U.S. COLD CHAIN DISTRIBUTION: CHALLENGES AND OPPORTUNITIES

Cold chain and temperature-sensitive products will see remarkable growth over the next five years. While moving novel COVID-19 therapies showed the strength and resiliency of cold chain management in the U.S. supply chain, future success will depend on significant stakeholder coordination; investments in packaging, monitoring and workforce capacity; and other industry enhancements to help ensure the continued safe and effective distribution of these highly specialized, lifesaving medications to patients.

TODAY'S TOP CHALLENGES

Shipping Lane Exceptions

Cost & Quality Decisions

Cold Chain Workforce

TOMORROW'S OPPORTUNITIES

Consistency

Sustainability

INCREASING DEMAND FOR PRODUCTS

Refrigerated (2 to 8 °C)	+8% 个
Frozen (-20 to -40 °C)	+17% 个
Cryogenic (-150 to -190 °C)	+39% 个

These percentages represent expected market growth rate.

SIX CALLS TO ACTION



For more information, download the HDA Research Foundation report, The Future of the U.S. Pharmaceutical Cold Chain Distribution, at <u>HDA.org/publications</u>.



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