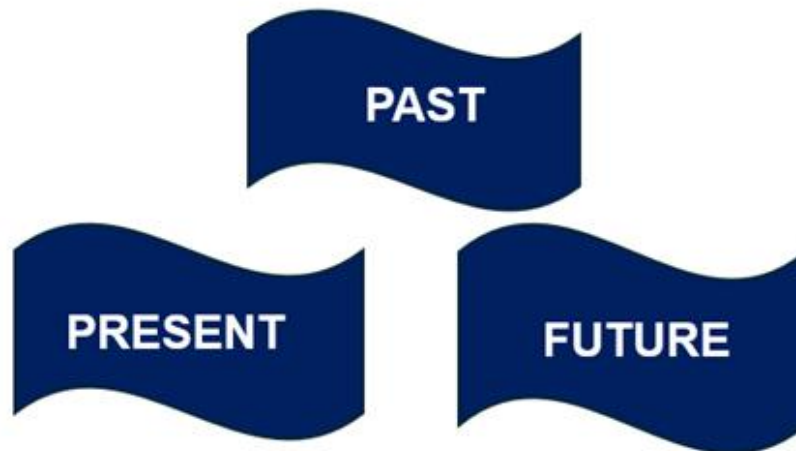


World Connector Market Handbook

Research Report M-700-25
March 2025





Copyright Protected

Report M-700-25 **World Connector Market Handbook** is a copyright publication of Bishop & Associates Inc. No part of this publication may be reproduced or transmitted in any form or by any electronic or mechanical means including information storage and retrieval system without the express written consent of Bishop & Associates, Inc.



1209 Fox Glen Drive
St. Charles, IL 60174
Phone: 630.443.2702
E-mail: bishop@bishopinc.com
www.connectorindustry.com

What's New ?

Bishop & Associates has recently completed several new research reports about the worldwide connector industry. A table of contents for each report can be found at <https://bishop-research.com>.

- ❑ **Report M-700-25** **World Connector Market Handbook (March 2025) NEW**
- ❑ **Report C-150-24** **History of M&A in the Connector Industry 1950-2024 (October 2024) NEW**
- ❑ **Report M-121-24** **2024 Top 100 Connector Manufacturers (August 2024) NEW**
- ❑ **Report P-520-24** **The Rectangular Input/Output Connector Market 2024 (July 2024) NEW**
- ❑ **Report F-2024-01** **Connector Industry Forecast (June 2024) NEW**
- ❑ **Report C-122-24** **Connector Industry Yearbook (June 2024) NEW**
- ❑ **Report P-799-24** **World Cable Assembly Market (February 2024)**
- ❑ **Report P-606-23** **Connector Types and Technologies Poised for Growth (October 2023)**
- ❑ **Report M-720-23** **European Connector Market 2021, 2022, 2023F and 2028F (June 2023)**
- ❑ **Report P-430-23** **World Circular Connector Market 2023 (May 2023)**
- ❑ **Report P-780-23** **World RF Coax Connector Market (January 2023)**
- ❑ **Report M-1200-22** **Military Ground Vehicle Market for Connectors (October 2022)**
- ❑ **Report P-675-22** **Copper and Fiber Connectivity in the Data Center (July 2022)**
- ❑ **Report T-800-22** **2022 North American Cable Assembly Manufacturers (May 2022)**
- ❑ **Report M-1010-22** **World Automotive Connector Market (April 2022)**
- ❑ **Report P-420-22** **IC Sockets – Systems & Connector Forecast 2020-2030 (January 2022)**
- ❑ **Report M-310-21** **Instrumentation Market for Connectors (June 2021)**
- ❑ **Report P-410-21** **Computer Server Market Trends and Connector Use 2020 – 2030 (May 2021)**

THE BISHOP REPORT - CONNECTOR INDUSTRY YEARBOOK

An annual corporate subscription to [**THE BISHOP REPORT**](#) (12 issues) is available for \$2,950, which includes an unlimited number of subscribers and one PDF version of the **Connector Industry Yearbook** report (normally \$1,500). **The Bishop Report** subscription includes access, through Bishopinc.com, to prior issues of The Bishop Report, 30-40 yearly News Briefs, Industry Financial Benchmarks, and various connector industry indices.

[Click here](#) to view the expanded report description, and complete table of contents, for all Bishop & Associates' research reports.



1209 Fox Glen Drive • St. Charles, IL 60174
Phone: 630.443.2702 • bishop@bishopinc.com • Bishopinc.com
Online Ordering: <https://bishop-research.com>



TABLE OF CONTENTS

Table of Contents

Chapter 1 - Analysis of The World Electronic Connector Market

World Connector Market by Region	1-1
World Connector Market Year-Over-Year Growth 1981 – 2025F	1-1
What Happened in 2024 by Region?	1-2
North America	1-2
North American Market Year-to-Year Growth 1981-2025F	1-2
Europe	1-2
European Market Year-to-Year Growth 1981-2025F	1-2
Japan	1-3
Japanese Market Year-to-Year Growth 1981-2025F	1-3
China	1-3
Chinese Market Year-to-Year Growth 1981-2025F	1-3
Asia Pacific	1-4
Asia Pacific Market Year-to-Year Growth 1981-2025F	1-4
ROW	1-4
ROW Market Year-to-Year Growth 1981-2025F	1-4
Regional Summary	1-5
Regional Growth Rates	1-5
Worldwide Connector Market by Region 2015-2025F	1-7
Worldwide Connector Market by Region - 2030 Forecast & Five Year CAGR	1-9
2025F/2030F Connector Five-Year CAGR	1-9
Worldwide Connector Market by Region - Percent of Total by Year & Region	1-10
World Connector Market - Geographic Regions - Percent of Total Sales	1-11
2024 and 2025F Connector Sales by Region	1-12
2025F and 2030F Connector Sales by Region	1-12
End-Use Equipment Sectors	1-13
World Connector Market by Equipment Sector	1-13
World Connector Market - Top Five Equipment Sectors - 2024	1-13
Worldwide Connector Market by End-Use Equipment 2015 – 2025F	1-14
Worldwide Connector Market by End-Use Equipment - 2030 Forecast & Five Year CAGR	1-16
2025F/2030F Connector Five-Year CAGR - Ranked by Growth	1-16
Worldwide Connector Market by End-Use Equipment - Percent of Total by Year & Equipment Sector	1-17
World Connector Market - Top Five End-Use Equipment Sectors - Percent of Total Sales	1-18
2015 Worldwide Connector Market by End-Use Equipment	1-19
2016 Worldwide Connector Market by End-Use Equipment	1-20
2017 Worldwide Connector Market by End-Use Equipment	1-21
2018 Worldwide Connector Market by End-Use Equipment	1-22
2019 Worldwide Connector Market by End-Use Equipment	1-23
2020 Worldwide Connector Market by End-Use Equipment	1-24
2021 Worldwide Connector Market by End-Use Equipment	1-25
2022 Worldwide Connector Market by End-Use Equipment	1-26
2023 Worldwide Connector Market by End-Use Equipment	1-27
2024 Worldwide Connector Market by End-Use Equipment	1-28
2025F Worldwide Connector Market by End-Use Equipment	1-29
2030F Worldwide Connector Market by End-Use Equipment	1-30
Product Categories	1-31
World Connector Market by Product Category	1-31

Chapter 1 - Analysis of the World Electronic Connector Market (continued)

World Connector Market - Top Five Product Categories - 2024.....	1-31
Worldwide Connector Market by Product Category 2015 - 2025F	1-32
Worldwide Connector Market by Product Category - 2030 Forecast & Five Year CAGR	1-34
2025F/2030FConnector Five-Year CAGR - Ranked by Percent Growth	1-34
Worldwide Connector Market by Product Category - Percent of Total by Year & Product Category	1-35
World Connector Market - Top Five Product Categories - Percent of Total Sales	1-36
2015 Worldwide Connector Market by Product Category.....	1-37
2016 Worldwide Connector Market by Product Category.....	1-38
2017 Worldwide Connector Market by Product Category.....	1-39
2018 Worldwide Connector Market by Product Category.....	1-40
2019 Worldwide Connector Market by Product Category.....	1-41
2020 Worldwide Connector Market by Product Category.....	1-42
2021 Worldwide Connector Market by Product Category.....	1-43
2022 Worldwide Connector Market by Product Category.....	1-44
2023 Worldwide Connector Market by Product Category.....	1-45
2024 Worldwide Connector Market by Product Category.....	1-46
2025F Worldwide Connector Market by Product Category	1-47
2030F Worldwide Connector Market by Product Category	1-48
2015 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-49
2016 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-50
2017 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-51
2018 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-52
2019 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-53
2020 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-54
2021 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-55
2022 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-56
2023 Worldwide Connector Market - Product Category / End-Use Equipment Matrix	1-57
2024 Worldwide Connector Market – Product Category/ End-Use Equipment Matrix	1-58
2025F Worldwide Connector Market – Product Category/ End-Use Equipment Matrix	1-59
2030F Worldwide Connector Market - Product Category / End-Use Equipment Matrix.....	1-60

Chapter 2 - Analysis of the North American Electronic Connector Market

North American Market Year-to-Year Growth 1981-2025F	2-1
North America as Percent of Total Connector Market – 2024	2-1
End-Use Equipment Sectors.....	2-2
North American Connector Market by End-Use Equipment Sector.....	2-2
2024 North American Connector Market - Top Five Equipment Sectors - Percent of Total Market.....	2-2
North American Connector Market by Equipment Sector 2015 - 2025F	2-3
North American Connector Market by Equipment Sector 2030 Forecast & Five-Year CAGR	2-5
2025F/2030FConnector Five-Year CAGR - Ranked by Percent Growth	2-5
North American Connector Market by End-Use Equip. - Percent of Total by Year & Equipment Sector.....	2-6
North American Connector Market - Top Five End-Use Equipment Sectors - Percent of Total Sales.....	2-7
2025F and 2030F Connector Sales by End-Use Equipment Sector	2-7
Product Categories	2-8
North American Connector Market by Product Category	2-8
2024 North American Connector Market - Top Five Product Categories - Percent of Total Market	2-8
North American Connector Market by Product Category - 2015 - 2025F.....	2-9
North American Connector Market by Product Category - 2030 Forecast & Five-Year CAGR	2-11

Chapter 2 - Analysis of the North American Electronic Connector Market (continued)

2025F/2030F Connector Five-Year CAGR - Ranked by Percent Growth	2-11
North American Connector Market by Product Category - Percent of Total by Year & Product Category	2-12
North American Connector Market - Top Five Product Categories - Percent of Total Sales	2-13
2015 North American Connector Market - Product Line / End-Use Sector Matrix	2-14
2016 North American Connector Market - Product Line / End-Use Sector Matrix	2-15
2017 North American Connector Market - Product Line / End-Use Sector Matrix	2-16
2018 North American Connector Market - Product Line / End-Use Sector Matrix	2-17
2019 North American Connector Market - Product Line / End-Use Sector Matrix	2-18
2020 North American Connector Market - Product Line / End-Use Sector Matrix	2-19
2021 North American Connector Market - Product Line / End-Use Sector Matrix	2-20
2022 North American Connector Market - Product Line / End-Use Sector Matrix	2-21
2023 North American Connector Market - Product Line / End-Use Sector Matrix	2-22
2024 North American Connector Market - Product Line / End-Use Sector Matrix	2-23
2025F North American Connector Market – Product Line/ End-Use Sector Matrix	2-24
2030F North American Connector Market - Product Line / End-Use Sector Matrix	2-25

Chapter 3 - Analysis of the European Electronic Connector Market

European Market Year-to-Year Growth 1981-2025F	3-1
Europe as Percent of Total Connector Market – 2024	3-1
End-Use Equipment Sectors	3-2
European Connector Market by End-Use Equipment Sector	3-2
2024 European Connector Market - Top Five Equipment Sectors - Percent of Total Market	3-2
European Connector Market by Equipment Sector 2015 - 2025F	3-3
European Connector Market by Equipment Sector 2030 Forecast & Five-Year CAGR	3-5
2025F/2030F Connector Five-Year CAGR - Ranked by Percent Growth	3-5
European Connector Market by End-Use Equipment - Percent of Total by Year & Equipment Sector	3-6
European Connector Market - Top Five End-Use Equipment Sectors - Percent of Total Sales	3-7
2025F and 2030F Connector Sales by End-Use Equipment Sector	3-7
Product Categories	3-8
European Connector Market by Product Category	3-8
2024 European Connector Market - Top Five Product Categories - Percent of Total Market	3-8
European Connector Market by Product Category - 2015 - 2025F	3-9
European Connector Market by Product Category - 2030 Forecast & Five-Year CAGR	3-11
2025F/2030F Connector Five-Year CAGR - Ranked by Percent Growth	3-11
European Connector Market by Product Category - Percent of Total by Year & Product Category	3-12
European Connector Market - Top Five Product Categories - Percent of Total Sales	3-13
2015 European Connector Market - Product Line / End-Use Sector Matrix	3-14
2016 European Connector Market - Product Line / End-Use Sector Matrix	3-15
2017 European Connector Market - Product Line / End-Use Sector Matrix	3-16
2018 European Connector Market - Product Line / End-Use Sector Matrix	3-17
2019 European Connector Market - Product Line / End-Use Sector Matrix	3-18
2020 European Connector Market - Product Line / End-Use Sector Matrix	3-19
2021 European Connector Market - Product Line / End-Use Sector Matrix	3-20
2022 European Connector Market - Product Line / End-Use Sector Matrix	3-21
2023 European Connector Market - Product Line / End-Use Sector Matrix	3-22
2024 European Connector Market – Product Line/ End-Use Sector Matrix	3-23
2025F European Connector Market – Product Line/ End-Use Sector Matrix	3-24
2030F European Connector Market - Product Line / End-Use Sector Matrix	3-25

Chapter 4 - Analysis of the Japanese Electronic Connector Market

Japanese Market Year-to-Year Growth 1981-2025F.....	4-1
Japan as Percent of Total Connector Market – 2024	4-1
End-Use Equipment Sectors.....	4-2
Japanese Connector Market by End-Use Equipment Sector	4-2
2024 Japanese Connector Market - Top Five Equipment Sectors - Percent of Total Market	4-2
Japanese Connector Market by Equipment Sector 2015 - 2025F.....	4-3
Japanese Connector Market by Equipment Sector 2030 Forecast & Five-Year CAGR	4-5
2025F/2030FConnector Five-Year CAGR - Ranked by Percent Growth	4-5
Japanese Connector Market by End-Use Equip. - Percent of Total by Year & Equipment Sector	4-6
Japanese Connector Market - Top Five End-Use Equipment Sectors - Percent of Total Sales	4-7
2025F and 2030F Connector Sales by End-Use Equipment Sector	4-7
Product Categories	4-8
Japanese Connector Market by Product Category	4-8
2024 Japanese Connector Market - Top Five Product Categories - Percent of Total Market.....	4-8
Japanese Connector Market by Product Category - 2015 - 2025F	4-9
Japanese Connector Market by Product Category - 2030 Forecast & Five-Year CAGR.....	4-11
2025F/2030FConnector Five-Year CAGR - Ranked by Percent Growth	4-11
Japanese Connector Market by Product Category - Percent of Total by Year & Product Category	4-12
Japanese Connector Market - Top Five Product Categories - Percent of Total Sales.....	4-13
2015 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-14
2016 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-15
2017 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-16
2018 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-17
2019 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-18
2020 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-19
2021 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-20
2022 Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-21
2023 Japanese Connector Market – Product Line/ End-Use Sector Matrix	4-22
2024 Japanese Connector Market – Product Line/ End-Use Sector Matrix	4-23
2025F Japanese Connector Market – Product Line/ End-Use Sector Matrix.....	4-24
2030F Japanese Connector Market - Product Line / End-Use Sector Matrix.....	4-25

