

TO STUDY THE UPCOMING TRENDS IN SUPPLY CHAIN MANAGEMENT & HOW IT IS SHAPING THE FUTURE OF SCM

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PURPOSE OF STUDY

- The purpose of SCM is to make inventory readily available in customer facing positions to fulfill demand. The fresh produce business adage “you can’t sell from an empty wagon” highlights this fundamental purpose of supply chain management.
- The primary purpose of the supply chain is to fulfill demand, drive customer value, improve responsiveness, facilitate financial success and build a good network. Most primary goals of efficient supply chain management should be – faster delivery, Higher efficiency, and an accelerated cash flow.
- Keep up with demand - Supply and demand sometimes fluctuate in counter-intuitive ways, but improved data analysis and communication between suppliers, producers, and sellers can reduce the chance of your supply hitting a bottleneck.
- Also to study the new trends which is shaping & making the SCM more efficient & easier.

OBJECTIVE -

- To understand & study the supply chain management trends on going.
- To understand the strategies shaping future of SCM.
- To gain insights about the trends involved in the distribution and supply of pharmaceutical products through studying the steps taken by supply chain leaders.



RESEARCH METHODOLOGY -

- **Type of research:** Exploratory & Descriptive Research
- **Sources of Data Collection:** - This research work will be based on both primary as well as secondary data.

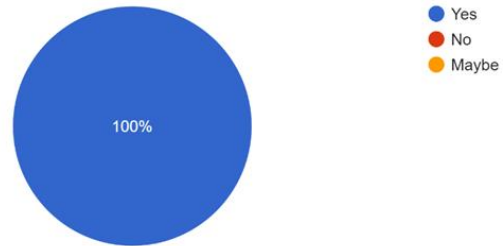
- **Primary data** will be gathered through a questionnaire and personal interactions with company employees or supply chain employees.
- **Secondary data** will be collected by: - Journals, Research papers and companies prospective etc
- **Sample method** – Convenient sampling
- **Sample Size** – 100
- **Data Analysis** – The analysis of data in this study will be done by statistical tools which are simple such as percentage, frequencies, average etc will be in use as needed in required data.
- **Study Location** – Maharashtra State



RESULT & DISCUSSION - THE BELOW RESPONSES WERE TAKEN FROM SOME RANDOM SUPPLY CHAIN EMPLOYEE & ALSO FROM SUPPLY CHAIN MANAGERS FOR BETTER UNDERSTANDING OF THE FUTURE & CHALLENGES FACED BY SUPPLY CHAINS AND HOW THEY ARE UPGRADING FORWARD FOR SMOOTH & EASIER MANAGEMENT OF THE CHAINS.

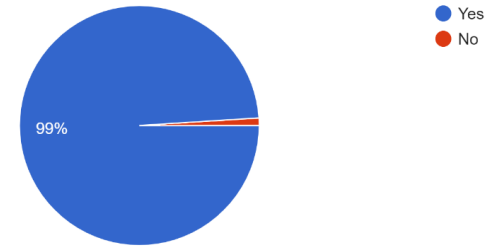
IN THIS STUDY, 100% RESPONDENTS KNOW ABOUT THE PHARMACEUTICAL SUPPLY CHAIN.

Have you heard about Pharmaceutical Supply Chain
99 responses



STUDY SHOWS THAT 99% RESPONDENTS AGREES THAT SUPPLY CHAIN CONTRIBUTES THE BOTTOM LINE OF YOUR COMPANY.

Have you ever think that supply chain contributes the bottom line of your company?
99 responses

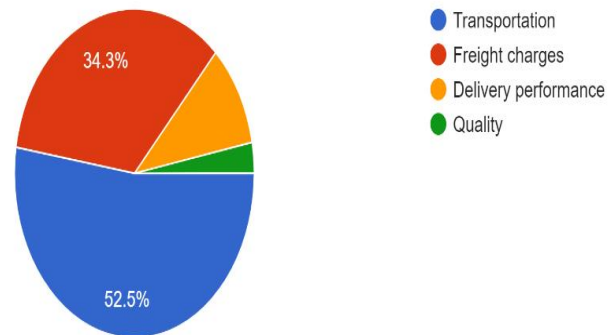


STUDY TELLS THAT 52.5% RESPONDENTS FACES
ISSUE ON TRANSPORTATION, 34.3% RESPONDENTS
SAY FREIGHT CHARGES IS MAJOR ISSUE, 10.1%
RESPONDENT SAY THAT DELIVERY PERFORMANCE
LACKS IN SUPPLY CHAIN, AND ONLY 3.1% SAYS
QUALITY IS A CHALLENGE.

STUDY SHOWS THAT 96% RESPONDENTS HAVE
TAKEN MAJORS TO REDUCE THE CHALLENGES THAT
ARE FACED IN SUPPLY CHAIN.

