

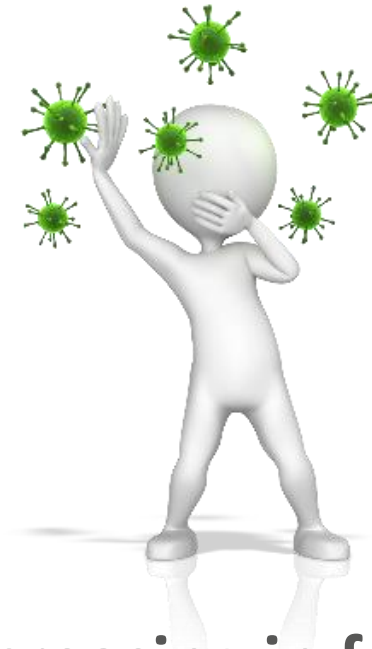


Supply Chain Data Management and Information Sharing: Disruptions Due to the Covid-19 Pandemic

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Introduction: The Global Situation

The Covid-19 pandemic has highlighted the need for improvement in data management, visibility and information sharing.



Global disruptions are increasing in frequency and magnitude.
Knowledge sharing is imperative for the future.

Emerging Trends in Data Management and the Covid-19 Vaccine

- New allocation process for vaccines.
- Focus on collecting, maintaining and analysing data.
- eVIN for real-time information.



Supply Chain Data Management and Information Sharing on Vaccine readiness: Survey Results

Areas most impacted by the pandemic:

51% - procurement

46% - supply chain planning

46% - distribution

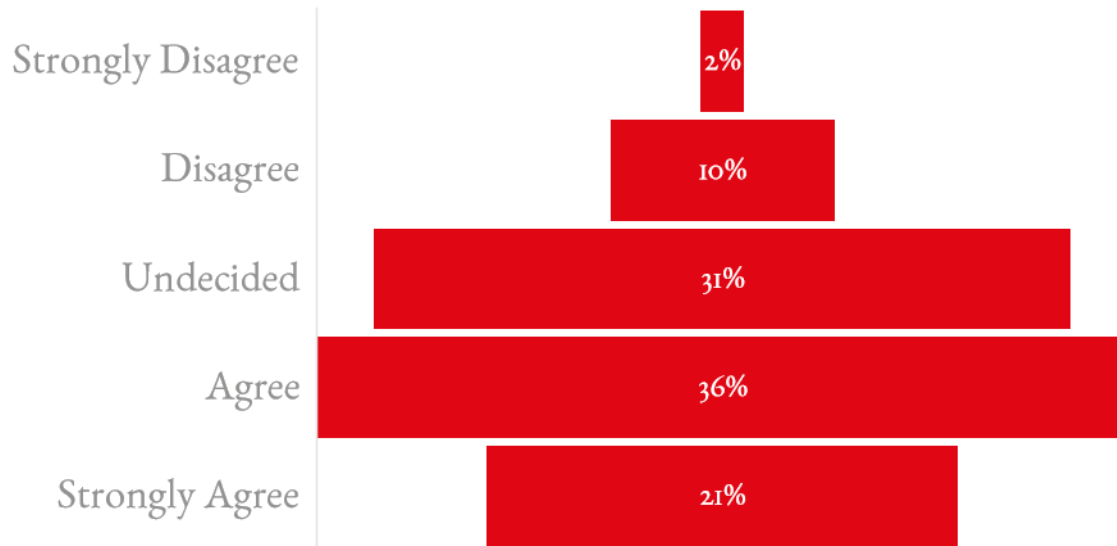
20.51% - data and information management.



Supply Chain Data Management and Information Sharing on Vaccine readiness: Survey

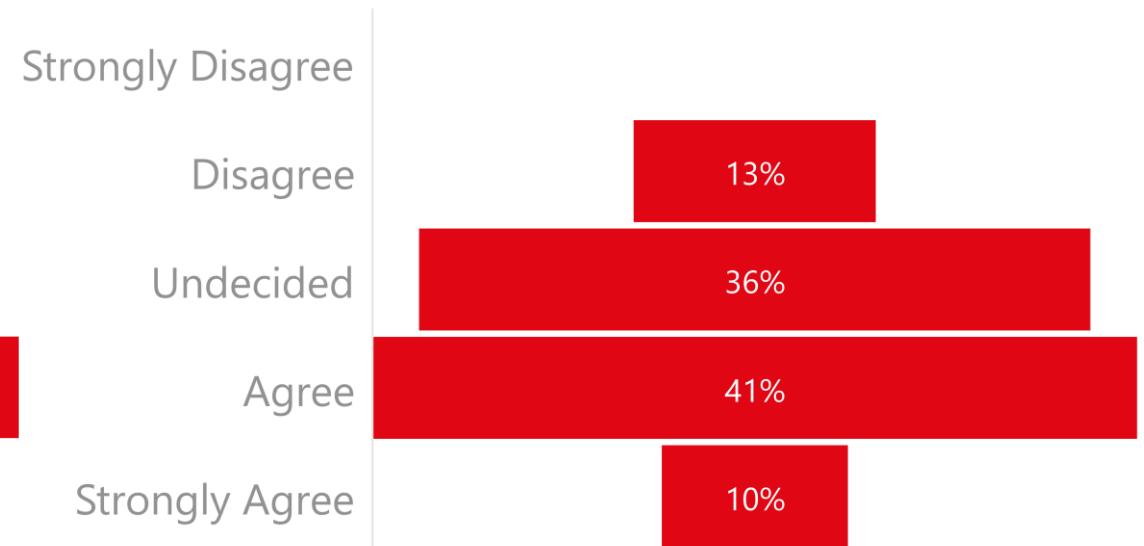
Information management Results

The Logistics Management Information Systems (LMIS) effectively support vaccine-needs forecasting



Communication

Communication and reporting channels are clearly defined



Supply Chain Data Management and Information Sharing: Interview results of private sector in Nigeria

Disruptions	Communication challenges	Supply chain activities	Organisational initiatives
Restrictions on staff	Network connectivity	Stock status reporting	IT Support
Institutionalized internet	IT skills	Data quality checks	Internet connectivity
Internet connectivity			Online meetings

Supply Chain Data Management and Information Sharing: Interview results of public sector in Nigeria

Disruptions	Communication challenges	Supply chain activities	Organisational initiatives
Poor network and internet availability	Unstable networks	Virtual meetings	Optimization of M-Supply, PowerBi and the SMS platform
Human resource gaps	Participation difficulties	Integration of Telegram	Information sharing through digital channels
Behavioral change - low patient turn out	Lower commitment	Improved supervision structures	Desk Officers
	Slow hard copy response	Improved collaboration	Mentors trained on digital platforms
		Complementing existing reporting structure with other systems	Telegram

Conclusion

- The pandemic demands the highest quality data, delivered at speed and in considerable volumes.
- Social distancing is redefining the data distribution strategy.
- The focus for digital transformation will likely shift from market domination to basic survival.
- Businesses and supply networks with cloud-centric data strategies will be in a stronger position.
- A revamped distributed data architecture embracing extensive data virtualization, will be needed to address these challenges.

Thank you for listening

