

# BioPharma Packaging Industry Survey

2016



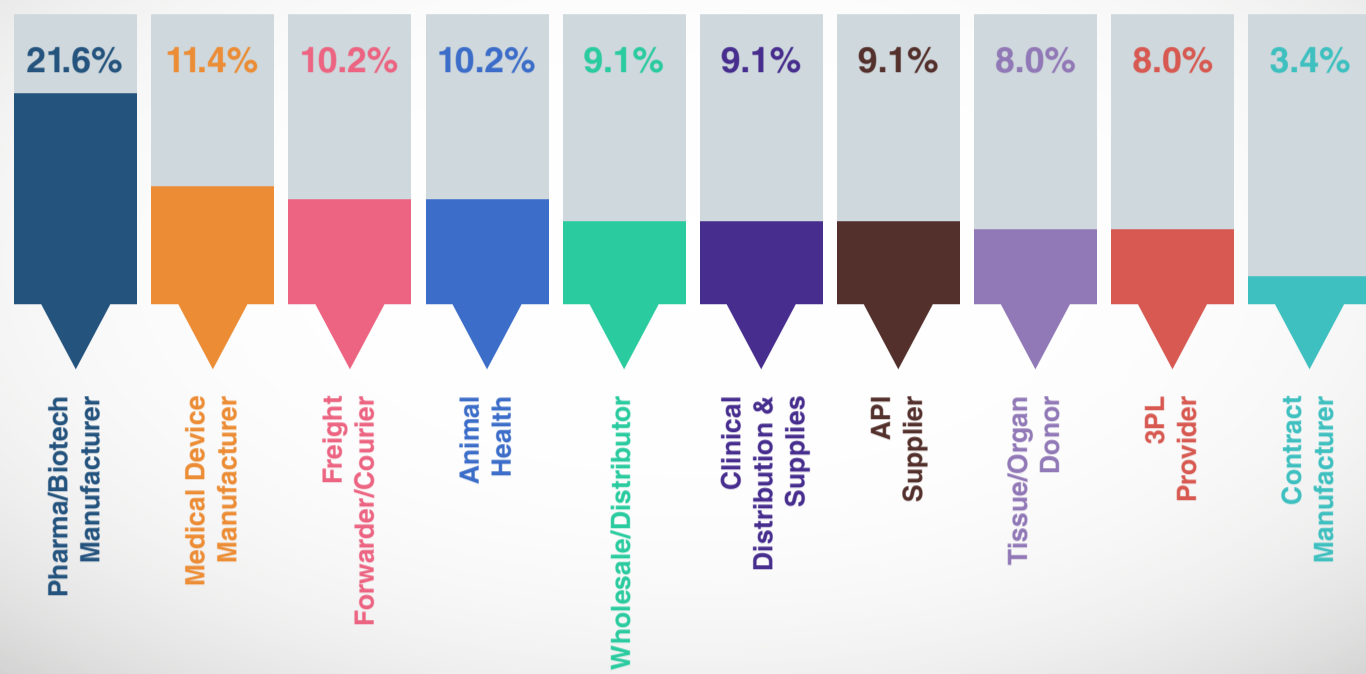
**Cold Chain Technologies (CCT) and CoolPack.com** conducted a survey of over 100+ biopharma decision makers in a concerted effort to benchmark the best practice methods used by leading biopharmaceutical companies around the world.

We would like to thank all of the professionals who participated in the survey.

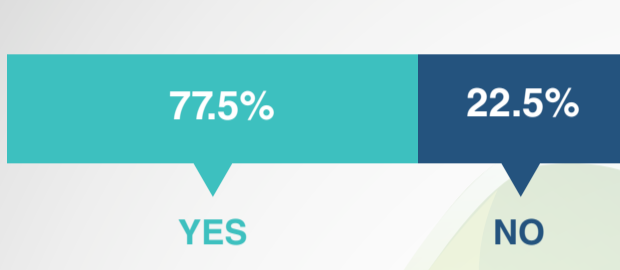
For more information, please contact us at [info@coldchaintech.com](mailto:info@coldchaintech.com).