Chapter 5 - Analysis of the Chinese Electronic Connector Market

Chinese Market Year-to-Year Growth 1981-2025F	5-1
End-Use Equipment Sectors.....	5-1
Chinese Connector Market by End-Use Equipment Sector.....	5-1
2024 Chinese Connector Market - Top Five Equipment Sectors - Percent of Total Market	5-2
Chinese Connector Market by Equipment Sector 2015 - 2025F	5-3
Chinese Connector Market by Equipment Sector 2030 Forecast & Five-Year CAGR	5-5
2025F/2030FConnector Five-Year CAGR - Ranked by Percent Growth	5-5
Chinese Connector Market by End-Use Equip. - Percent of Total by Year & Equipment Sector.....	5-6
Chinese Connector Market - Top Five End-Use Equipment Sectors - Percent of Total Sales	5-7
2025F and 2030F Connector Sales by End-Use Equipment Sector	5-7
Product Categories	5-8
Chinese Connector Market by Product Category	5-8
2024 Chinese Connector Market - Top Five Product Categories - Percent of Total Market	5-8
Chinese Connector Market by Product Category - 2015 - 2025F.....	5-9

Chapter 5 - Analysis of the Chinese Electronic Connector Market (continued)

Chinese Connector Market by Product Category - 2030 Forecast & Five-Year CAGR	5-11
2025F/2030F Connector Five-Year CAGR - Ranked by Percent Growth	5-11
Chinese Connector Market by Product Category - Percent of Total by Year & Product Category	5-12
Chinese Connector Market - Top Five Product Categories - Percent of Total Sales	5-13
2015 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-14
2016 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-15
2017 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-16
2018 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-17
2019 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-18
2020 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-19
2021 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-20
2022 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-21
2023 Chinese Connector Market - Product Line / End-Use Sector Matrix	5-22
2024 Chinese Connector Market – Product Line/ End-Use Sector Matrix	5-23
2025F Chinese Connector Market - Product Line / End-Use Sector Matrix	5-24
2030F Chinese Connector Market - Product Line / End-Use Sector Matrix	5-25

Chapter 6 - Analysis of the Asia Pacific Electronic Connector Market

Asia Pacific Market Year-to-Year Growth 1981-2025F	6-1
Asia Pacific as a Percent of Total Connector Market – 2024	6-1
End-Use Equipment Sectors	6-2
Asia Pacific Connector Market by End-Use Equipment Sector	6-2
2024 Asia Pacific Connector Market - Top Five Equipment Sectors - Percent of Total Market	6-2
Asia Pacific Connector Market by Equipment Sector 2015 - 2025F	6-3
Asia Pacific Connector Market by Equipment Sector 2030 Forecast & Five-Year CAGR	6-5
Asia Pacific Connector Market by End-Use Equipment - Percent of Total by Year & Equipment Sector	6-6
Asia Pacific Connector Market - Top Five End-Use Equipment Sectors - Percent of Total Sales	6-7
2025F and 2030F Connector Sales by End-Use Equipment Sector	6-7
Product Categories	6-8
Asia Pacific Connector Market by Product Category	6-8
2024 Asia Pacific Connector Market - Top Five Product Categories - Percent of Total Market	6-8
Asia Pacific Connector Market by Product Category - 2015 - 2025F	6-9
Asia Pacific Connector Market by Product Category - 2030 Forecast & Five-Year CAGR	6-11
2025F/2030F Connector Five-Year CAGR - Ranked by Percent Growth	6-11
Asia Pacific Connector Market by Product Category - Percent of Total by Year & Product Category	6-12
Asia Pacific Connector Market - Top Five Product Categories - Percent of Total Sales	6-13
Asia Pacific Connector Market by Country – 2023 and 2024	6-14
2024 Asia Pacific Connector Market – Top Five Countries – Percent of Total Market	6-14
Asia Pacific Connector Market by Country – 2024 and 2025F	6-15
2024 Asia Pacific Connector Market – Top Five Countries – Percent of Total Market	6-15
Asia Pacific Connector Market by Country – 2025F –2030F	6-16
2030F Asia Pacific Connector Market – Top Five Countries – Percent of Total Market	6-16
2015 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix	6-17
2016 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix	6-18
2017 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix	6-19
2018 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix	6-20
2019 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix	6-21
2020 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix	6-22

Chapter 6 - Analysis of the Asia Pacific Electronic Connector Market (continued)

2021 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix.....	6-23
2022 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix.....	6-24
2023 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix.....	6-25
2024 Asia Pacific Connector Market - Product Line / End-Use Sector Matrix.....	6-26
2025F Asia Pacific Connector Market - Product Line / End-Use Sector Matrix.....	6-27
2030F Asia Pacific Connector Market - Product Line / End-Use Sector Matrix.....	6-28

Chapter 7 - Analysis of the ROW Electronic Connector Market

ROW Market Year-to-Year Growth 1981-2025F	7-1
Rest of the World as Percent of Total Connector Market – 2024	7-1
End-Use Equipment Sectors.....	7-2
ROW Connector Market by End-Use Equipment Sector	7-2
2024 ROW Connector Market - Top Five Equipment Sectors - Percent of Total Market.....	7-2
ROW Connector Market by Equipment Sector 2015 - 2025F.....	7-3
ROW Connector Market by Equipment Sector 2030 Forecast & Five-Year CAGR	7-5
2025F/2030FConnector Five-Year CAGR - Ranked by Percent Growth	7-5
ROW Connector Market by End-Use Equip. - Percent of Total by Year & Equipment Sector	7-6
ROW Connector Market - Top Five End-Use Equipment Sectors - Percent of Total Sales.....	7-7
2025F and 2030F Connector Sales by End-Use Equipment Sector	7-7
Product Categories	7-8
ROW Connector Market by Product Category.....	7-8
2024 ROW Connector Market - Top Five Product Categories - Percent of Total Market	7-8
ROW Connector Market by Product Category - 2015 - 2025F	7-9
ROW Connector Market by Product Category - 2030 Forecast & Five-Year CAGR.....	7-11
2025F/2030FConnector Five-Year CAGR - Ranked by Percent Growth	7-11
ROW Connector Market by Product Category - Percent of Total by Year & Product Category.....	7-12
ROW Connector Market - Top Five Product Categories - Percent of Total Sales.....	7-13
2015 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-14
2016 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-15
2017 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-16
2018 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-17
2019 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-18
2020 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-19
2021 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-20
2022 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-21
2023 ROW Connector Market - Product Line / End-Use Sector Matrix.....	7-22
2024 ROW Connector Market – Product Line/ End-Use Sector Matrix.....	7-23
2025F ROW Connector Market - Product Line / End-Use Sector Matrix	7-24
2030F ROW Connector Market - Product Line / End-Use Sector Matrix	7-25



CHAPTER 1

ANALYSIS OF THE WORLD ELECTRONIC CONNECTOR MARKET

ANALYSIS OF THE WORLD ELECTRONIC CONNECTOR MARKET

Increasing of
2024. Three
increase, g
which had t
decreased



**World Connector Market by Region
2023 and 2024 with Percent Change**

Region	2023	2024	Percent Change
North America	\$18,840.8		
Europe	\$17,992.7		
Japan	\$4,683.7		
China	\$24,977.1		
Asia-Pacific	\$11,310.0		
ROW	\$4,049.8		
Total	\$81,854.1		

\$ Millions

© 2025 Bishop & Associates, Inc.

From a US dollar point of view, the greatest decrease in sales dollars occurred in Japan, where sales dollars declined -\$647.9 million, followed closely by the ROW region where sales dollars declined -\$636.9 million. China, where sales increased +12.1%, saw sales dollars grow +\$3,026.4 million, while the growth in sales dollars in the Asia Pacific region accounted for an increase of +\$2,173.5 million.

**World Connector Market by Region
2023 and 2024 with Change in Sales Dollars**

Region	2023	2024	Δ in Sales Dollars
North America	\$18,840.8		
Europe	\$17,992.7		
Japan	\$4,683.7		
China	\$24,977.1		
Asia-Pacific	\$11,310.0		
ROW	\$4,049.8		
Total	\$81,854.1		

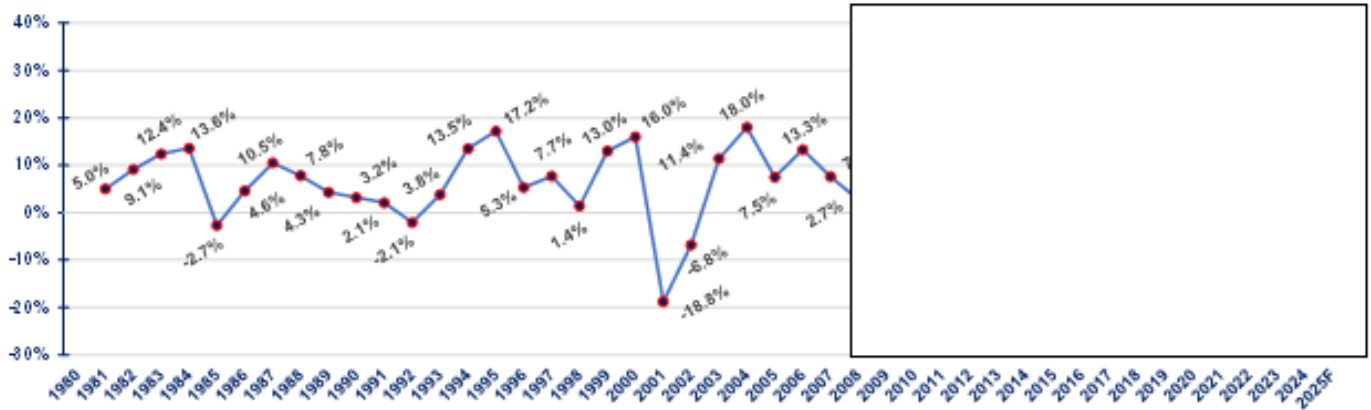
\$ Millions

© 2025 Bishop & Associates, Inc.

World Connector Market Handbook

The following chart shows the percent change in world connector sales by year, beginning in 1981. In the past 44 years there have been only 10 sales declines. In 2009, industry sales were down -21.8%, setting a record for the worst year in industry history. In 2010, industry sales grew +28.2 percent, resulting in the greatest year-over-year change in history.

World Connector Market Year-to-Year Growth 1981 – 2025F

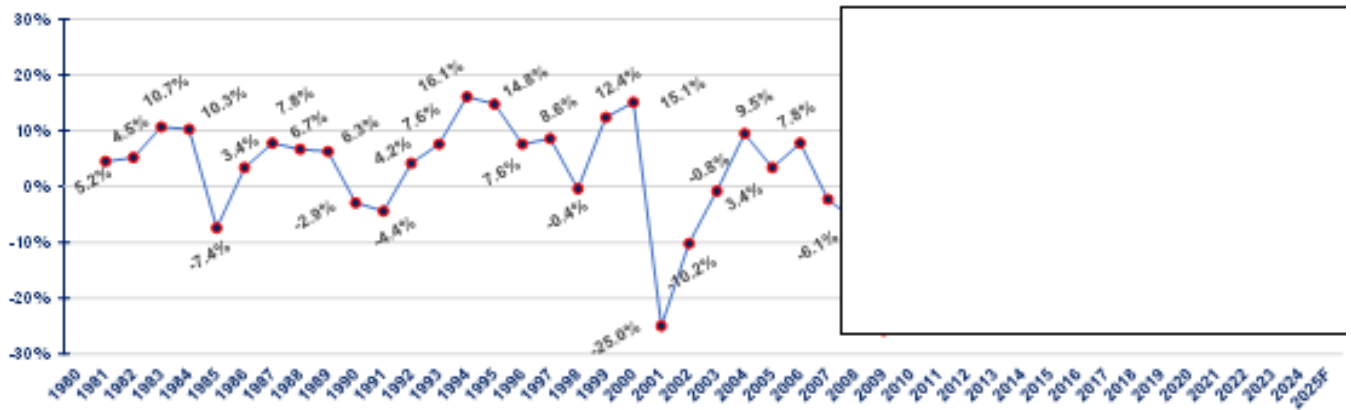


WHAT HAPPENED IN 2022 BY REGION?

North America

North America is the second largest connector region of the world, with connector sales of \$1.1 billion in 2024. Over the past decade, the region has grown at an average rate of 7.8%. Over the same period, the global market grew at the same rate of 7.8%.

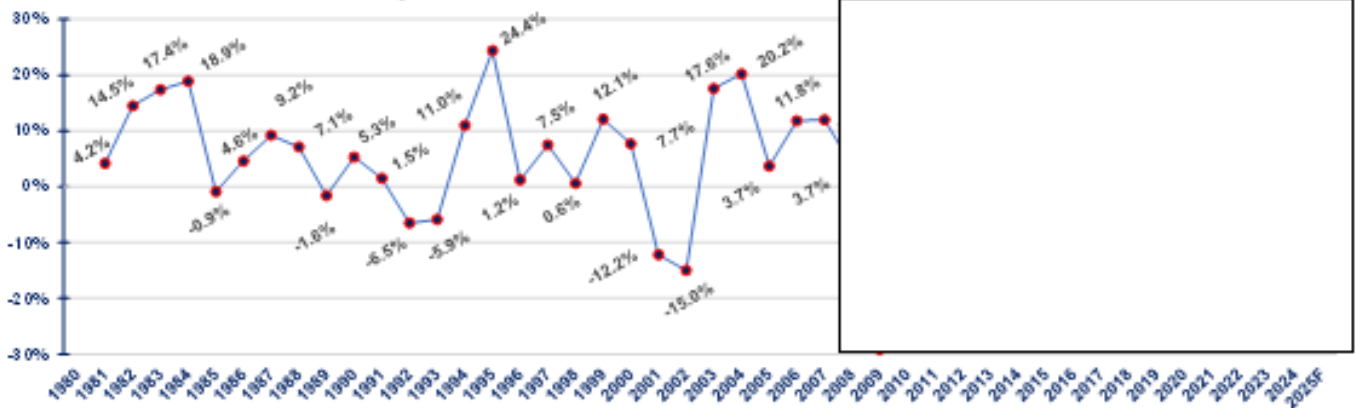
North American Market Year-to-Year Growth 1981-2025F



Europe

Europe is the third largest connector region of the world, with connector sales of \$1.1 billion in 2024. In 2024, Europe ranked second in sales volume, just two regions experiencing growth. The region has had 12 years of growth since 2019, 2020, and 2024. Over the same period, the global market grew at a compound average growth rate of 7.8%.

