

The Yearbook of World Electronics Data 2019

The Yearbook of World Electronics Data – tracking developments in the global electronics industry

With a history of over 45 years Reed Electronics Research (RER) has provided an invaluable insight into the global trends, regional variations and the underlying state of the global electronics market for all stages of the supply chain - OEM, contract manufacturing and design, components and materials suppliers to financial / industry analysts and government and academia.

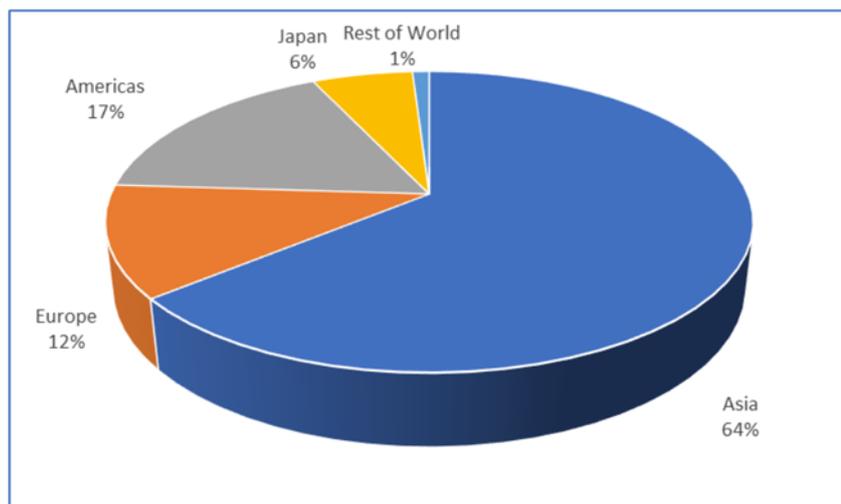
Although encompassing a range of published and bespoke products the core of RER's research programme is one of the most comprehensive statistical databases covering the global electronics industry, with the resulting analysis being published through three concise and clear demographic volumes, as a series of individual country reports, through customised solutions to meet specific client requirements and, from 2012, as a series of Excel databases providing the combination of both historical and forecasted data.

www.rer.co.uk

Output for the global electronics industry is forecast to reach US\$1,941 billion in 2018 and compared to just over US\$450 billion thirty years earlier. Over the period the dynamics of the industry has changed. Production has migrated from high cost to low cost locations and China has emerged as the focal point for electronics equipment production for high volume products in the computing, consumer and communications, or the 3C segment of the market.

In 2018, China accounted for an estimated 37% of electronics production up from 2.6% in 1995 while low-cost geographies overall accounted for 71% of the total in 2018 (1995: 25%). In the same period production in the mature geographies has fallen to 29% from 75% in 1995.

Despite the migration of production to lower cost facilities a significant proportion of equipment production, where the focus is on lower volume higher mix products, has remained in Western Europe and the US. These sectors, primarily in the industrial, medical and communications (including defence) sectors of the market will continue to offer significant opportunities for a wide range of companies. Both regions will also benefit from their leading position in research, design and development.



Percentage of Electronics output by Region 2018

The requirement for lower cost manufacturing within closer proximity of the end market has benefited both Mexico and Central and Eastern Europe. Initially, the focus for higher volume manufacturing the pressure to reduce costs has seen an increase in the production of more complex products, a trend which will accelerate over the next five years.

In Asia, China itself is coming under increasing pressure as the major global OEMs and Electronics Manufacturing Services (EMS) providers look to relocate production to offset, initially higher costs, but more recently to counter higher trade tariffs as the trade war between the US and China escalates. India and Indonesia, with large domestic markets and the recent move by their respective governments to introduce requirements for "local" manufacture, and the benefits of lower costs in Vietnam, will be attractive alternatives to manufacturing in China.

The benefits from producing within or close to the market will also see the transfer of production currently undertaken in Europe and North America to the emerging markets.

"The Yearbook of World Electronics Data - enabling you to put your business into a regional and global context"

53 country coverage, 13 major product groups

The Yearbook of World Electronics Data series presents market and production statistics for the **GLOBAL** electronics industry. Available in three published volumes covering 53 countries and 13 major product groups, the yearbook is used in the formulation of business and market planning, in tracking trends based on a clear understanding on how the industry has developed historically and to provide a basis for medium and long-term forecasting.