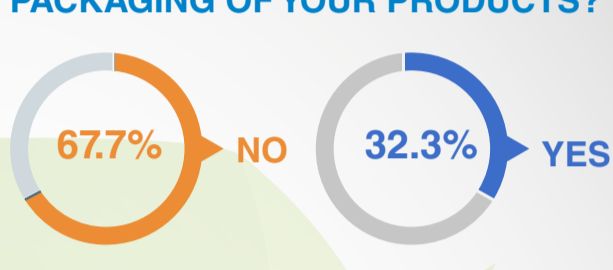
## RESPONDENT CATEGORIES



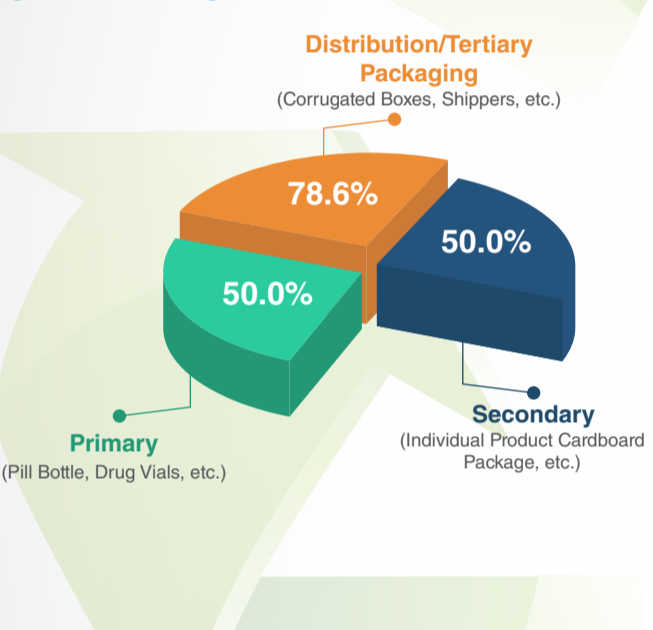
### DOES YOUR TEAM HAVE A DEDICATED PACKAGING ENGINEERING TEAM?



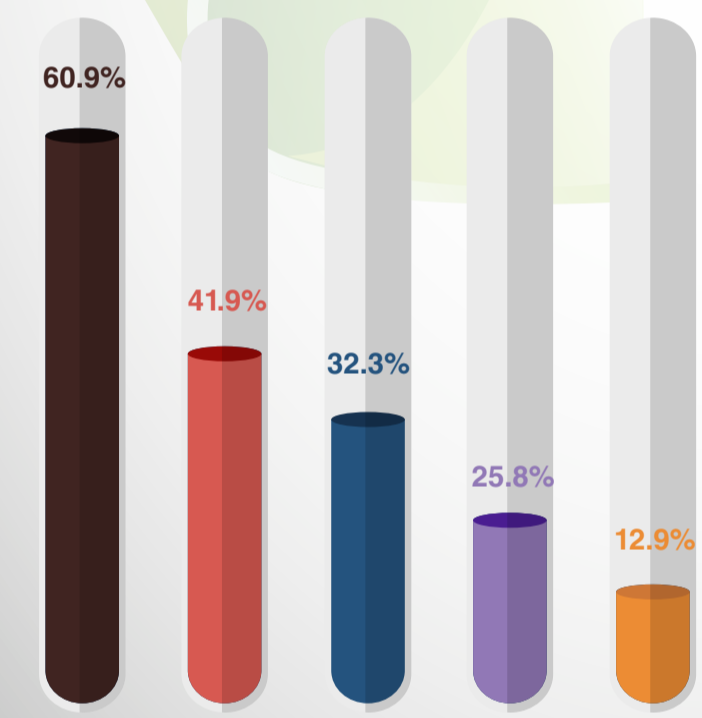
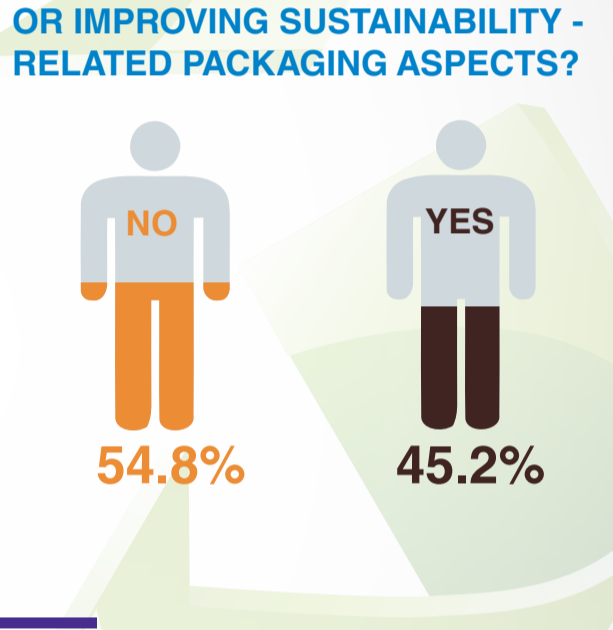
### DOES YOUR COMPANY HAVE A FORMAL, INTERNALLY PUBLISHED SET OF CRITERIA FOR SUSTAINABLE PACKAGING OF YOUR PRODUCTS?