European Market Year-to-Year Growth 1981-2025F



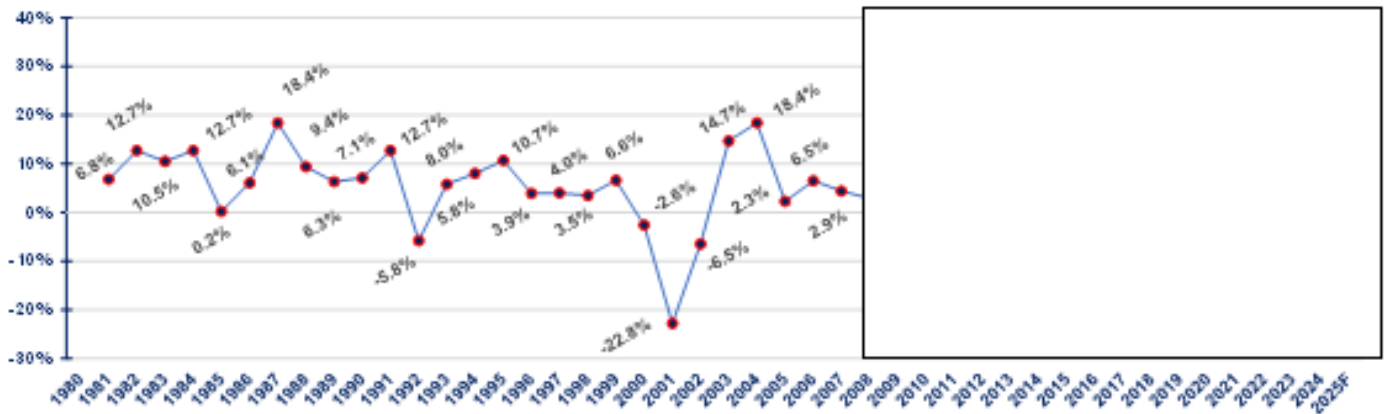
World Connector Market Handbook

Japan

Japan is
2024. Jap
2024), th
2013, 20
Japanese
the period



Japanese Market Year-to-Year Growth 1981-2025F

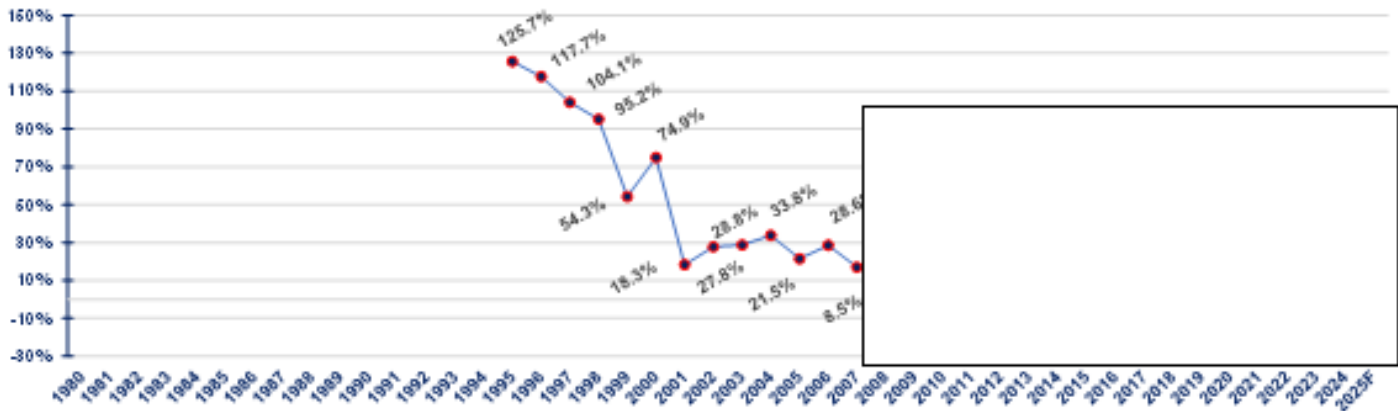


China

China is
In 2024
has rec
and 20
+24.6%
+24.9%



Chinese Market Year-to-Year Growth 1981-2025F



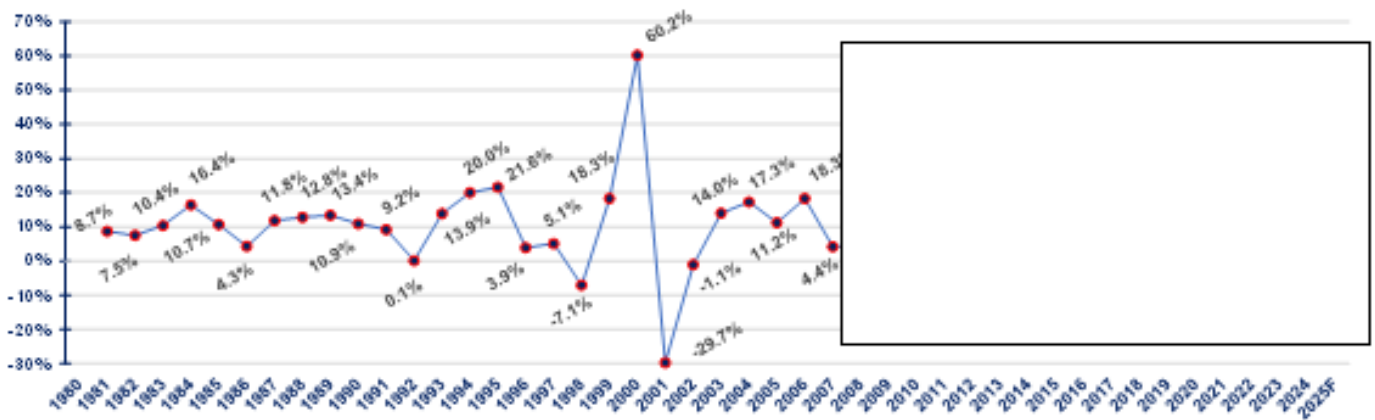
Established China as a Separate Region in 1994

Asia Pacific

Asia Pacific is projected to reach \$3.413 billion in 2024, marking a significant recovery from the past 44-year decline, 1998 to 2001, and the Asia Pacific market decline in 2023.



Asia Pacific Market Year-to-Year Growth 1981-2025F

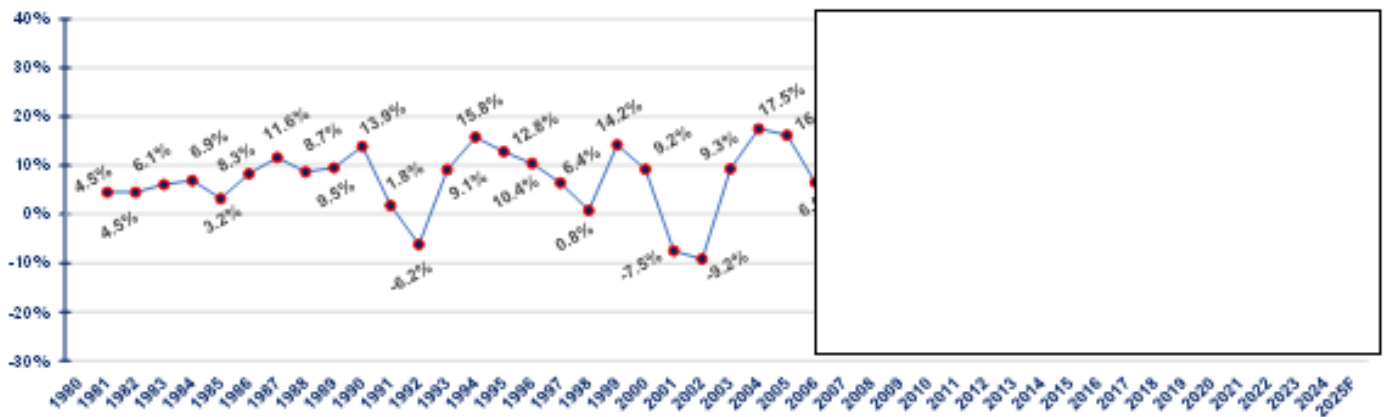


ROW

The ROW market is projected to reach \$3.413 billion in 2024, marking a significant recovery from the past 44-year decline, 1998 to 2001, and the ROW market decline in 2023.



ROW Market Year-to-Year Growth 1981-2025F



World Connector Market Handbook

Regional Summary

As the tables below and on the following pages indicate, the mixed results based on region of the world in 2024 created a variety of changes to the five, 10, and 20 year compounded annual growth rate. CAGR dropped in some regions, while others saw an increase. For the total market, the CAGR declined. For the past 20 years, the CAGR remained just slightly better than the previous 10-year CAGR. It is interesting to note that the past 20-year CAGR will not hit the highs seen in 2021.

**Regional Growth Rates
2024 – 2025F**

Region	2024	2025F	% Change	Past 5 Year CAGR	Past 10 Year CAGR	Past 20 Year CAGR
North America	\$20,124.7					
Europe	\$17,417.3					
Japan	\$4,035.8					
China	\$28,003.5					
Asia-Pacific	\$13,483.5					
ROW	\$3,412.9					
Total	\$86,477.7					

\$ Millions

© 2025 Bishop & Associates, Inc.

**Regional Growth Rates
2023 – 2024F**

Region	2023	2024	% Change	Past 5 Year CAGR	Past 10 Year CAGR	Past 20 Year CAGR
North America	\$18,840.8					
Europe	\$17,992.7					
Japan	\$4,683.7					
China	\$24,977.1					
Asia-Pacific	\$11,310.0					
ROW	\$4,049.8					
Total	\$81,854.1					

\$ Millions

© 2025 Bishop & Associates, Inc.

Regional Growth Rates 2022 – 2023

Region	2022	2023	% Change	Past 5 Year CAGR	Past 10 Year CAGR	Past 20 Year CAGR
North America	\$18,889.0					
Europe	\$17,328.5					
Japan	\$5,172.8					
China	\$28,494.3					
Asia-Pacific	\$12,194.7					
ROW	\$4,011.7					
Total	\$84,091.0					

\$ Millions

© 2025 Bishop & Associates, Inc.

Regional Growth Rates 2021 – 2022

Region	2021	2022	% Change	Past 5 Year CAGR	Past 10 Year CAGR	Past 20 Year CAGR
North America	\$16,484.0					
Europe	\$16,278.4					
Japan	\$5,275.7					
China	\$24,978.3					
Asia-Pacific	\$11,383.9					
ROW	\$3,590.3					
Total	\$77,990.6					

\$ Millions

© 2025 Bishop & Associates, Inc.

Regional Growth Rates 2020 – 2021

Region	2020	2021	% Change	Past 5 Year CAGR	Past 10 Year CAGR	Past 20 Year CAGR
North America						
Europe						
Japan						
China						
Asia-Pacific						
ROW						
Total						

\$ Millions

© 2025 Bishop & Associates, Inc.

Regional Growth Rates 2019 – 2020

Region	2019	2020	% Change	Past 5 Year CAGR	Past 10 Year CAGR	Past 20 Year CAGR
North America	\$13,887.0					
Europe	\$13,544.2					
Japan	\$4,891.4					
China	\$19,477.4					
Asia-Pacific	\$9,435.4					
ROW	\$2,933.7					
Total	\$64,169.1					

\$ Millions

©2025 Bishop & Associates, Inc.

Regional Growth Rates 2018 – 2019

Region	2018	2019	% Change	Past 5 Year CAGR	Past 10 Year CAGR	Past 20 Year CAGR
North America	\$13,889.5					
Europe	\$14,103.4					
Japan	\$5,047.8					
China	\$20,933.1					
Asia-Pacific	\$9,708.2					
ROW	\$3,048.1					
Total	\$66,710.1					

\$ Millions

©2025 Bishop & Associates, Inc.

Worldwide Connector Market by Region 2015 – 2025F

Region	2015	2016	% Change	2017	% Change
North America	\$11,233.2				
Europe	\$10,452.7				
Japan	\$4,760.1				
China	\$14,719.1				
Asia-Pacific	\$8,592.6				
ROW	\$2,292.1				
Total	\$52,049.8				

\$ Millions

© 2025 Bishop & Associates, Inc.

Region	2018	% Change	2019	% Change	2020	% Change
North America						
Europe						
Japan						
China						
Asia-Pacific						
ROW						
Total						

\$ Millions

© 2025 Bishop & Associates, Inc.

Worldwide Connector Market by Region 2015 – 2025F (continued)

Region	2021	
North America	\$16,484.0	
Europe	\$16,278.4	
Japan	\$5,275.7	
China	\$24,978.3	
As ia-Pacific	\$11,383.9	
ROW	\$3,590.3	
Total	\$77,990.6	

\$ Millions

© 2025 Bishop & Associates, Inc.

Region	2024	% Change	2025F	% Change
North America				
Europe				
Japan				
China				
As ia-Pacific				
ROW				
Total				

\$ Millions

© 2025 Bishop & Associates, Inc.

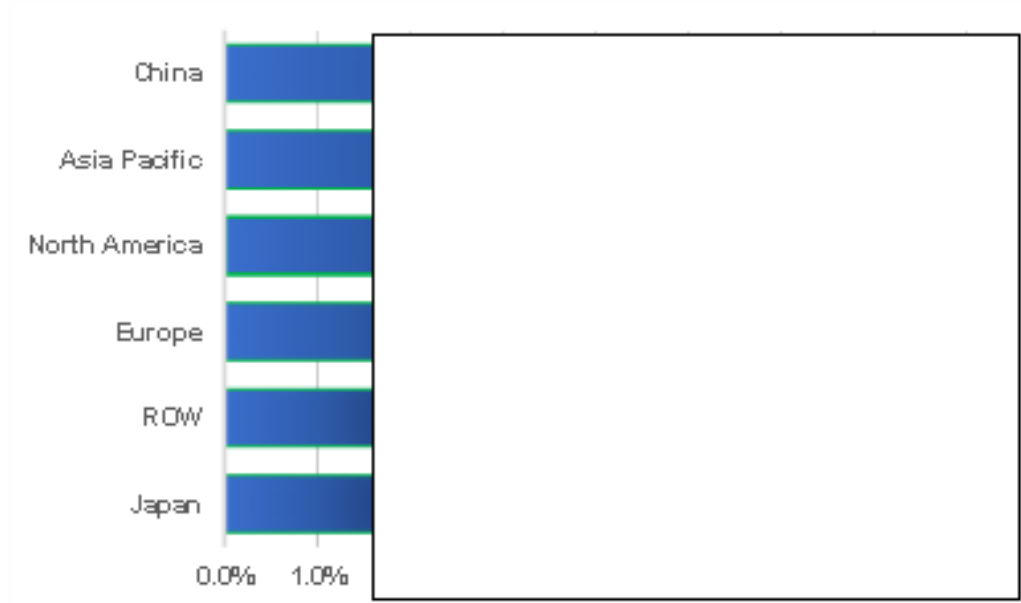
Worldwide Connector Market by Region 2030 Forecast & Five-Year CAGR

Region	2025F	2030F	2025/2030F CAGR
North America			
Europe			
Japan			
China			
Asia Pacific			
ROW			
Total			

\$ Millions

© 2025 Bishop & Associates, Inc.

