Downshift:

Latest Global and Regional Logistics Costs and Third-Party Logistics Market Trends and Outlook

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Phone: +1-800-525-3915 Website: www.3PLogistics.com Email: Armstrong@3PLogistics.com

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Armstrong & Associates, Inc. (A&A) was established in 1980 to meet the needs of a newly deregulated domestic transportation market. Since then, through its leading Third-Party Logistics (3PL) market research and history of helping companies outsource logistics functions, A&A has become an internationally recognized key resource for 3PL market information and consulting.

A&A's mission is to have leading proprietary supply chain knowledge and market research not available anywhere else. As proof of our continued work in supporting our mission, A&A's 3PL market research is frequently cited in media articles, publications, and securities filings by publicly traded 3PLs. In addition, A&A's email newsletter currently has over 88,000 subscribers globally.

A&A's market research complements its consulting activities by providing continually updated data for analysis. Based upon its unsurpassed knowledge of the 3PL market and the operations of leading 3PLs, A&A has provided strategic planning consulting services to over 40 3PLs, supported 24 closed investment transactions, and provided advice to numerous companies looking to benchmark existing 3PL operations or outsource logistics functions.

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Overview

Third-party Logistics (3PL) Market revenues are higher in larger developed countries with longstanding transportation and warehouse contracting practices. Markets in developing countries are growing at faster rates but have lower total 3PL revenues. The numbers reflect the greater outsourcing of functions to third-party logistics providers (3PLs) in developed and more economically sophisticated countries, while much of the rapid growth is being seen in developing countries.

Figure 1. Shanghai (Export) Containerized Freight Index¹

² Shanghai Shipping Exchange website January 2, 2023, https://en.sse.net.cn/indices/scfisnew.jsp

----- OVERVIEW

Figure 2. Global Logistics Costs & 3PL Global Revenues 2016-2025E (US\$ Billions)

Figure 3. 2021 Global Logistics Costs by Mode or Function (US\$ Billions)

Figure 4. 2021 Global Logistics Costs by Key Regions & Countries (US\$ Billions)

- OVERVIEW

Figure 5. 3PL Gross Revenue Compound Annual Growth Rates by Key Regions & Countries

COVID-19 put extra emphasis on supply chain management

Segmentation of Global 3PL Market

Figure 6. The Major 3PL Market Segments

 Table 1. 3PL Segment Gross Revenue Growth by Key Regions & Countries (US\$ Billions)

3PL is a very fragmented, underpenetrated market with significant growth opportunities

Top 50 Global 3PLs by Gross Logistics Revenue

Table 2. Top 50 Global 3PLs by Gross Logistics Revenue

3PL Competitive Differentiation

Vertical Industry Expertise

Process Design/Continuous Improvement

Value-Added Services

People (Human Resources)

Major Trends and Changing 3PL Requirements

E-Commerce and Omnichannel Retail

Digitalization, Robotics and Artificial Intelligence

Big Data, Metrics and Performance Measurement

Blockchain

3D Printing

Global Spare/Service Parts Logistics

Figure 7. Global SPL 3PL Revenue (US\$ Billions)

Figure 8. 2021 Global SPL 3PL Revenue by Major Vertical (US\$ Billions)

 Table 3. SPL 3PL Revenue Growth by Key Regions & Countries (US\$ Millions)

Global Time-Critical Delivery Market

Figure 9. Global Time-Critical Delivery Market (US\$ Billions)

Figure 10. Time-Critical Delivery Market by Key Regions & Countries (US\$ Millions)

Market Research

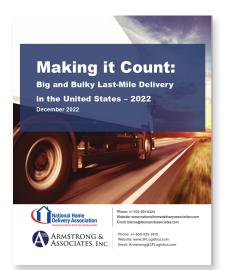
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Expert Information Service: A&A's premium market research and online 3PL guide.

Expert Information Service (E.I.S.)

Our premium market research and analysis offering includes access to our most popular 3PL market research reports and a subscription to our leading 3PL guide, <u>Who's Who in</u> <u>Logistics Online</u>. Discounted phone consulting is available.



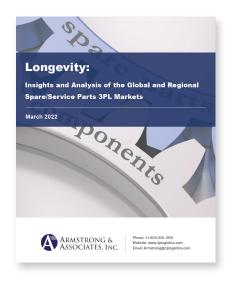
Making it Count: Big and Bulky Last-Mile Delivery in the U.S. -2022

The National Home Delivery Association (NHDA) and Armstrong & Associates, Inc. (A&A) partnered for this study covering the Third-Party Logistics (3PL) Big and Bulky U.S. Last-Mile Delivery Market to identify current market size, historical growth and outlook, key providers, customers and verticals served, e-commerce's role, employment, and other trends. For the study, we utilized two separate surveys and public information. The surveys were sent to NHDA members and other U.S. last-mile delivery third-party logistics providers (3PLs).



Longevity: Insights and Analysis of the Global and Regional SPL 3PL Markets

This report covers the global spare/ service parts (SPL) third-party logistics (3PL) market, the major regions and vertical industries being served by 3PLs, and provides the SPL capabilities, services, markets, and industries served, supporting technology, customers, and case studies of 12 leading and niche SPL third-party logistics providers (3PLs). Detailed 3PL SPL market segmentations and sizes are provided for key regions and countries for years 2016-2023E and for major vertical industries globally and within regions.



A Roaring 2021: Demand Drives 3PLs to the Best Growth and M&A Year on Record

This definitive analysis explores the latest trends in the third-party logistics industry and its major segments. 2021 results and estimates for 2022 are included, and historical trends and growth by 3PL segment are detailed. A&A's latest Global 3PL market estimates, covering seven major regions comprising 190 countries, are provided within. Total and segment 3PL revenues and logistics spend by country and region are included. The report also contains A&A's lists of the Top 50 Global 3PLs, Top 50 U.S. 3PLs and Top 25 Global Freight Forwarders for 2021.