



Electronics Materials Information



2020 Corona Virus Supply-Chain Impact Survey CMC_S1

Monday, March 02, 2020

Survey Background

A survey on the impact of Covid19 on the materials supply-chain was initially sent to CMC Members and later opened up to non-members in February 2020. The respondents of the survey represent a limited sampling of companies, mostly CMC members. In the near future, we will make concerted efforts to include a larger list of companies and segment the surveys by company type.

This survey is the first of a round of several surveys that TECHCET will perform to track the impact of the virus on the semiconductor industry. The industry will be queried every 2-3 weeks.

This is a give to get survey and results of the survey will only be shared with survey participants.

If you did not have a chance to be included in the survey and are interested in participating in the next round of surveys, please email us at : cmcinfo@techcet.com

Disclaimer

This report represents the interpretation and analysis of information generally available to the public or released by responsible agencies or individuals. Data was obtained from sources considered reliable. However, accuracy or completeness is not guaranteed.

CMC_S1 Survey Demographics

- Survey period: February 2020
- 22 responses, fabs and suppliers
 - 9 Fabs- global locations
 - 12 suppliers, Korea, Taiwan, China, Europe and US
 - 1 University

22

Total Responses

Date Created: Thursday, January 30, 2020; closed on 3/1/2020

Survey Questions

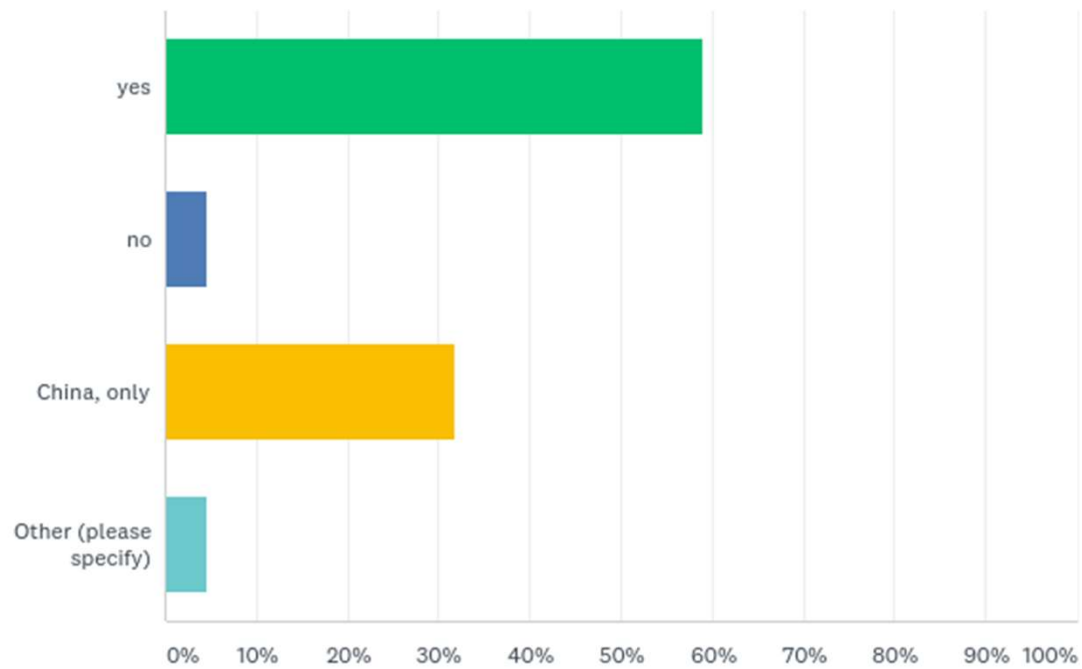
1. Does your Company have any travel restrictions due to the corona virus?
2. Are you experiencing any material supply chain disruption from materials suppliers due to the corona virus?
3. If you answered yes to questions 3, please indicate the material area being impacted?
4. Relating to question 3, what is the issue for the supply chain disruption?
5. How long do you think this disruption will impact the supply chain, if any?