2025F/2030F Connector Five-Year CAGR by Region Ranked by Percent Growth

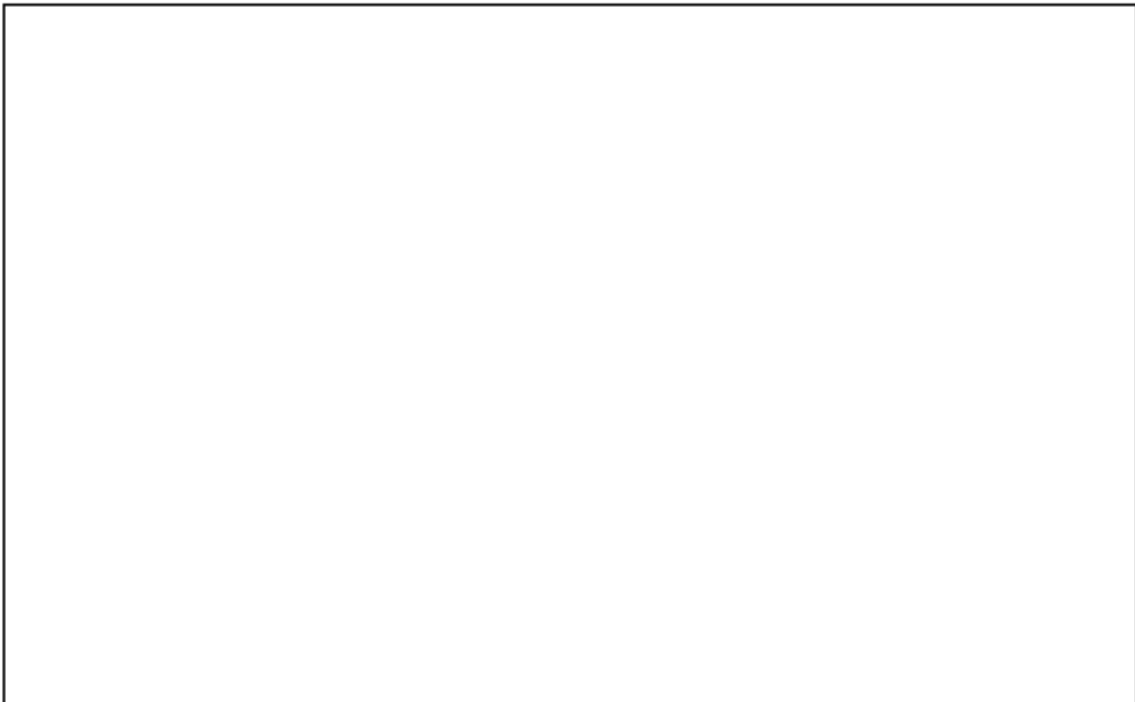


World Connector Market Handbook

Worldwide Connector Market by Region Percent of Total by Year & Region

Region	2015	2016	2017	2018	2019	2020
North America	21.6%	21.4%	20.6%			
Europe	20.1%	20.3%	20.5%			
Japan	9.1%	8.1%	8.2%			
China	28.3%	30.4%	31.7%			
Asia-Pacific	16.5%	15.3%	14.5%			
ROW	4.4%	4.5%	4.5%			
Total	100.0%	100.0%	100.0%			

Region	2021	2022	2023	2024	2025F
North America					
Europe					
Japan					
China					
Asia-Pacific					
ROW					
Total					

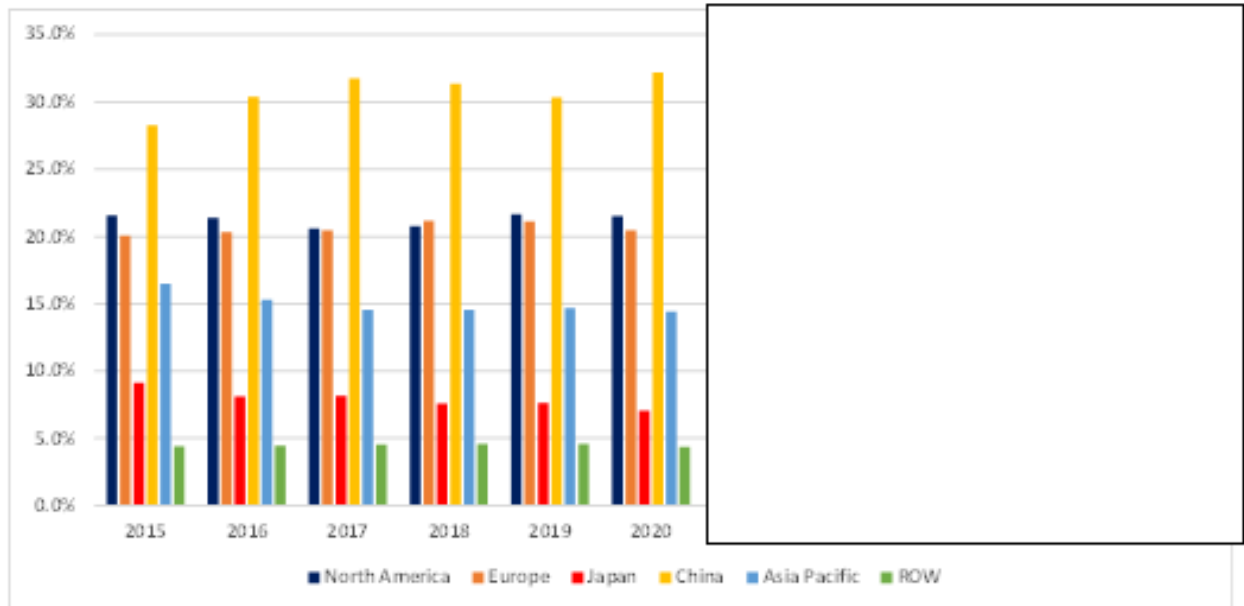


the century
 ed to 23.3%.
 over around
 2022, North
 2023, North
 2024.

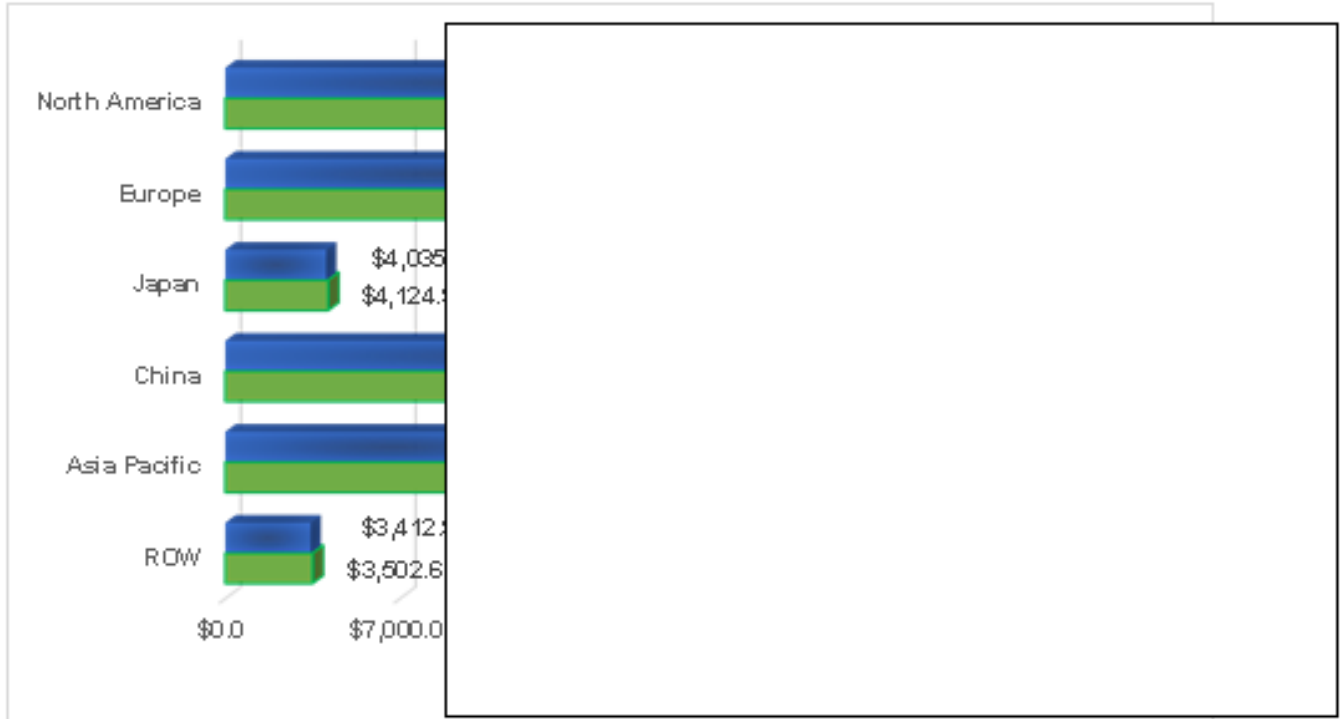
an who was
 low of 4.7%,

becoming the
 market share,
 0, due to the
 but declined
 again gained
 32.4%. It is
 approximately

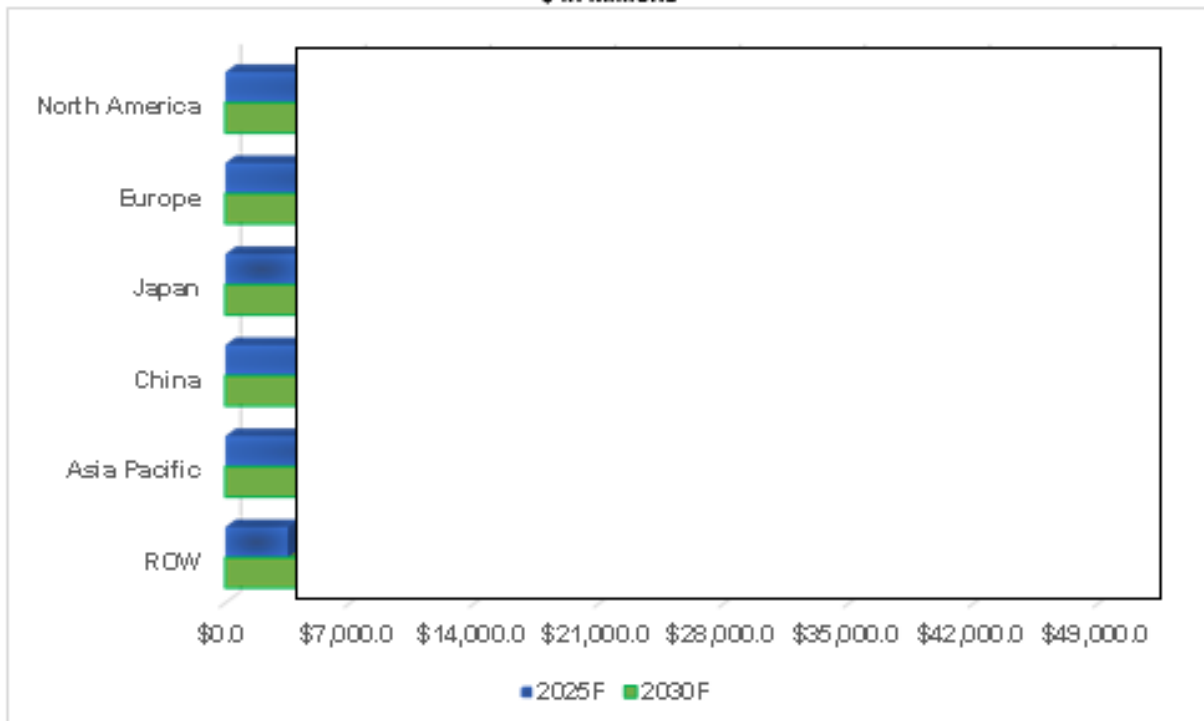
Geographic Regions
Percent of Total Sales



2024 and 2025F Connector Sales by Region
\$ in Millions



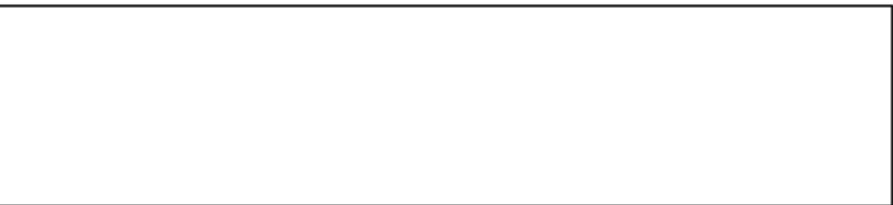
2025F and 2030F Connector Sales by Region
\$ in Millions



End-Use Equipment Sectors

Telecom/datacom was the largest end-use sector with 2024 shipments of \$20.5 billion. In 2024 sales grew 3.5% to remain the largest end-use sector. The smallest growth in 2024 was in Consumer with an increase of +0.3% over 2023.

<https://www.bishopinc.com>



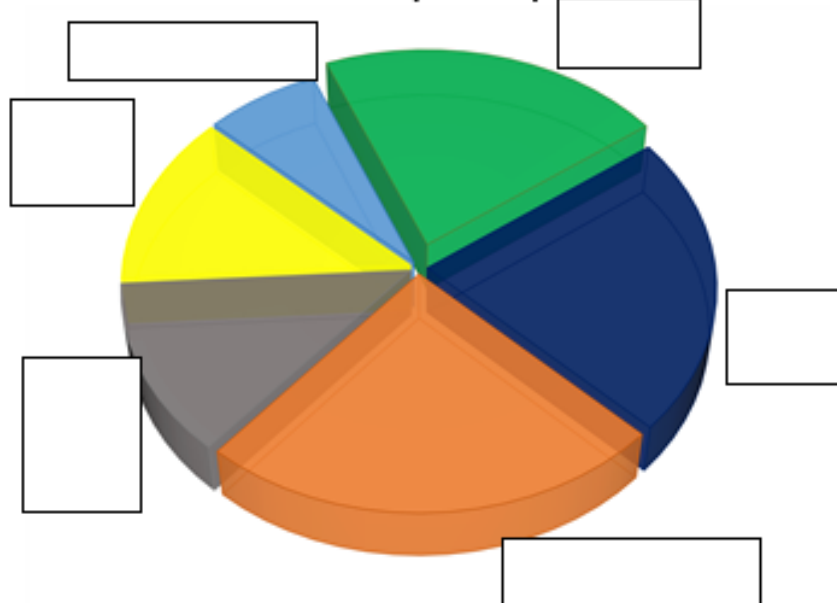
World Connector Market by Equipment Sector

Sector	2024	2025F	Percent Change
Computers & Peripherals			
Business/Office Equipment			
Instrumentation			
Medical Equipment			
Industrial			
Automotive			
Transportation (non-auto)			
Military/Aerospace			
Telecom/Datacom			
Consumer			
Other			
Total			

\$Millions

© 2025 Bishop & Associates, Inc.