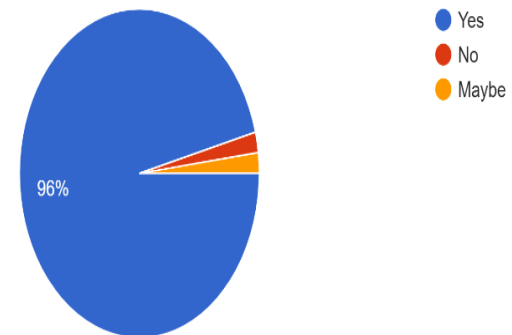
Which is the biggest challenge you face in Supply Chains?

99 responses



Have you taken any efforts to minimize the challenges you face?

99 responses

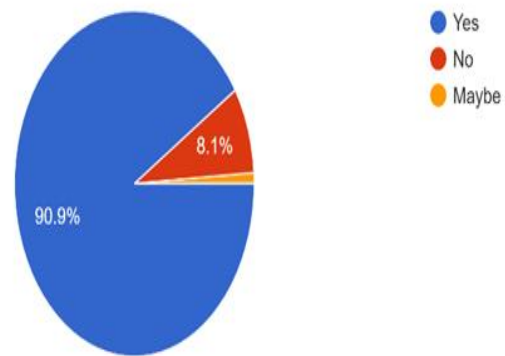


STUDY TELLS THAT 90.9% ARE APPLYING NEW TECHNIQUES WHEREAS 8.1% SAYS STILL THERE IS NO PROGRESS IN UPGRADATION.

STUDY SAYS 69.7% TOLD DIGITIZATION IS BEING APPLIED, 21.2% SAYS AUTOMATION IS STEP BY STEP IMPLEMENTED, 8.1% TOLD THAT ARTIFICIAL INTELLIGENCE IS BEING APPLIED, REMAINING 1% USES CUSTOM TECHNIQUES.

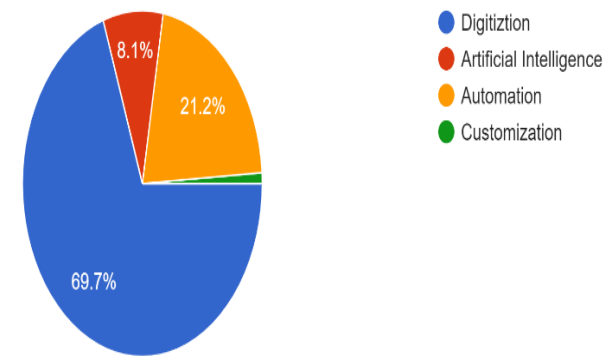
Is new technologies arriving for supply chain is upgrading your company?

99 responses



Which new trending technique is implemented in your supply chain?

99 responses

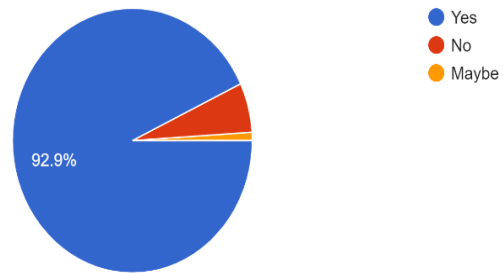


STUDY SHOWS 92.9% RESPONDENTS SAID THAT DIGITIZATION HAS HELPED THEM TO MAINTAIN THE COMPANY DATA MORE PRECISELY & ACCURATELY.

STUDY TELLS THAT 55.6% RESPONDENTS SAID TRACKING IS USEFUL THROUGH INTERNET, WHEREAS 38.4% RESPONDENTS SAY THERE IS NO PROPER TRACKING THROUGH LOGISTICS SYSTEM.

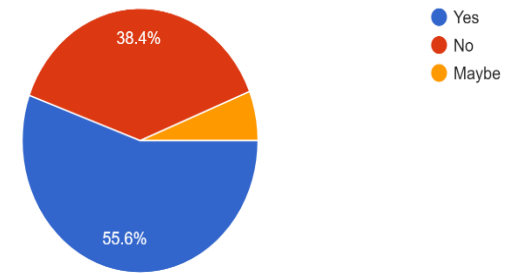
Have digitization helped to maintain data more accurately?

99 responses



Have Internet of Things (IoT) working appropriately to track the shipment?

