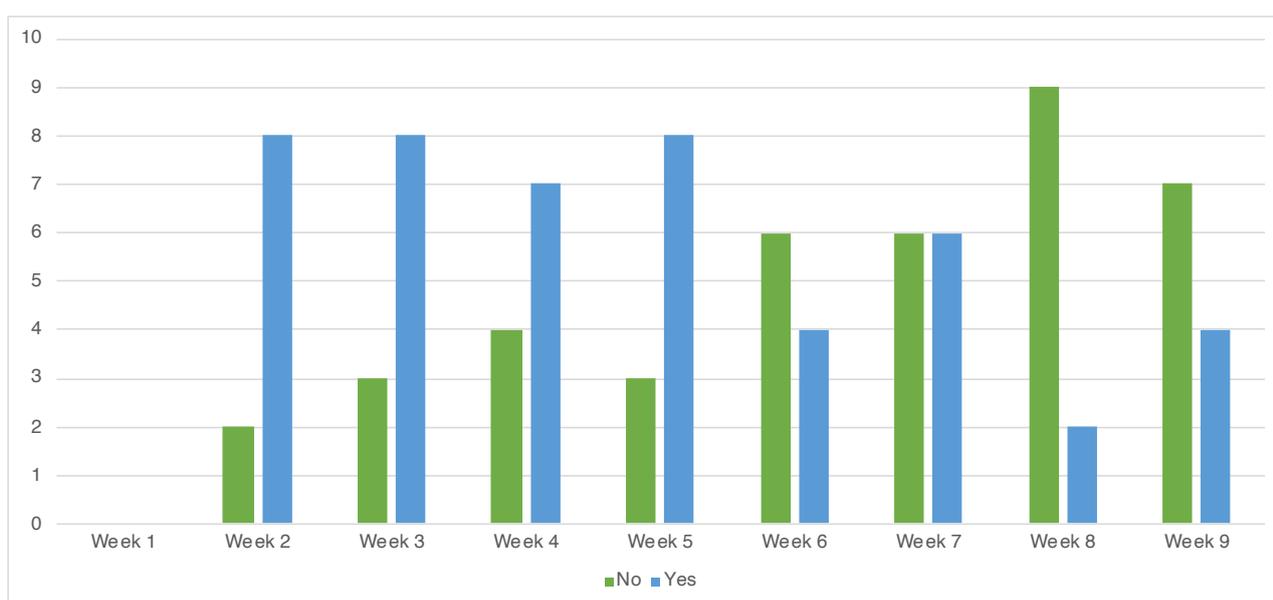
TS = Staying about the same



Q10

Are your members experiencing issues with the transport of parts or equipment due to the closing of borders?

We see a slight uptick in disruptions in the transportation of parts and equipment due to closing of borders. The United States has joined Brazil, Japan, and South Korea in reporting some disruptions due to borders being closed. All other regions report no issues with border closures impacting business.



Country	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9
Brazil	YES	YES	YES	YES	YES	YES
China		YES		NO	NO	NO
France	NO			YES	NO	
Germany						
India	YES	YES	YES	YES	NO	NO
Italy	NO	NO	NO	NO	NO	NO
Japan	YES	YES	YES	YES	YES	YES
Russia	YES	YES	NO	NO	NO	NO
South Korea	YES	YES	NO	YES		YES
Spain	NO	NO	NO	NO	NO	NO
Turkey	YES	YES	NO	NO	NO	NO
United Kingdom	NO	NO	NO	NO	NO	NO
USA	YES	YES	YES	YES	NO	YES



www.agrievolution.com
AgrievolutionAlliance@aem.org

PHONE NUMBER: +1 (414) 298-4174