World Connector Market - Top Five Equipment Sectors – 2024



Worldwide Connector Market by End-Use Equipment Sector 2015 – 2025F

Sector	2015	2016	% Change	2017	% Change
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

\$Millions

© 2025 Bishop & Associates, Inc.

Sector	2018	% Change	2019	% Change	2020	% Change
Computers & Peripherals						
Business/Office Equipment						
Instrumentation						
Medical Equipment						
Industrial						
Automotive						
Transportation (non-auto)						
Military/Aerospace						
Telecom/Datacom						
Consumer						
Other						
Total						

\$Millions

© 2025 Bishop & Associates, Inc.

Worldwide Connector Market by End-Use Equipment Sector (continued) 2015 – 2025F

Sector	2021	% Change	2022	% Change	2023	% Change
Computers & Peripherals						
Business/Office Equipment						
Instrumentation						
Medical Equipment						
Industrial						
Automotive						
Transportation (non-auto)						
Military/Aerospace						
Telecom/Datacom						
Consumer						
Other						
Total						

\$ Millions

© 2025 Bishop & Associates, Inc.

Sector	2024	% Change	2025F	% Change
Computers & Peripherals				
Business/Office Equipment				
Instrumentation				
Medical Equipment				
Industrial				
Automotive				
Transportation (non-auto)				
Military/Aerospace				
Telecom/Datacom				
Consumer				
Other				
Total				

\$ Millions

© 2025 Bishop & Associates, Inc.

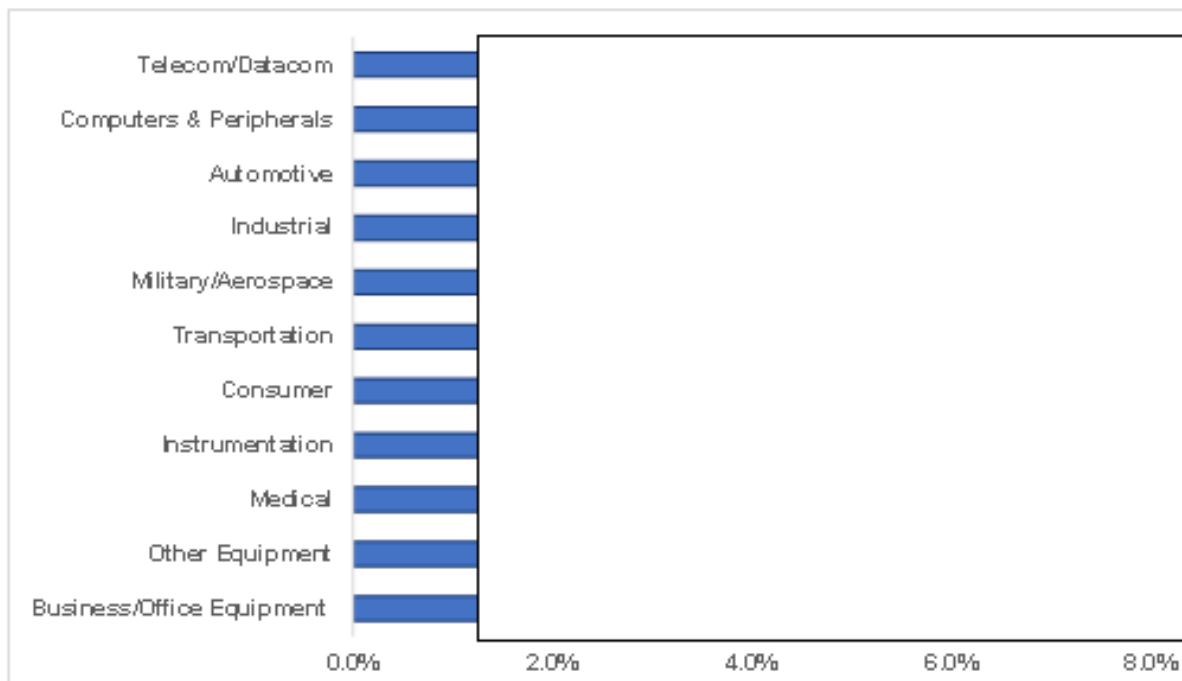
Worldwide Connector Market by End-Use Equipment 2030 Forecast & Five Year CAGR

Sector	2025F	2030F	2025/2030 CAGR
Computers & Peripherals			
Business/Office Equipment			
Instrumentation			
Medical Equipment			
Industrial			
Automotive			
Transportation (non-auto)			
Military/Aerospace			
Telecom/Datacom			
Consumer			
Other			
Total			

\$ Millions

© 2025 Bishop & Associates, Inc.

2025F/2030F Connector Five-Year CAGR Ranked by Percent Growth

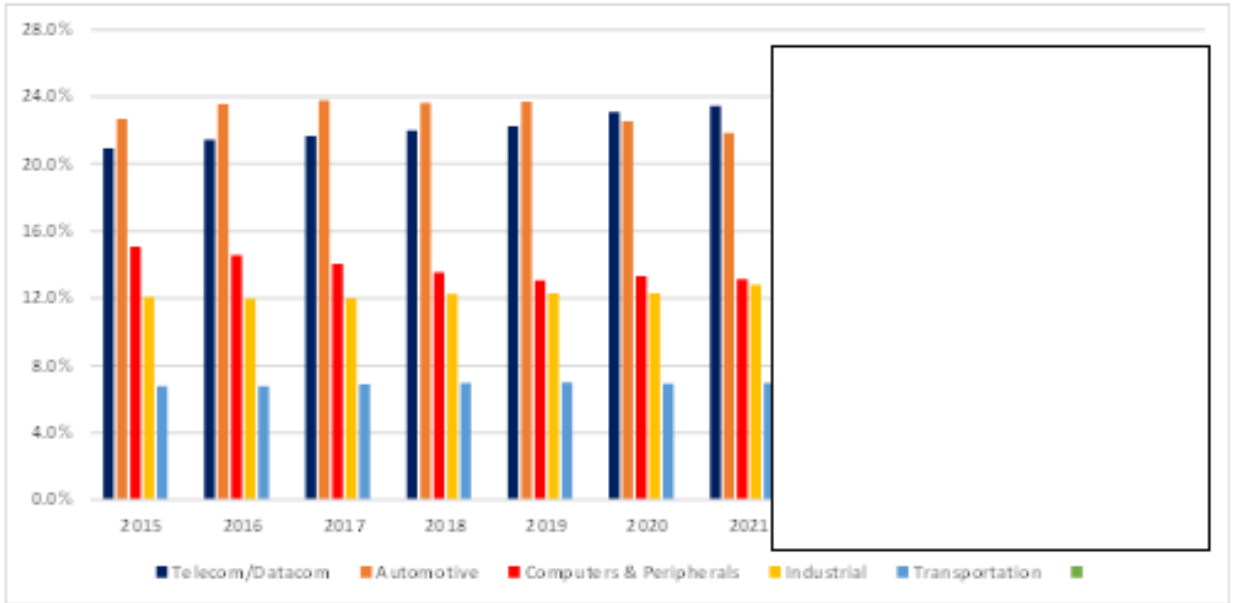


Worldwide Connector Market by End-Use Equipment Percent of Total by Year & Equipment Sector

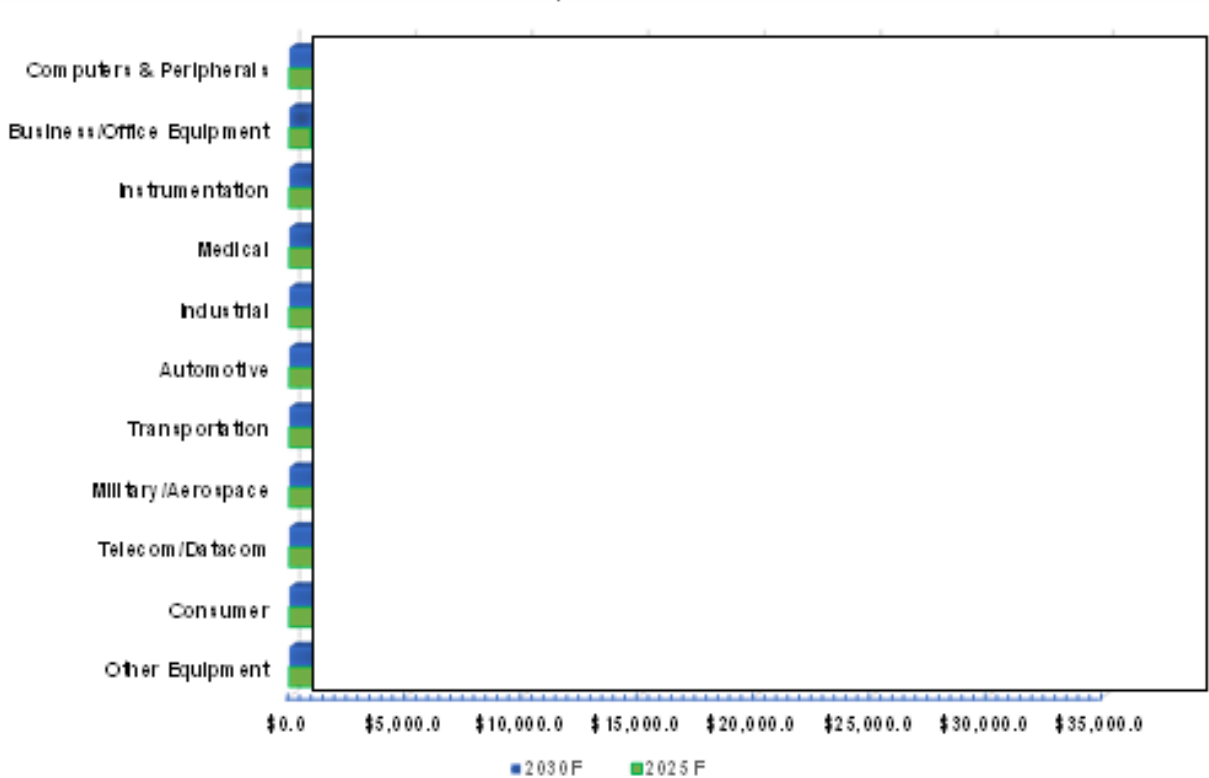
Sector	2015	2016	2017	2018	2019	2020
Computers & Peripherals	15.1%	14.6%	14.1%	13.5%		
Business/Office Equipment	1.4%	1.3%	1.2%	1.2%		
Instrumentation	2.9%	2.9%	2.9%	2.9%		
Medical Equipment	3.1%	3.0%	3.0%	3.1%		
Industrial	12.1%	12.0%	12.0%	12.3%		
Automotive	22.7%	23.6%	23.8%	23.6%		
Transportation (non-auto)	6.8%	6.8%	6.9%	7.0%		
Military/Aerospace	6.0%	5.9%	5.8%	5.8%		
Telecom/Datacom	20.9%	21.4%	21.7%	22.0%		
Consumer	5.0%	4.8%	4.9%	4.9%		
Other	4.0%	3.8%	3.8%	3.8%		
Total	100.0%	100.0%	100.0%	100.0%		

Sector	2021	2022	2023	2024	2025F
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

**World Connector Market
Top Five End-Use Equipment Sectors
Percent of Total Sales**



**2025F and 2030F Connector Sales by End-Use Equipment Sector
\$ in Millions**



2015 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North	Percent		Percent		Percent		Percent
	America	Total	Europe	Total	Japan	Total	China	Total
Computers & Peripherals	\$427.3	3.8%	\$327.3	3.1%	\$711.0	14.9%	\$3,922.2	26.6%
Business/Office Equipment	\$117.6	1.0%	\$96.2	0.9%	\$192.2	4.0%	\$132.5	0.9%
Instrumentation	\$473.0	4.2%	\$400.3	3.8%	\$167.8	3.5%	\$350.3	2.4%
Medical Equipment	\$521.7	4.6%	\$499.4	4.8%	\$167.6	3.5%	\$209.5	1.4%
Industrial	\$1,580.2	14.1%	\$1,978.4	18.9%	\$632.5	13.3%	\$1,047.0	7.1%
Automotive	\$3,487.6	31.0%	\$3,804.7	36.4%	\$1,062.4	22.3%	\$2,248.3	15.3%
Transportation (non-auto)	\$943.6	8.4%	\$938.4	9.0%	\$268.5	5.6%	\$842.0	5.7%
Military/Aerospace	\$1,451.6	12.9%	\$763.8	7.3%	\$205.2	4.3%	\$339.3	2.3%
Telecom/Datacom	\$1,558.3	13.9%	\$1,125.4	10.8%	\$567.2	11.9%	\$4,523.1	30.7%
Consumer	\$173.0	1.5%	\$132.4	1.3%	\$481.3	10.1%	\$799.3	5.4%
Other	\$499.3	4.4%	\$386.3	3.7%	\$304.4	6.4%	\$305.4	2.1%
Total	\$11,233.2	100.0%	\$10,452.7	100.0%	\$4,760.1	100.0%	\$14,719.1	100.0%

\$ Millions

End-Use Equipment Category	Asia	Percent		Percent		Percent
	Pacific	Total	ROW	Total	Total	Total
Computers & Peripherals	\$2,308.7	26.9%	\$147.3	6.4%	\$7,843.9	15.1%
Business/Office Equipment	\$123.4	1.4%	\$43.7	1.9%	\$705.6	1.4%
Instrumentation	\$92.2	1.1%	\$39.2	1.7%	\$1,522.9	2.9%
Medical Equipment	\$153.4	1.8%	\$65.1	2.8%	\$1,616.8	3.1%
Industrial	\$749.2	8.7%	\$292.9	12.8%	\$6,280.1	12.1%
Automotive	\$886.2	10.3%	\$311.0	13.6%	\$11,800.2	22.7%
Transportation (non-auto)	\$307.4	3.6%	\$234.2	10.2%	\$3,534.1	6.8%
Military/Aerospace	\$228.2	2.7%	\$146.7	6.4%	\$3,134.8	6.0%
Telecom/Datacom	\$2,462.7	28.7%	\$667.5	29.1%	\$10,904.2	20.9%
Consumer	\$804.5	9.4%	\$234.2	10.2%	\$2,624.9	5.0%
Other	\$476.6	5.5%	\$110.3	4.8%	\$2,082.3	4.0%
Total	\$8,592.6	100.0%	\$2,292.1	100.0%	\$52,049.8	100.0%