### WHICH TYPE(S) OF PACKAGING YOU HAVE SUSTAINABILITY CRITERIA FOR?



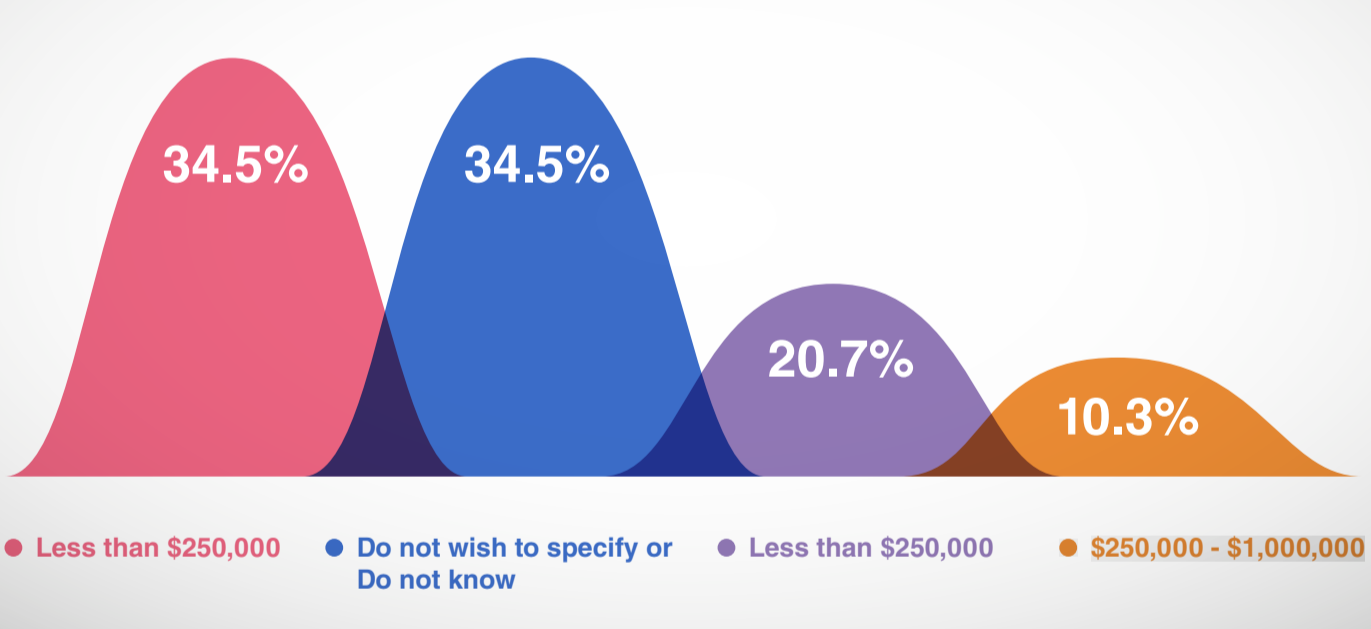
### DOES YOUR COMPANY HAVE ONE OR MORE PEOPLE WITH SPECIFIC RESPONSIBILITY FOR DEVELOPING OR IMPROVING SUSTAINABILITY - RELATED PACKAGING ASPECTS?