CMC_S1 Survey Summary

- 60% of responses have company wide travel restriction
 - 31% China only
- 50% are not experiencing supply chain disruption
- Disruption is seen in
 - Wet chems
 - CMP Slurry
 - Eqpt components
 - 37% other- clean room supplies and masks
- Main cause of disruption is production delay
- 76% do not know how long this disruption will last

Q2: Does your Company have any travel restrictions due to the corona virus?

Answered: 22 Skipped: 0



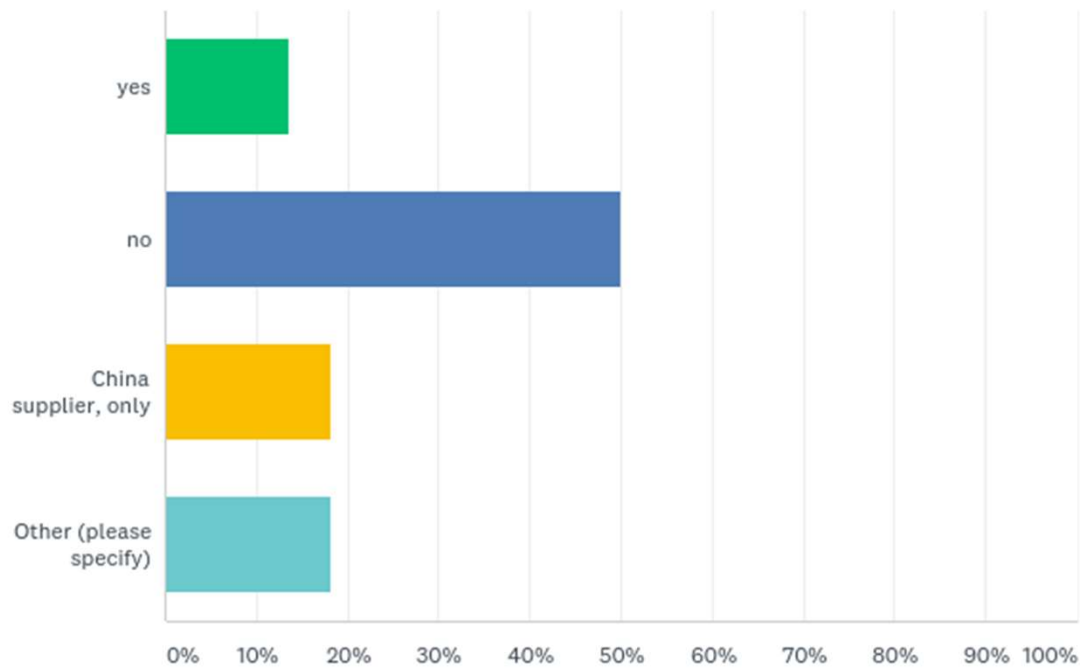
Q2: Does your Company have any travel restrictions due to the corona virus?

Answered: 22 Skipped: 0

ANSWER CHOICES	RESPONSES	
yes	59.09%	13
no	4.55%	1
China, only	31.82%	7
Other (please specify)	4.55%	1
TOTAL		22

Q3: Are you experiencing any material supply chain disruption from materials suppliers due to the corona virus?