\$ Millions

2016 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North	Percent		Percent		Percent		Percent
	America	Total	Europe	Total	Japan	Total	China	Total
Computers & Peripherals	\$436.8	3.8%	\$334.3	3.0%	\$608.6	13.9%	\$4,187.5	25.4%
Business/Office Equipment	\$120.0	1.0%	\$98.3	0.9%	\$164.4	3.7%	\$147.2	0.9%
Instrumentation	\$484.7	4.2%	\$411.4	3.7%	\$145.2	3.3%	\$388.5	2.4%
Medical Equipment	\$537.3	4.6%	\$515.1	4.7%	\$143.8	3.3%	\$232.8	1.4%
Industrial	\$1,640.5	14.2%	\$2,078.2	18.9%	\$544.1	12.4%	\$1,188.7	7.2%
Automotive	\$3,563.5	30.8%	\$4,087.6	37.1%	\$1,186.7	27.0%	\$2,675.0	16.2%
Transportation (non-auto)	\$973.4	8.4%	\$981.9	8.9%	\$229.5	5.2%	\$947.5	5.8%
Military/Aerospace	\$1,490.4	12.9%	\$785.4	7.1%	\$175.3	4.0%	\$364.6	2.2%
Telecom/Datacom	\$1,642.8	14.2%	\$1,192.8	10.8%	\$520.1	11.8%	\$5,109.2	31.0%
Consumer	\$177.4	1.5%	\$135.6	1.2%	\$411.4	9.4%	\$886.8	5.4%
Other	\$509.2	4.4%	\$394.3	3.6%	\$261.9	6.0%	\$337.6	2.1%
Total	\$11,576.0	100.0%	\$11,015.0	100.0%	\$4,391.0	100.0%	\$16,465.4	100.0%

\$ Millions

End-Use Equipment Category	Asia	Percent		Percent		Percent
	Pacific	Total	ROW	Total	Total	Total
Computers & Peripherals	\$2,167.8	26.1%	\$154.4	6.4%	\$7,889.5	14.6%
Business/Office Equipment	\$115.1	1.4%	\$45.8	1.9%	\$690.8	1.3%
Instrumentation	\$86.7	1.0%	\$41.6	1.7%	\$1,558.1	2.9%
Medical Equipment	\$143.1	1.7%	\$69.7	2.9%	\$1,641.9	3.0%
Industrial	\$708.2	8.5%	\$315.4	13.0%	\$6,475.1	12.0%
Automotive	\$950.9	11.5%	\$296.2	12.2%	\$12,759.9	23.6%
Transportation (non-auto)	\$288.8	3.5%	\$251.9	10.4%	\$3,673.0	6.8%
Military/Aerospace	\$213.6	2.6%	\$153.1	6.3%	\$3,182.4	5.9%
Telecom/Datacom	\$2,417.6	29.1%	\$724.8	30.0%	\$11,607.3	21.4%
Consumer	\$757.7	9.1%	\$249.7	10.3%	\$2,618.7	4.8%
Other	\$447.1	5.4%	\$116.8	4.8%	\$2,066.9	3.8%
Total	\$8,296.7	100.0%	\$2,419.5	100.0%	\$54,163.7	100.0%

\$ Millions

2017 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North	Percent	Percent		Percent	Percent		
	America	Total	Europe	Total	Japan	Total	China	Total
Computers & Peripherals	\$464.2	3.8%	\$361.0	2.9%	\$650.6	13.3%	\$4,569.5	23.9%
Business/Office Equipment	\$125.8	1.0%	\$106.4	0.9%	\$179.2	3.7%	\$164.8	0.9%
Instrumentation	\$517.8	4.2%	\$458.7	3.7%	\$161.8	3.3%	\$439.9	2.3%
Medical Equipment	\$582.3	4.7%	\$575.2	4.7%	\$162.1	3.3%	\$276.4	1.4%
Industrial	\$1,764.0	14.3%	\$2,327.8	18.9%	\$613.9	12.5%	\$1,414.3	7.4%
Automotive	\$3,758.2	30.4%	\$4,612.3	37.5%	\$1,364.3	27.8%	\$3,225.5	16.9%
Transportation (non-auto)	\$1,048.1	8.5%	\$1,100.9	9.0%	\$257.3	5.2%	\$1,132.3	5.9%
Military/Aerospace	\$1,592.5	12.9%	\$849.5	6.9%	\$191.7	3.9%	\$437.4	2.3%
Telecom/Datacom	\$1,781.2	14.4%	\$1,314.3	10.7%	\$578.9	11.8%	\$5,941.5	31.1%
Consumer	\$189.3	1.5%	\$152.0	1.2%	\$456.3	9.3%	\$1,071.3	5.6%
Other	\$543.3	4.4%	\$437.7	3.6%	\$288.8	5.9%	\$409.2	2.1%
Total	\$12,366.7	100.0%	\$12,295.9	100.0%	\$4,904.9	100.0%	\$19,082.1	100.0%

\$ Millions

End-Use Equipment Category	Asia	Percent	Percent		Percent	
	Pacific	Total	ROW	Total	Total	
Computers & Peripherals	\$2,233.3	25.6%	\$168.8	6.2%	\$8,447.5	14.1%
Business/Office Equipment	\$119.8	1.4%	\$50.3	1.8%	\$746.3	1.2%
Instrumentation	\$91.2	1.0%	\$46.9	1.7%	\$1,716.3	2.9%
Medical Equipment	\$148.9	1.7%	\$78.9	2.9%	\$1,823.9	3.0%
Industrial	\$751.8	8.6%	\$357.8	13.1%	\$7,229.6	12.0%
Automotive	\$1,032.2	11.8%	\$308.1	11.3%	\$14,300.7	23.8%
Transportation (non-auto)	\$308.9	3.5%	\$289.3	10.6%	\$4,136.8	6.9%
Military/Aerospace	\$224.6	2.6%	\$169.2	6.2%	\$3,464.9	5.8%
Telecom/Datacom	\$2,564.9	29.4%	\$851.6	31.2%	\$13,032.4	21.7%
Consumer	\$790.2	9.0%	\$280.5	10.3%	\$2,939.6	4.9%
Other	\$467.9	5.4%	\$130.8	4.8%	\$2,277.8	3.8%
Total	\$8,733.8	100.0%	\$2,732.2	100.0%	\$60,115.8	100.0%

\$ Millions

2018 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

\$ Millions

2019 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

\$ Millions

World Connector Market Handbook

2020 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

\$ Millions

2021 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
Computers & Peripherals						
Business/Office Equipment						
Instrumentation						
Medical Equipment						
Industrial						
Automotive						
Transportation (non-auto)						
Military/Aerospace						
Telecom/Datacom						
Consumer						
Other						
Total						

\$ Millions

2022 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

\$ Millions

2023 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

\$ Millions

2024 Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total	Percent Total
Computers & Peripherals						
Business/Office Equipment						
Instrumentation						
Medical Equipment						
Industrial						
Automotive						
Transportation (non-auto)						
Military/Aerospace						
Telecom/Datacom						
Consumer						
Other						
Total						

\$ Millions

2025F Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
Computers & Peripherals						
Business/Office Equipment						
Instrumentation						
Medical Equipment						
Industrial						
Automotive						
Transportation (non-auto)						
Military/Aerospace						
Telecom/Datacom						
Consumer						
Other						
Total						

\$ Millions

2030F Worldwide Connector Market by End-Use Equipment

End-Use Equipment Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
Computers & Peripherals								
Business/Office Equipment								
Instrumentation								
Medical Equipment								
Industrial								
Automotive								
Transportation (non-auto)								
Military/Aerospace								
Telecom/Datacom								
Consumer								
Other								
Total								

\$ Millions

End-Use Equipment Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
Computers & Peripherals					
Business/Office Equipment					
Instrumentation					
Medical Equipment					
Industrial					
Automotive					
Transportation (non-auto)					
Military/Aerospace					
Telecom/Datacom					
Consumer					
Other					
Total					

\$ Millions

Product Categories

With shipments
individual catego
connectors man
market. You will



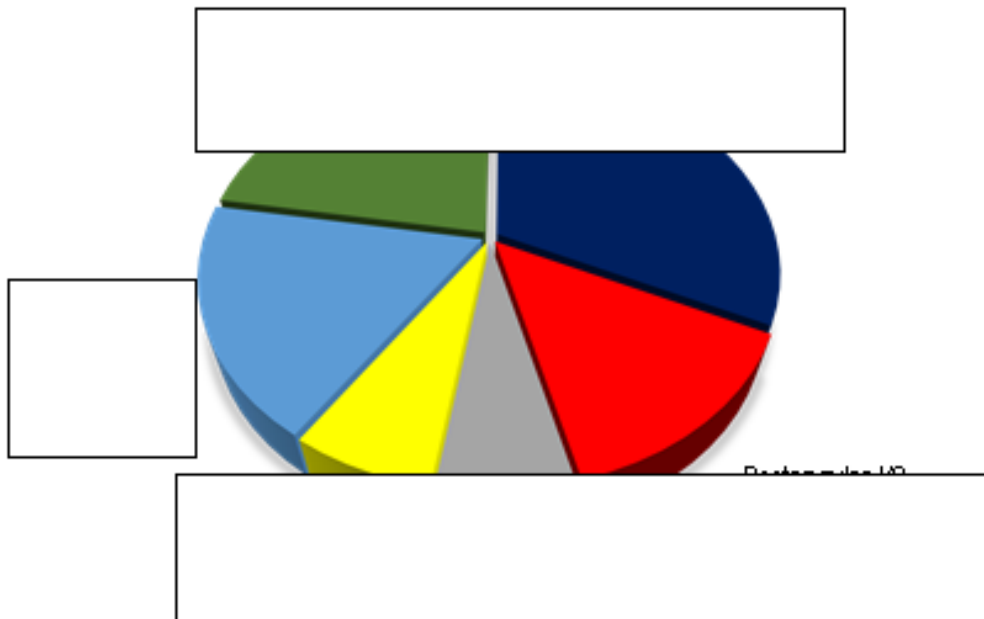
World Connector Market by Product Category

Connector Category	2024	2025F	Percent Change
PCB			
Rectangular I/O			
IC Sockets			
RF Coax			
Circular			
Telephone/Telecom			
Fiber Optic			
Terminal Blocks			
Heavy Duty			
Power/High Voltage			
Application Specific			
Other Connectors			
Total			

\$ Millions

© 2025 Bishop & Associates, Inc.

World Connector Market - Top Five Product Categories – 2024



Worldwide Connector Market by Product Category 2015 – 2025F

Connector Category	2015	2016	Percent Change	2017	Percent Change
PCB	\$16,029.5	\$16,617.6	3.7%	\$18,473.2	11.2%
Rectangular I/O	\$7,635.3	\$7,857.3	2.9%	\$8,583.9	9.2%
IC Sockets	\$1,482.1	\$1,481.4	0.0%	\$1,642.5	10.9%
RF Coax	\$2,892.5	\$3,050.9	5.5%	\$3,437.1	12.7%
Circular	\$3,532.2	\$3,667.5	3.8%	\$4,117.3	12.3%
Telephone/Telecom	\$1,730.7	\$1,832.1	5.9%	\$2,051.4	12.0%
Fiber Optic	\$2,242.6	\$2,454.2	9.4%	\$2,880.6	17.4%
Terminal Blocks	\$984.7	\$1,038.6	5.5%	\$1,131.3	8.9%
Heavy Duty	\$966.0	\$983.8	2.9%	\$1,079.9	8.7%
Power/High Voltage	\$755.0	\$797.7	5.7%	\$929.6	16.5%
Application Specific	\$11,427.8	\$11,952.9	4.6%	\$13,231.1	10.7%
Other Connectors	\$2,371.5	\$2,419.8	2.0%	\$2,557.9	5.7%
Total	\$52,049.8	\$54,163.7	4.1%	\$60,115.8	11.0%

\$ Millions

© 2025 Bishop & Associates, Inc.

Connector Category	2018	Percent Change	2019	Percent Change	2020	Percent Change
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

© 2025 Bishop & Associates, Inc.

Worldwide Connector Market by Product Category (continued) 2015 – 2025F

Connector Category	2021	Percent Change	2022	Percent Change	2023	Percent Change
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

© 2025 Bishop & Associates, Inc.

Connector Category	2024	Percent Change	2025F	Percent Change
PCB				
Rectangular IO				
IC Sockets				
RF Coax				
Circular				
Telephone/Telecom				
Fiber Optic				
Terminal Blocks				
Heavy Duty				
Power/High Voltage				
Application Specific				
Other Connectors				
Total				

\$ Millions

© 2025 Bishop & Associates, Inc.

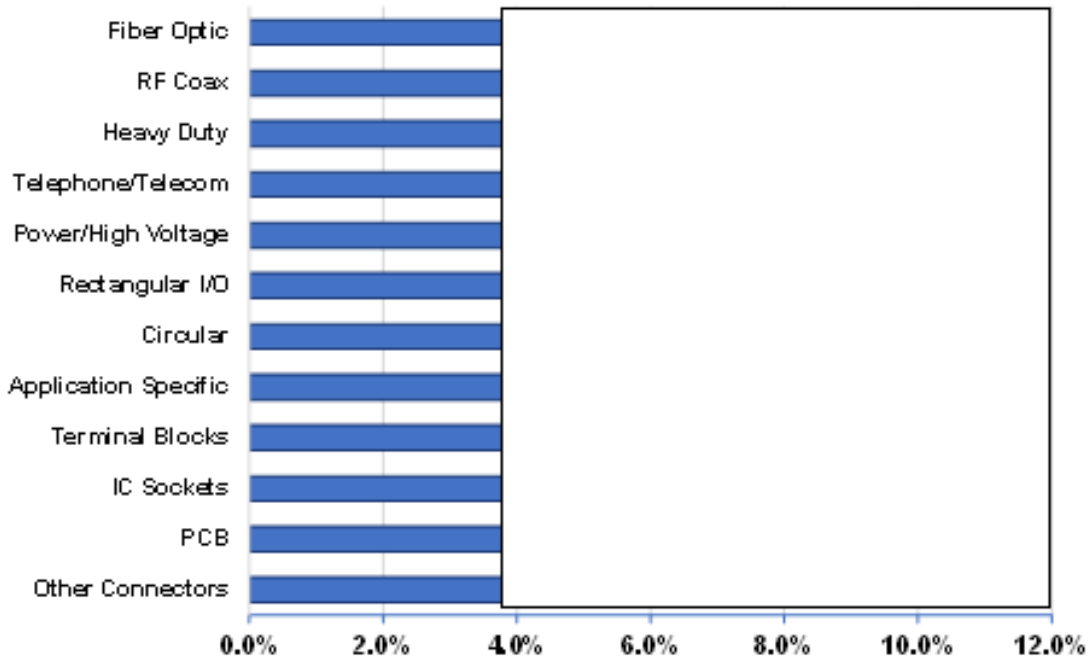
Worldwide Connector Market by Product Category 2030F Forecast & Five Year CAGR

Connector Category	2025F	2030F	2025/2030 CAGR
PCB			
Rectangular I/O			
IC Sockets			
RF Coax			
Circular			
Telephone/Telecom			
Fiber Optic			
Terminal Blocks			
Heavy Duty			
Power/High Voltage			
Application Specific			
Other Connectors			
Total			