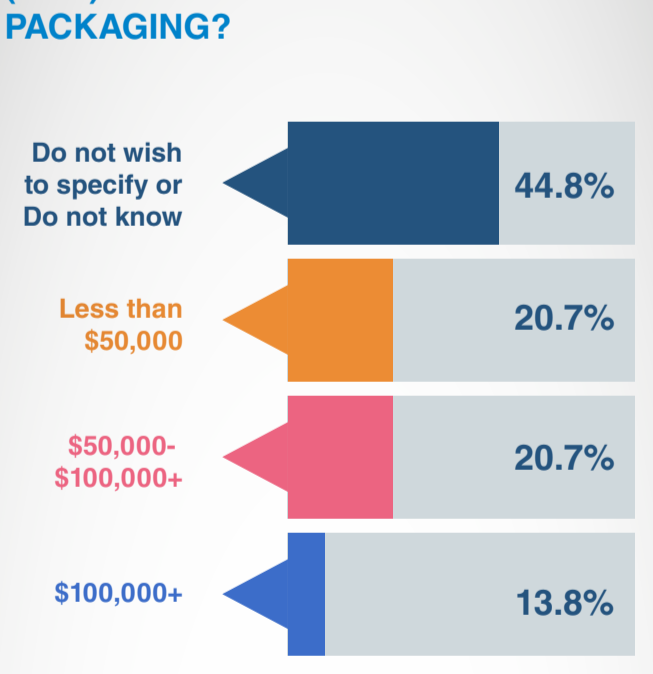
### WHAT TYPES OF INITIATIVES HAS YOUR COMPANY UNDERTAKEN TO IMPROVE THE SUSTAINABILITY OF YOUR PRIMARY, SECONDARY, AND/OR DISTRIBUTION PACKAGING?

- Optimizing space utilization - avoiding over-sized packaging, etc.
- Lightweighting - reducing size and/or weight of packaging materials
- Alternative materials - choosing lower-impact materials such as recycled content or other lower-impact materials
- Other
  - Custom packaging and cold packaging solutions
  - Material selection, material environment impact, etc.
  - Reusable Passive Protection
  - User-friendly
- Ensuring responsible sourcing, such as using Forest Stewardship Council certified products, etc.

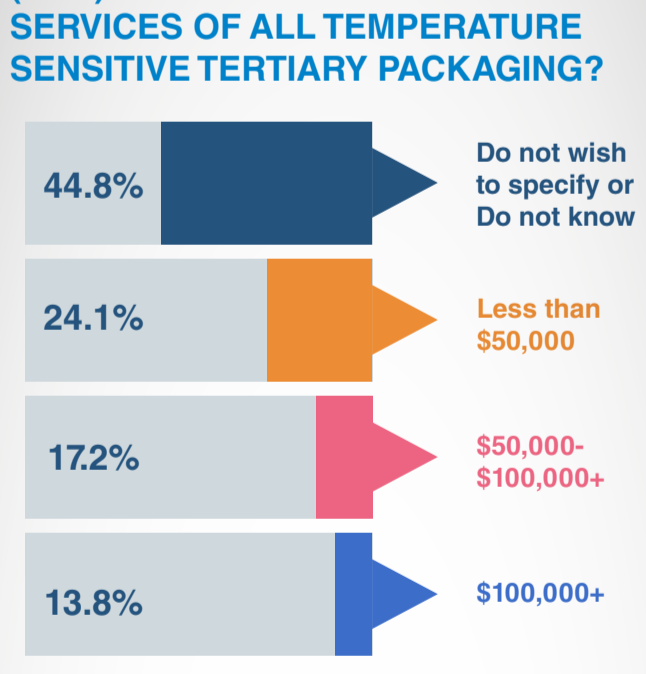
### WHAT DO YOU SPEND ANNUALLY (USD) ON DISTRIBUTION OF ALL (TERTIARY) PACKAGING?



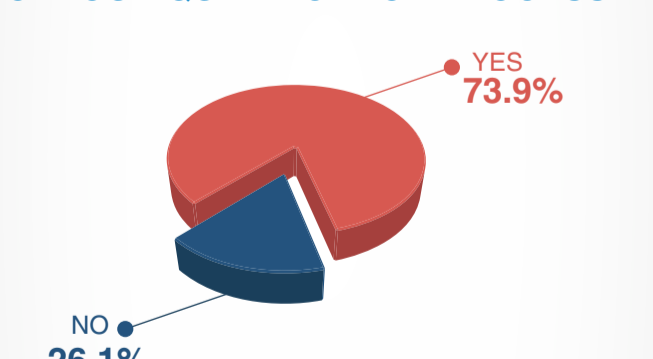
### WHAT IS YOUR ANNUAL BUDGET (USD) FOR TESTING OF ALL TERTIARY PACKAGING?