Answered: 22 Skipped: 0



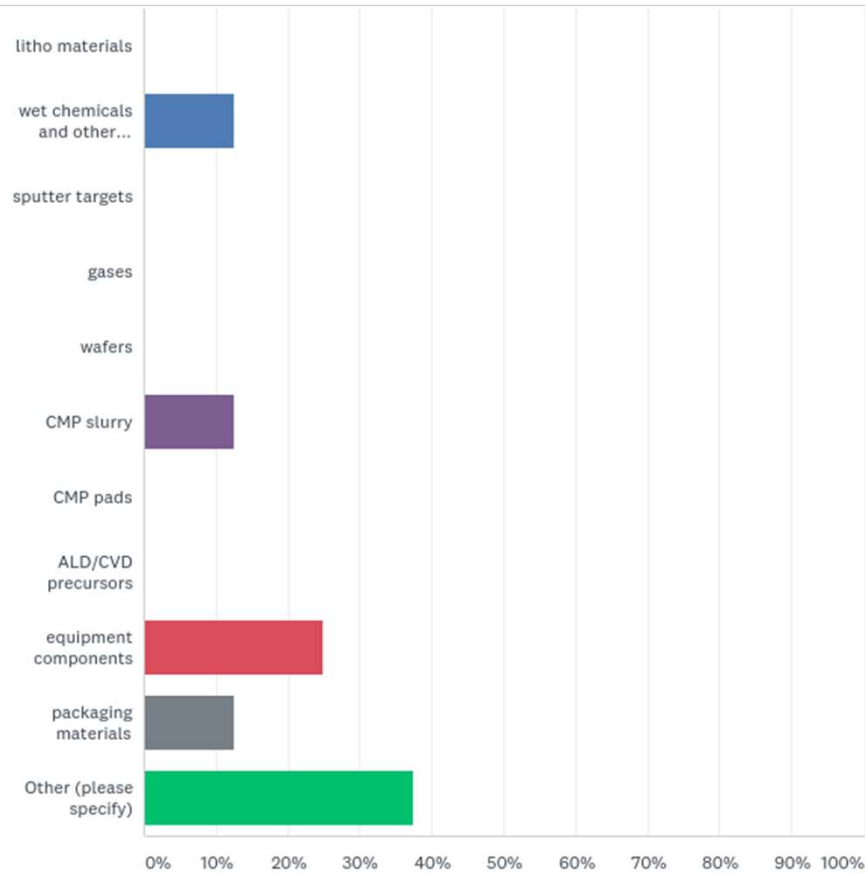
Q3: Are you experiencing any material supply chain disruption from materials suppliers due to the corona virus?

Answered: 22 Skipped: 0

ANSWER CHOICES	RESPONSES	
yes	13.64%	3
no	50.00%	11
China supplier, only	18.18%	4
Other (please specify)	18.18%	4
TOTAL		22

Q4: If you answered yes to questions 3, please indicate the material area being impacted.

Answered: 8 Skipped: 14



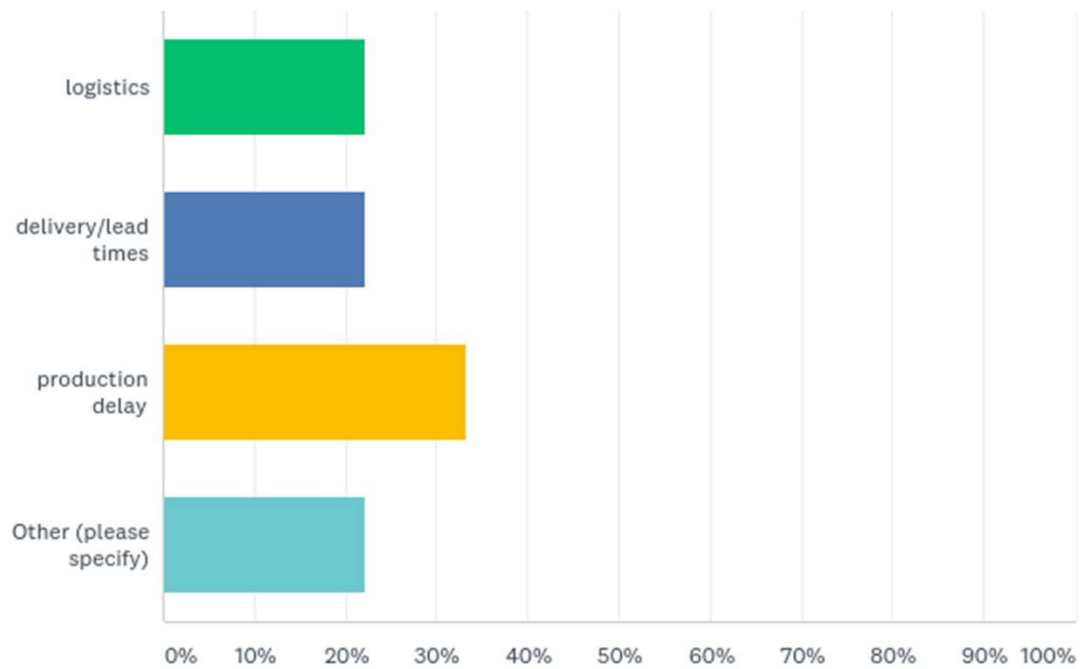
Q4: If you answered yes to questions 3, please indicate the material area being impacted.