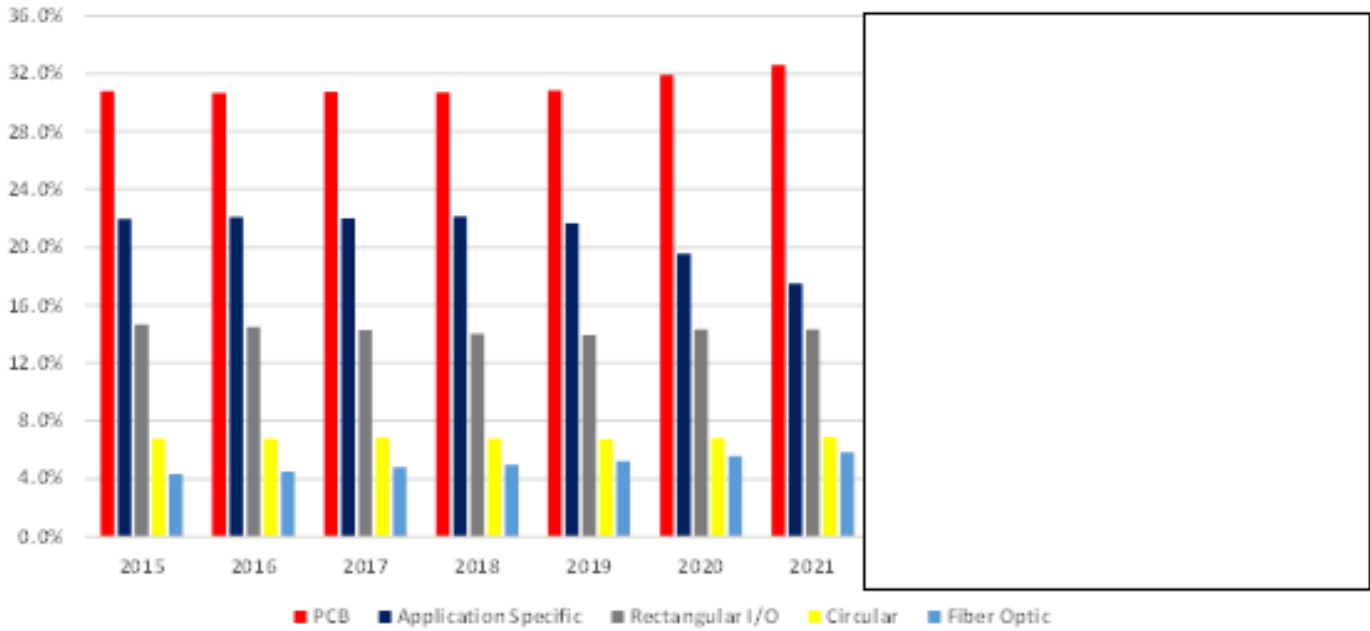
\$ Millions

© 2025 Bishop & Associates, Inc.

2025F/2030F Connector Five-Year CAGR Ranked by Percent Growth



**World Connector Market
Top Five Product Categories
Percent of Total Sales**



2015 Worldwide Connector Market by Product Category

Connector Category	North	Percent		Percent		Percent		Percent
	America	Total	Europe	Total	Japan	Total	China	Total
PCB	\$2,877.3	25.6%	\$2,665.1	25.5%	\$1,497.1	31.5%	\$5,002.3	34.0%
Rectangular I/O	\$1,340.4	11.9%	\$1,245.1	11.9%	\$741.6	15.6%	\$2,469.8	16.8%
IC Sockets	\$254.5	2.3%	\$248.0	2.4%	\$136.7	2.9%	\$480.2	3.3%
RF Coax	\$646.3	5.8%	\$563.9	5.4%	\$233.1	4.9%	\$795.2	5.4%
Circular	\$1,122.0	10.0%	\$882.9	8.4%	\$299.0	6.3%	\$654.3	4.4%
Telephone/Telecom	\$255.7	2.3%	\$196.5	1.9%	\$103.1	2.2%	\$790.2	5.4%
Fiber Optic	\$434.1	3.9%	\$333.6	3.2%	\$165.6	3.5%	\$876.2	6.0%
Terminal Blocks	\$242.0	2.2%	\$247.4	2.4%	\$89.7	1.9%	\$218.8	1.5%
Heavy Duty	\$265.2	2.4%	\$264.7	2.5%	\$90.4	1.9%	\$177.1	1.2%
Power/High Voltage	\$188.6	1.7%	\$171.3	1.6%	\$122.5	2.6%	\$151.3	1.0%
Application Specific	\$3,088.5	27.5%	\$3,173.6	30.4%	\$1,045.8	22.0%	\$2,467.0	16.8%
Other Connectors	\$518.6	4.6%	\$460.6	4.4%	\$235.5	4.9%	\$636.7	4.3%
Total	\$11,233.2	100.0%	\$10,452.7	100.0%	\$4,760.1	100.0%	\$14,719.1	100.0%

\$ Millions

Connector Category	Asia	Percent		Percent		Percent
	Pacific	Total	ROW	Total	Total	Total
PCB	\$3,046.3	35.5%	\$688.1	30.0%	\$15,776.2	30.3%
Rectangular I/O	\$1,499.9	17.5%	\$338.5	14.8%	\$7,635.3	14.7%
IC Sockets	\$300.7	3.5%	\$62.0	2.7%	\$1,482.1	2.8%
RF Coax	\$475.3	5.5%	\$133.4	5.8%	\$2,847.2	5.5%
Circular	\$391.7	4.6%	\$182.3	8.0%	\$3,532.2	6.8%
Telephone/Telecom	\$455.1	5.3%	\$83.9	3.7%	\$1,884.5	3.6%
Fiber Optic	\$427.0	5.0%	\$119.6	5.2%	\$2,356.1	4.5%
Terminal Blocks	\$123.8	1.4%	\$63.0	2.7%	\$984.7	1.9%
Heavy Duty	\$121.3	1.4%	\$47.3	2.1%	\$966.0	1.9%
Power/High Voltage	\$110.1	1.3%	\$24.7	1.1%	\$768.5	1.5%
Application Specific	\$1,238.8	14.4%	\$418.2	18.2%	\$11,431.9	22.0%
Other Connectors	\$402.6	4.7%	\$131.1	5.7%	\$2,385.1	4.6%
Total	\$8,592.6	100.0%	\$2,292.1	100.0%	\$52,049.8	100.0%

\$ Millions

2016 Worldwide Connector Market by Product Category

Connector Category	North	Percent		Percent		Percent		Percent
	America	Total	Europe	Total	Japan	Total	China	Total
PCB	\$2,930.1	25.3%	\$2,777.9	25.2%	\$1,342.8	30.6%	\$5,462.3	33.2%
Rectangular I/O	\$1,404.6	12.1%	\$1,290.5	11.7%	\$655.6	14.9%	\$2,718.9	16.5%
IC Sockets	\$263.8	2.3%	\$245.8	2.2%	\$112.4	2.6%	\$507.9	3.1%
RF Coax	\$675.4	5.8%	\$601.9	5.5%	\$220.3	5.0%	\$952.6	5.8%
Circular	\$1,159.0	10.0%	\$919.0	8.3%	\$264.1	6.0%	\$743.8	4.5%
Telephone/Telecom	\$292.4	2.5%	\$217.9	2.0%	\$93.3	2.1%	\$894.9	5.4%
Fiber Optic	\$499.5	4.3%	\$374.6	3.4%	\$150.4	3.4%	\$1,032.4	6.3%
Terminal Blocks	\$255.0	2.2%	\$266.6	2.4%	\$81.6	1.9%	\$255.8	1.6%
Heavy Duty	\$275.2	2.4%	\$278.6	2.5%	\$81.1	1.8%	\$193.1	1.2%
Power/High Voltage	\$195.0	1.7%	\$186.8	1.7%	\$127.3	2.9%	\$168.0	1.0%
Application Specific	\$3,101.6	26.8%	\$3,366.9	30.6%	\$1,052.5	24.0%	\$2,812.3	17.1%
Other Connectors	\$524.4	4.5%	\$488.4	4.4%	\$209.6	4.8%	\$723.4	4.4%
Total	\$11,576.0	100.0%	\$11,015.0	100.0%	\$4,391.0	100.0%	\$16,465.4	100.0%

\$ Millions

Connector Category	Asia	Percent		Percent		Percent
	Pacific	Total	ROW	Total	Total	Total
PCB	\$2,951.6	35.6%	\$759.5	31.4%	\$16,224.2	30.0%
Rectangular I/O	\$1,426.0	17.2%	\$361.7	14.9%	\$7,857.3	14.5%
IC Sockets	\$285.5	3.4%	\$66.0	2.7%	\$1,481.4	2.7%
RF Coax	\$459.3	5.5%	\$141.4	5.8%	\$3,050.9	5.6%
Circular	\$382.9	4.6%	\$198.7	8.2%	\$3,667.5	6.8%
Telephone/Telecom	\$431.3	5.2%	\$81.1	3.4%	\$2,010.9	3.7%
Fiber Optic	\$424.8	5.1%	\$129.5	5.4%	\$2,611.2	4.8%
Terminal Blocks	\$118.2	1.4%	\$61.4	2.5%	\$1,038.6	1.9%
Heavy Duty	\$115.8	1.4%	\$50.0	2.1%	\$993.8	1.8%
Power/High Voltage	\$109.9	1.3%	\$26.0	1.1%	\$813.0	1.5%
Application Specific	\$1,219.9	14.7%	\$411.3	17.0%	\$11,964.5	22.1%
Other Connectors	\$371.5	4.5%	\$132.8	5.5%	\$2,450.1	4.5%
Total	\$8,296.7	100.0%	\$2,419.5	100.0%	\$54,163.7	100.0%

\$ Millions

World Connector Market Handbook

2017 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular I/O								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

World Connector Market Handbook

2018 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular IO								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

World Connector Market Handbook

2019 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular I/O								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
HeavyDuty								
Power/High Voltage								
Application Specific								
Other Connectors								
T otal								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
HeavyDuty						
Power/High Voltage						
Application Specific						
Other Connectors						
T otal						

\$ Millions

World Connector Market Handbook

2020 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular IO								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy/Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
PCB					
Rectangular IO					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

World Connector Market Handbook

2021 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular IO								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total	Percent Total
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

World Connector Market Handbook

2022 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular IO								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Percent Total
PCB					
Rectangular IO					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

World Connector Market Handbook

2023 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular IO								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

World Connector Market Handbook

2024 Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular I/O								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

World Connector Market Handbook

2025F Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB	[Empty Data Area]							
Rectangular IO								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
PCB	[Empty Data Area]					
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

World Connector Market Handbook

2030F Worldwide Connector Market by Product Category

Connector Category	North America	Percent Total	Europe	Percent Total	Japan	Percent Total	China	Percent Total
PCB								
Rectangular I/O								
IC Sockets								
RF Coax								
Circular								
Telephone/Telecom								
Fiber Optic								
Terminal Blocks								
Heavy Duty								
Power/High Voltage								
Application Specific								
Other Connectors								
Total								

\$ Millions

Connector Category	Asia Pacific	Percent Total	ROW	Percent Total	Total	Percent Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2015 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers	Business		Medical	Industrial	Automotive
	and Peripherals	Office Equipment	Instruments	Equipment	Equipment	Equipment
PCB	\$3,711.3	\$346.4	\$667.2	\$673.1	\$1,874.8	\$2,210.5
Rectangular I/O	\$2,376.8	\$169.2	\$277.8	\$191.1	\$1,087.8	\$436.0
IC Sockets	\$472.7	\$34.4	\$90.2	\$37.6	\$292.0	\$5.6
RF Coax	\$332.2	\$25.0	\$132.0	\$171.8	\$310.8	\$452.6
Circular	\$80.6	\$19.0	\$41.7	\$186.6	\$577.7	\$101.9
Telephone/Telecom	\$137.7	\$9.7	\$25.4	\$4.7	\$47.1	\$3.8
Fiber Optic	\$195.5	\$18.7	\$65.3	\$69.6	\$197.9	\$11.0
Terminal Blocks	\$35.9	\$14.8	\$13.6	\$21.6	\$433.2	\$9.4
Heavy Duty	\$0.0	\$20.5	\$7.7	\$57.3	\$489.8	\$53.9
Power/High Voltage	\$76.8	\$1.3	\$6.2	\$33.8	\$169.6	\$196.6
Application Specific	\$175.9	\$31.9	\$135.7	\$142.0	\$365.8	\$8,039.5
Other Connectors	\$248.4	\$14.7	\$60.1	\$27.5	\$433.7	\$279.4
Total	\$7,843.9	\$705.6	\$1,522.9	\$1,616.8	\$6,280.1	\$11,800.2

\$ Millions

Connector Category	Transportation	Military	Data/Telecom	Consumer	Other	Total
	Equipment	Electronics	Equipment	Electronics	Electronics Equipment	
PCB	\$301.2	\$557.0	\$4,115.9	\$919.4	\$652.7	\$16,029.5
Rectangular I/O	\$707.4	\$453.9	\$1,084.3	\$524.2	\$326.8	\$7,635.3
IC Sockets	\$16.7	\$136.0	\$286.0	\$53.6	\$57.3	\$1,482.1
RF Coax	\$97.8	\$136.1	\$1,058.9	\$69.5	\$105.8	\$2,892.5
Circular	\$846.3	\$1,129.2	\$224.0	\$85.8	\$239.4	\$3,532.2
Telephone/Telecom	\$14.3	\$11.9	\$1,409.0	\$45.5	\$21.6	\$1,730.7
Fiber Optic	\$89.9	\$127.7	\$1,275.8	\$94.1	\$97.1	\$2,242.6
Terminal Blocks	\$261.1	\$40.6	\$131.3	\$8.3	\$14.9	\$984.7
Heavy Duty	\$66.9	\$113.2	\$87.6	\$16.1	\$53.0	\$966.0
Power/High Voltage	\$45.6	\$87.5	\$101.1	\$11.5	\$25.0	\$755.0
Application Specific	\$773.5	\$204.0	\$696.1	\$538.5	\$324.9	\$11,427.8
Other Connectors	\$313.4	\$137.7	\$434.4	\$258.4	\$163.8	\$2,371.5
Total	\$3,534.1	\$3,134.8	\$10,904.2	\$2,624.9	\$2,082.3	\$52,049.8

\$ Millions

2016 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers	Business		Medical	Industrial	Automotive
	and Peripherals	Office Equipment	Instruments	Equipment	Equipment	Equipment
PCB	\$3,743.9	\$337.9	\$681.9	\$682.6	\$1,925.9	\$2,383.7
Rectangular I/O	\$2,392.6	\$165.5	\$284.4	\$194.9	\$1,123.4	\$484.9
IC Sockets	\$442.2	\$34.5	\$91.5	\$38.1	\$297.9	\$6.0
RF Coax	\$342.3	\$24.5	\$137.8	\$174.7	\$323.7	\$493.6
Circular	\$79.7	\$18.6	\$42.7	\$189.8	\$593.3	\$129.4
Telephone/Telecom	\$144.2	\$9.8	\$26.3	\$5.4	\$51.8	\$22.2
Fiber Optic	\$224.1	\$18.4	\$67.4	\$71.9	\$210.4	\$13.0
Terminal Blocks	\$30.6	\$14.6	\$14.1	\$21.5	\$446.8	\$52.2
Heavy Duty	\$0.0	\$20.1	\$7.7	\$58.3	\$507.8	\$64.0
Power/High Voltage	\$71.9	\$1.3	\$6.2	\$34.1	\$174.8	\$235.6
Application Specific	\$173.0	\$31.2	\$137.3	\$143.4	\$385.4	\$8,535.3
Other Connectors	\$245.0	\$14.4	\$60.8	\$27.2	\$433.9	\$340.0
Total	\$7,889.5	\$690.8	\$1,558.1	\$1,641.9	\$6,475.1	\$12,759.9