### WHAT IS YOUR ANNUAL BUDGET (USD) FOR TESTING AND OTHER SERVICES OF ALL TEMPERATURE SENSITIVE TERTIARY PACKAGING?



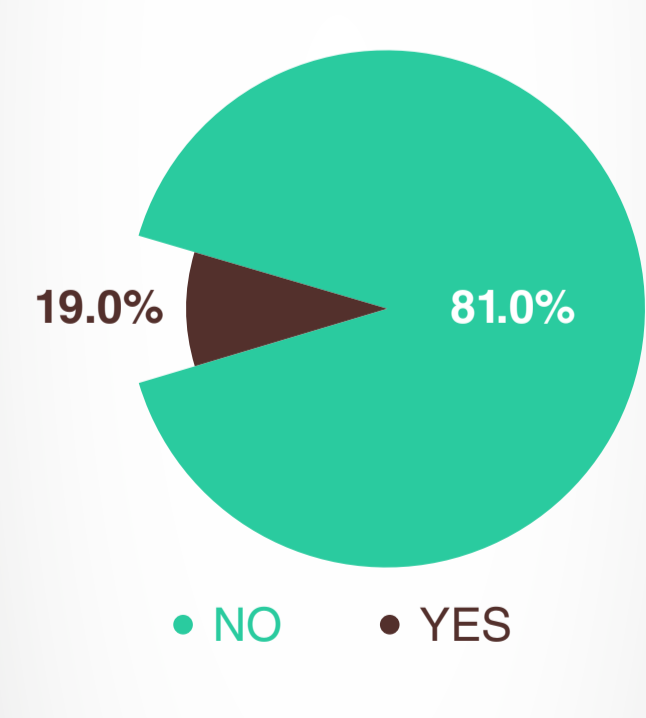
### DO YOU PERFORM A PERFORMANCE QUALIFICATION (PQ) STUDY AS PART OF YOUR QUALIFICATION PROCESS?



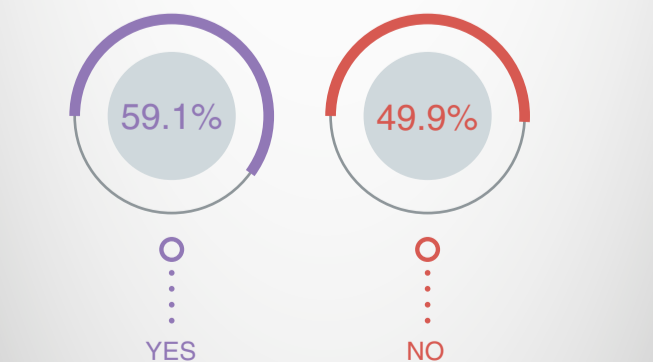
### IF YES, IS IT LANE SPECIFIC?



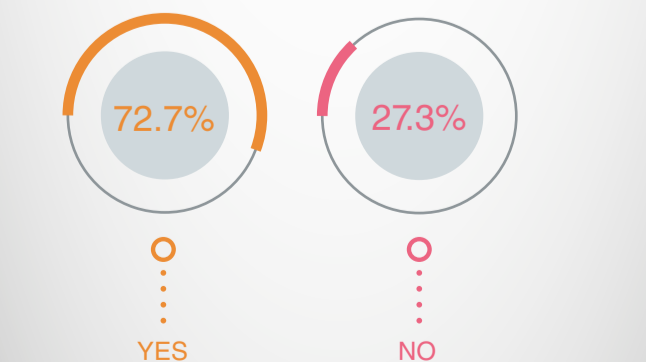
### DO YOU RE-QUALIFY YOUR SHIPPING SOLUTIONS AFTER INITIAL RELEASE?



### DO YOU TEMPERATURE MONITOR YOUR DOMESTIC COMMERCIAL PRODUCT SHIPMENTS?



### DO YOU TEMPERATURE MONITOR YOUR INTERNATIONAL COMMERCIAL PRODUCT SHIPMENTS?



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