Richard Anderson Director, Market Research & Analysis, HDMA HDMA Members Operations Update





Introduction

- Presentation gives the perspective of the commercial vehicle supply sector, both on and off-highway, OE, OES and independent aftermarket
- Data is from the HDMA Pulse October 2020
 Data being collected, report to be published this Friday, October 16th
 Preliminary data shown, 33 responses so far
- Comparisons are made to: HDMA Pulse September 2020 – Part 2

 Published September 25, data collected September 15-24, 40 responses

 HDMA Pulse September 2020

 Published September 11, data collected September 7-10, 30 responses

 HDMA Pulse August 2020 Published August 28, data collected August 24-27, 42 responses
- HDMA and MEMA coverage of COVID-19 can be found a/hdma-member-only-i s://www.mema.org/covid-19-coronavirus-resources-1



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Current Outlook – Q4

What is your current USA & Canada Q4-2020 commercial vehicle business plan compared to Q4-2019?



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Current Outlook – 2020

What is your current USA & Canada 2020 commercial vehicle business plan compared to 2019?







Current Outlook – 2021

What is your current USA & Canada 2021 commercial vehicle business plan compared to 2019?



Supplier Infection Status

Compared to this time last month, what is the level of COVID infections across all your North America staff?





Instant Poll

• What is your expectation for staff infection rates during Q4?

- Significant increase as temperatures drop and holiday gatherings increase 12%
- Slight increase as the quarter progresses, following current national trend 38%
- No meaningful changes 42%
- Slight decrease as prevention steps continue to take hold 9%
- Significant decrease 0%





Supplier Absenteeism Rates What are the approximate absentee rates for your production facilities in the U.S.?

60%			
50% ———		51.52%	
40%			
30%			21.21%
20%			
10%	9.09%		
0% ———	00/		C0/ 100/
	0%	1%-5%	6%-10%
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Supplier Absenteeism Prevention

What steps has your company taken to reduce absentee staff? (select all that apply)

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80%	0%	0%			
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80%	60%			57%	52%
	70%				
90%	80%				
	90%				
100%	100%				

	24%	
		19%
e off for	Attendance based	Transportation
nily	bonuses	assistance/coordination



Supplier Operations – Overall & Production

Please chose the closest answer for your company's current operational level by function or department as compared to start of the year (pre COVID-19 levels).

60%	≈7 weeks ag	go: 78% & 7	78%				
50%							
40%							
30%						9	
20%							
10%						γ_{o}	
0%	3% 3%	0% 0%	3% 3%	0% 0%	0% 0%	0% 0%	
	0-10%	11-20%	21-30% Ov	31-40% erall operation	41-50% al level: 80.8%	51-60% ■ Productio	n
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Supplier Operations – Engineering & R&D Please chose the closest answer for your company's current operational level by function or department as compared to start of the year (pre COVID-19 levels).

60%	≈7 weeks a	go: 81% & 8	30%			
50%						
40%						
30%						0
20%						
10%						X
0%	3% 3%	3% 0%	3% 0%	3% 0%	3% 3%	0% 0%
	0-10%	11-20%	21-30% Engineering	31-40% product suppor	41-50% t: 83.92%	51-60% Research and
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Supplier Operations – Sales & MarComm

Please chose the closest answer for your company's current operational level by function or department as compared to start of the year (pre COVID-19 levels).

50%						
	\approx 7 weeks a	go: 75% & 7	'1%			
45%		<u> </u>				
40%						
35%						
30%						
25%						<u> </u>
20%						
15%						
10%						9%
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0%		0% 0%	0% 0%	0% 0%		
0%0	0 100/	11 200/	21 200/	21 400/		
	0-10%	11-20%	21-30%	31-40%	41-50%	51-60%
			Field sale	s force: 75.479	% Marke	ting and commur



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Supplier Operations

Please chose the closest answer for your company's current operational level by function or department as compared to start of the year (pre COVID-19 levels).

	Supplier mean bu	usiness plan				
	Overall operation	al level				
	Production staff					
	Engineering prod	uct support				
	Research and dev	velopment				
	Field sales force					
	Marketing and co	ommunications				
0%	10%	20%	30%	40%	50%	60%
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Percent of Suppliers Experiencing Delays What percent of your in/outbound materials and semi-finished goods are delayed beyond the usual amount?





Source: HDMA Pulse October 2020

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Supplier Shipping Delays Approximately how long are in/outbound materials and semi-finished materials delayed?





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Supplier Risks

Please choose the most significant three (3) in regards to the challenge they present to restarting normal business operations?





■ Accuracy of production and demand forecasts

■ Raw material and semi-finished goods procurement

Closure mandates of own facilities

□ Customer liquidity

Inbound/outbound shipper availability and cost

■ Labor force readiness and availability



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