\$ Millions

Connector Category	Transportation	Military	Data/Telecom	Consumer	Other	Total
	Equipment	Electronics	Equipment	Electronics	Electronics	
PCB	\$315.7	\$561.4	\$4,405.2	\$919.3	\$660.1	\$16,617.6
Rectangular I/O	\$735.4	\$465.2	\$1,122.4	\$529.1	\$359.5	\$7,857.3
IC Sockets	\$17.3	\$137.9	\$307.9	\$50.1	\$58.0	\$1,481.4
RF Coax	\$103.0	\$139.6	\$1,140.6	\$73.8	\$97.3	\$3,050.9
Circular	\$888.1	\$1,142.0	\$249.7	\$96.6	\$237.6	\$3,667.5
Telephone/Telecom	\$14.8	\$13.5	\$1,491.9	\$32.6	\$19.6	\$1,832.1
Fiber Optic	\$97.0	\$132.2	\$1,424.8	\$96.0	\$99.0	\$2,454.2
Terminal Blocks	\$268.4	\$42.1	\$126.4	\$11.3	\$10.6	\$1,038.6
Heavy Duty	\$60.2	\$116.0	\$86.6	\$19.8	\$53.3	\$993.8
Power/High Voltage	\$47.5	\$89.9	\$98.8	\$13.1	\$24.5	\$797.7
Application Specific	\$803.5	\$207.9	\$722.9	\$529.1	\$283.9	\$11,952.9
Other Connectors	\$322.1	\$134.7	\$430.2	\$247.9	\$163.5	\$2,419.8
Total	\$3,673.0	\$3,182.4	\$11,607.3	\$2,618.7	\$2,066.9	\$54,163.7

\$ Millions

2017 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers	Business		Medical	Industrial	Automotive
	and Peripherals	Office Equipment	Instruments	Equipment	Equipment	Equipment
PCB	\$4,004.0	\$360.7	\$745.0	\$758.5	\$2,139.8	\$2,675.6
Rectangular I/O	\$2,549.6	\$186.6	\$310.3	\$215.0	\$1,261.5	\$531.2
IC Sockets	\$495.0	\$39.1	\$100.4	\$41.6	\$332.6	\$39.3
RF Coax	\$358.6	\$25.3	\$161.3	\$198.8	\$361.5	\$553.4
Circular	\$82.0	\$19.7	\$46.4	\$211.6	\$661.5	\$141.5
Telephone/Telecom	\$132.5	\$10.5	\$28.1	\$3.3	\$57.9	\$25.3
Fiber Optic	\$288.9	\$20.6	\$73.0	\$76.8	\$235.0	\$15.8
Terminal Blocks	\$33.0	\$15.7	\$13.9	\$21.8	\$498.9	\$57.0
Heavy Duty	\$0.0	\$21.6	\$8.6	\$63.7	\$566.8	\$71.9
Power/High Voltage	\$75.8	\$2.0	\$7.5	\$36.4	\$195.2	\$335.6
Application Specific	\$169.0	\$29.0	\$154.2	\$169.3	\$430.2	\$9,483.0
Other Connectors	\$259.1	\$15.6	\$67.6	\$27.1	\$488.8	\$371.2
Total	\$8,447.5	\$746.3	\$1,716.3	\$1,823.9	\$7,229.6	\$14,300.7

\$ Millions

Connector Category	Transportation	Military	Data/Telecom	Consumer	Other	Total
	Equipment	Electronics	Equipment	Electronics	Electronics	
PCB	\$363.0	\$610.3	\$5,027.8	\$1,036.4	\$752.1	\$18,473.2
Rectangular I/O	\$815.7	\$505.1	\$1,239.1	\$572.5	\$397.3	\$8,583.9
IC Sockets	\$19.8	\$147.4	\$318.0	\$45.1	\$64.2	\$1,642.5
RF Coax	\$116.3	\$152.8	\$1,316.8	\$82.6	\$109.7	\$3,437.1
Circular	\$1,009.2	\$1,244.1	\$307.9	\$131.5	\$261.9	\$4,117.3
Telephone/Telecom	\$16.6	\$14.7	\$1,712.5	\$29.3	\$20.7	\$2,051.4
Fiber Optic	\$113.3	\$148.6	\$1,698.3	\$100.4	\$109.9	\$2,880.6
Terminal Blocks	\$292.0	\$45.2	\$126.6	\$15.9	\$11.3	\$1,131.3
Heavy Duty	\$70.8	\$126.0	\$72.1	\$21.5	\$56.9	\$1,079.9
Power/High Voltage	\$59.4	\$97.8	\$76.3	\$14.8	\$28.8	\$929.6
Application Specific	\$903.0	\$226.5	\$766.0	\$613.6	\$287.3	\$13,231.1
Other Connectors	\$357.8	\$146.3	\$370.9	\$275.8	\$177.7	\$2,557.9
Total	\$4,136.8	\$3,464.9	\$13,032.4	\$2,939.6	\$2,277.8	\$60,115.8

\$ Millions

2018 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Medical Instruments Equipment	Industrial Equipment	Automotive Equipment
PCB					
Rectangular I/O					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2019 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Medical Instruments Equipment	Industrial Equipment	Automotive Equipment
PCB					
Rectangular I/O					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2020 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Medical Instruments Equipment	Industrial Equipment	Automotive Equipment
PCB					
Rectangular I/O					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2021 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Medical Instruments Equipment	Industrial Equipment	Automotive Equipment
PCB					
Rectangular IO					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2022 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Medical Instruments Equipment	Industrial Equipment	Automotive Equipment
PCB					
Rectangular IO					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2023 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Instruments	Medical Equipment	Industrial Equipment	Automotive Equipment
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2024 Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Instruments	Medical Equipment	Industrial Equipment	Automotive Equipment
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Milions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Milions

2025F Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Instruments	Medical Equipment	Industrial Equipment	Automotive Equipment
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular IO						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions

2030F Worldwide Connector Market Product Category / End-Use Equipment Matrix

Connector Category	Computers and Peripherals	Business Office Equipment	Medical Instruments Equipment	Industrial Equipment	Automotive Equipment
PCB					
Rectangular I/O					
IC Sockets					
RF Coax					
Circular					
Telephone/Telecom					
Fiber Optic					
Terminal Blocks					
Heavy Duty					
Power/High Voltage					
Application Specific					
Other Connectors					
Total					

\$ Millions

Connector Category	Transportation Equipment	Military Electronics	Data/Telecom Equipment	Consumer Electronics	Other Electronics Equipment	Total
PCB						
Rectangular I/O						
IC Sockets						
RF Coax						
Circular						
Telephone/Telecom						
Fiber Optic						
Terminal Blocks						
Heavy Duty						
Power/High Voltage						
Application Specific						
Other Connectors						
Total						

\$ Millions



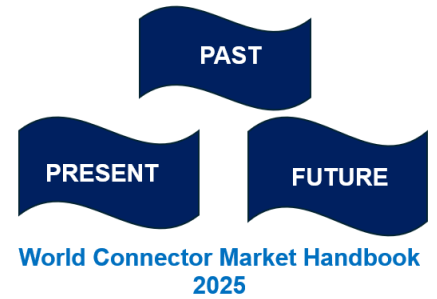
CHAPTER 2

ANALYSIS OF THE NORTH AMERICAN ELECTRONIC CONNECTOR MARKET



CHAPTER 3

ANALYSIS OF THE EUROPEAN ELECTRONIC CONNECTOR MARKET



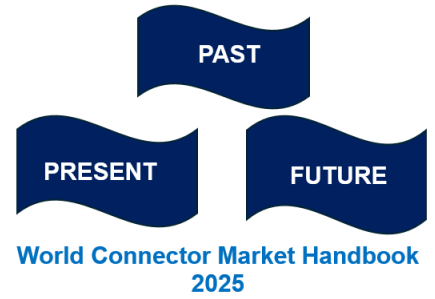
CHAPTER 4

ANALYSIS OF THE JAPANESE ELECTRONIC CONNECTOR MARKET



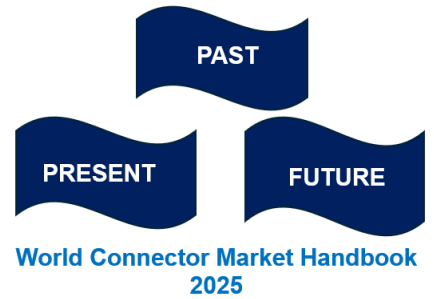
CHAPTER 5

ANALYSIS OF THE CHINESE ELECTRONIC CONNECTOR MARKET



CHAPTER 6

ANALYSIS OF THE ASIA PACIFIC ELECTRONIC CONNECTOR MARKET



CHAPTER 7

ANALYSIS OF THE ROW ELECTRONIC CONNECTOR MARKET

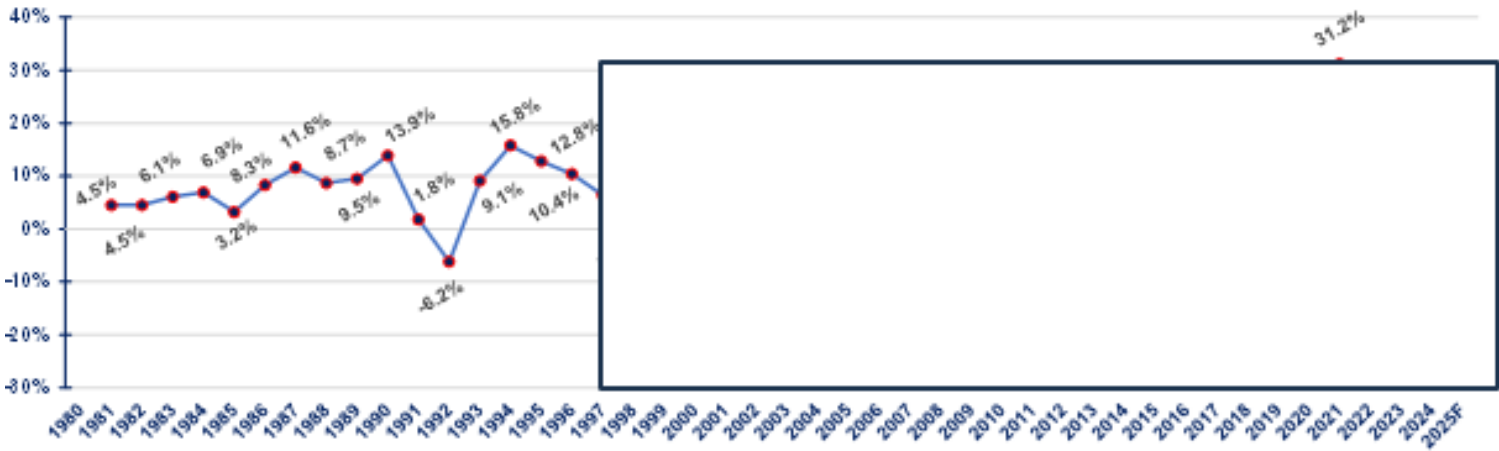
World Connector Market Handbook

ANALYSIS OF THE ROW ELECTRONIC CONNECTOR MARKET

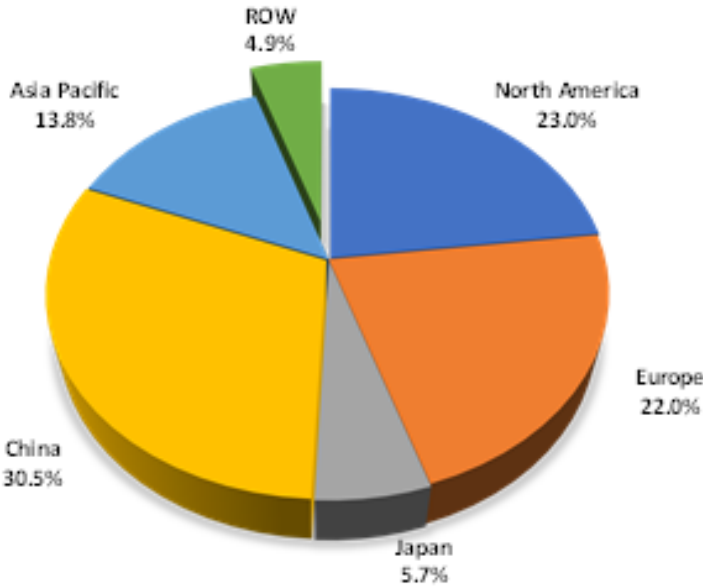
The ROW region is the smallest connector region in the world and recorded connector sales of



ROW Market Year-to-Year Growth 1981-2025F



Rest of the World as Percent of Total Connector Market – 2024



End-Use Equipment Sectors

Telecom
Telecom
largest s
share.

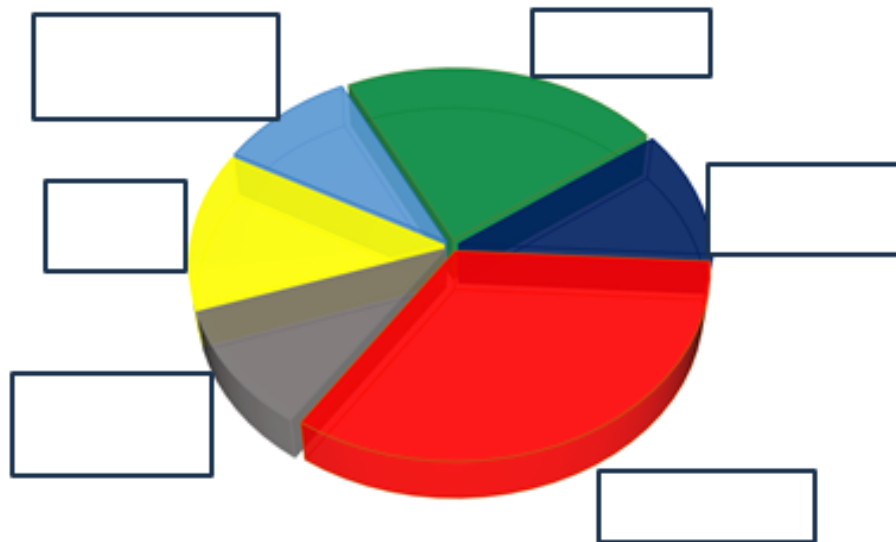
ROW Connector Market by End-Use Equipment Sector

Sector	2024	2025F	Percent Change
Computers & Peripherals			
Business/Office Equipment			
Instrumentation			
Medical Equipment			
Industrial			
Automotive			
Transportation (non-auto)			
Military/Aerospace			
Telecom/Data.com			
Consumer			
Other			
Total			

\$ Millions

© 2025 Bishop & Associates, Inc.

2024 ROW Connector Market - Top Five Equipment Sectors



ROW Connector Market by Equipment Sector 2015 – 2025F

The remaining tables for each region contain the same breakout tables as shown in the Chapter 1 sample pages.