99 responses

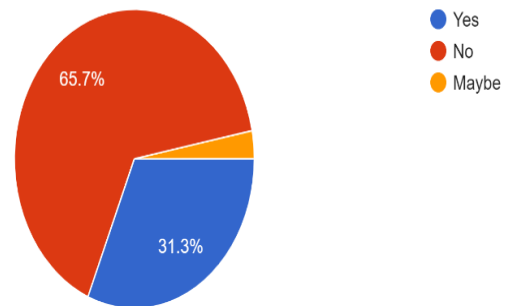


IN THIS STUDY, 65.7% RESPONDENTS SAID THAT AI IS BEING IMPLEMENTED FOR MAKE TASK EASIER, 31.3% RESPONDENTS SAY THAT STILL THERE IS NO INCORPORATION OF THE AI IN THEIR SUPPLY CHAIN UNITS.

STUDY TELLS THAT ALMOST 97% RESPONDENTS SAY VISIBILITY IS UTMOST IMPORTANT TO MAINTAIN PROPER SUPPLY CHAIN FUNCTIONING.

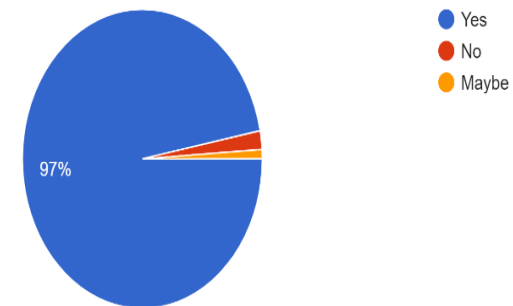
Is Artificial Intelligence (AI) incorporated for complex tasks?

99 responses



Is Visibility important across the chains?

99 responses

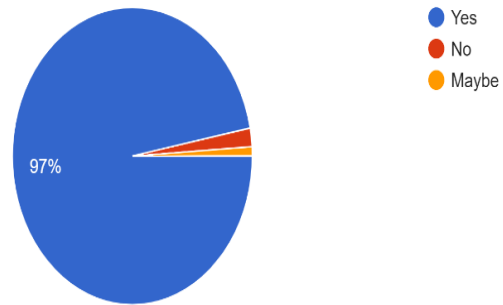


STUDY SHOWS THAT 97% OF RESPONDENTS SAY
AGILITY IS MORE IMPORTANT IN SUPPLY CHAINS.

STUDY SHOWS 98% OF RESPONDENTS SAY THAT
BUILDING TRUST BETWEEN EMPLOYEES,
MANAGERS & SUPPLIERS IS ALWAYS NECESSARY
FOR SMOOTH FUNCTIONING OF SUPPLY CHAINS.

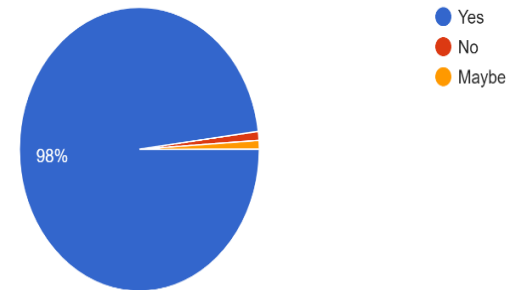
Have you thought that agility in supply chains are important?

99 responses



Trust build between employees , managers & suppliers is necessary for proper functioning of
supply chains?

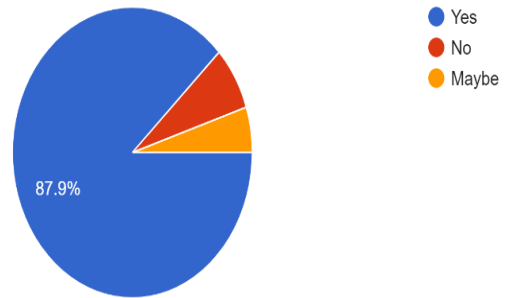
99 responses



STUDY SHOWS THAT 87.9% OF RESPONDENTS HAVE SEEN NORMAL FUNCTIONING OF SUPPLY CHAIN, WHEREAS REMAINING SAY THAT STILL THEY ARE STRUGGLING FOR NORMAL ROUTINE.

After Covid has normal routine started at your supply chain ?

99 responses



CONCLUSION –

Through the above conducted study we can conclude that most of the provide chain employees know about pharmaceutical supply chain & has proper knowledge about challenges faced by individual supply chain & has also taken major to reduce or work upon the issues about transportation, freight charges & delivery performance. New technologies like digitization, automation & Artificial Intelligence has been incorporated in supply chain for time saving & making the task easier.

Digitalization has made keeping the data more precisely & accurately & automation has made process easier for fastest delivery. Also, Internet of Things (IoT) has made more specific live tracking of shipment sent to the location but some say that tracking is having lag for some parts the reason is still unknow. Only 30% people say that Artificial Intelligence are being in trials at their supply chain as its new technique & still not used by many supply chains.

By study we got to know that Visibility & Agility are seem to be most important an integral part for supply chain for proper functioning. Almost all working employees, managers say that Trust is important for making good relations with company for maintaining the business.



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