Answered: 8 Skipped: 14

ANSWER CHOICES	RESPONSES	
litho materials	0.00%	0
wet chemicals and other solvents	12.50%	1
sputter targets	0.00%	0
gases	0.00%	0
wafers	0.00%	0
CMP slurry	12.50%	1
CMP pads	0.00%	0
ALD/CVD precursors	0.00%	0
equipment components	25.00%	2
packaging materials	12.50%	1
Other (please specify)	37.50%	3
TOTAL		8

Q5: Relating to question 3, what is the issue for the supply chain disruption? (skip if you answered no above)

Answered: 9 Skipped: 13



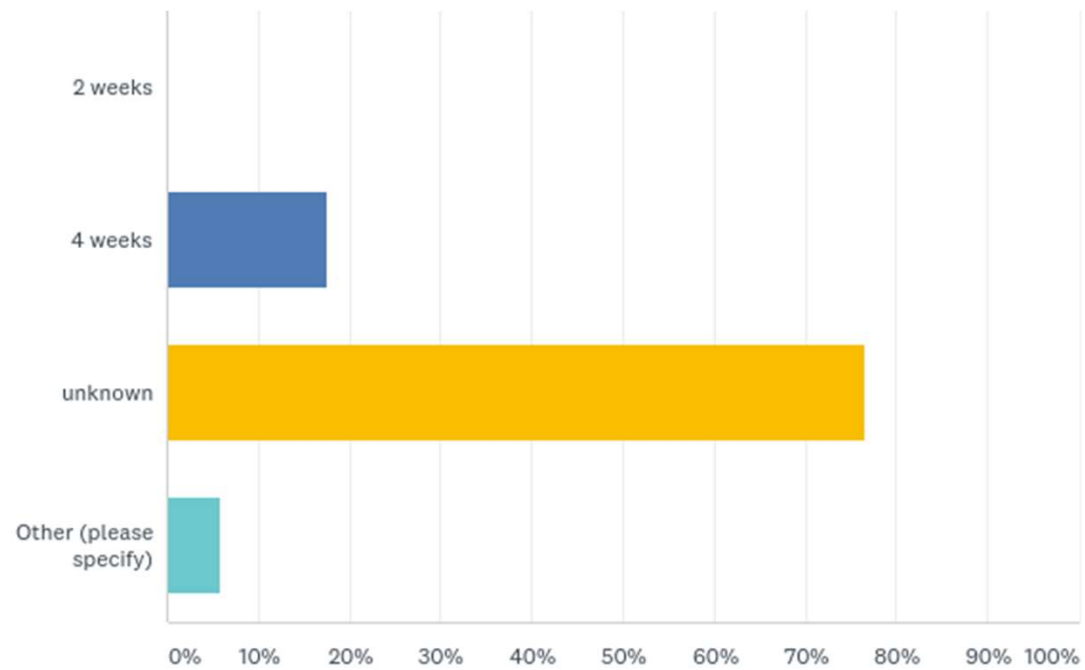
Q5: Relating to question 3, what is the issue for the supply chain disruption? (skip if you answered no above)

Answered: 9 Skipped: 13

ANSWER CHOICES	RESPONSES	
logistics	22.22%	2
delivery/lead times	22.22%	2
production delay	33.33%	3
Other (please specify)	22.22%	2
TOTAL		9

Q6: How long do you think this disruption will impact the supply chain, if any?

Answered: 17 Skipped: 5



Q6: How long do you think this disruption will impact the supply chain, if any?

Answered: 17 Skipped: 5

ANSWER CHOICES	RESPONSES	
2 weeks	0.00%	0
4 weeks	17.65%	3
unknown	76.47%	13
Other (please specify)	5.88%	1
TOTAL		17