2019 Series

Volume 1 2019 West Europe

Synopsis: Economic Overview; Electronics Market Overview; Imports 2016-2017; Exports 2016-2017; Production Data 2016-2019; Market Data 2016-2022

16 country coverage:

Austria; Belgium; Denmark; Finland; France; Germany; Greece; Ireland; Italy; Netherlands; Norway; Portugal; Spain; Sweden; Switzerland; UK

Publication Data: April 2019

Volume 2 2018 America, Japan, Asia Pacific

Synopsis: Economic Overview; Electronics Market Overview; Imports 2016-2017; Exports 2016-2017; Production Data 2016-2019; Market Data 2016-2022

19 country coverage:

Australia; Brazil; Canada; China, Hong Kong; India; Indonesia; Israel; Japan; Malaysia; Mexico, Philippines; Singapore; South Africa; South Korea; Taiwan Thailand; Vietnam, USA

Publication Data: July/August 2019

Volume 3 2018 East Europe & World Summary

Synopsis: Economic Overview; Electronics Market Overview; Imports 2016-2017; Exports 2016-2017; Production Data 2016-2019; Market Data 2016-2022

13 country coverage:

Bulgaria; Croatia; Czech Republic; Estonia; Hungary; Lithuania; Poland; Romania; Russia; Slovakia; Slovenia; Turkey, Ukraine

53 Country World Summary covering production data 2015-2018 and market data for 2015-2021

Publication Data: September 2019

For each country production and market data is supplied for the following product groups:

- Computers
- Consumer – Video; Audio; Personal
- Control & Instrumentation
- Medical
- Industrial
- Office Equipment
- Radio Communications
- Telecommunications
- Components – Passive Components; Semiconductors; Other Components

Methodology

The Yearbooks highlight market trends and opportunities and offer corroborative evidence for individual research. Each new edition is fully revised and updated. Trade statistics are analyzed in detail, with over 500 separate categories being employed. Production statistics are collected from Government and Manufacturer's Association sources where these are available. Extensive use is also made of research reports, company reports, news items and work by other consultants to supplement and cross check the official and semi-official sources.

Markets are forecast in real terms for the next five years, with production forecast for the next two years, using constant exchange rates and excluding inflation. These are based on our extensive knowledge of the historical performance of each product, the general economic outlook and the major growth influencing factors.



Related Products & Services

Electronic Delivery

The **Yearbook of World Electronics Data** is available on CD-ROM in a combination of text and spreadsheet formats allowing you to customise and manipulate the data quickly and easily.

- Produce your own subsets or summaries of the data by product or geographical region/territories of your own choice
- Build your own assumptions and calculations into the forecasts
- Copy and paste into your own reports, presentations and other documents.

For larger organisations/companies the Yearbook Corporate Licence allows global distribution throughout your organisation.

European Electronics Production 2000-2022

As part of its program of research covering developments in the European electronics industry RER has released a statistical database providing a medium term outlook for electronics production in Europe. Covering the period 2000-2022 the research allows you to track developments both geographically and by major product group.

The database is provided as an Excel spreadsheet providing production data for 13 product groups and 29 countries split by Western Europe and Central and Eastern Europe. The 2018 update is published in September with subscribers ordering prior to publication receiving the current database free of charge.

Global Electronics Production & Markets

Launched in 2012, Global Electronics Production & Markets provides top line analysis on the global electronics industry for the period 2000 to 2022 for markets and 2000-2019 for production. Through two Excel databases (Pivot Tables) you can quickly analyse the structure of the global industry and how it has changed both geographically, through RER's unique coverage of 53 countries, and by thirteen major product groups. The database will be fully updated in September 2019.

Country Reports

Drawing on data from its core statistical database RER provides a quick, reliable and cost-effective assessment of the electronics industry for an individual country. For a full listing please visit www.rer.co.uk

Custom Research

Building on the flexibility of the two databases and the Yearbook series we can quickly search data by product or country/region to provide solutions tailored to your specific needs or budgets. Ideal for input into internal presentations/ documents the data is supplied via email.

European Electronic Markets Forecast

Market data is only one part of the equation when analyzing the European electronics industry. Updated monthly, *European Electronic Markets Forecast* (EEMF) enables you to track with minimum time and cost, the key issues and opportunities impacting the European electronics industry. From originally researched articles to the latest company developments and market analysis EEMF is your virtual "Research Analyst" utilizing over 35 years of industry and market research experience to provide you both in hardcopy and electronic formats not only reliable but objective analysis and news on the European and global electronics industry.

**To discuss the Yearbook or any of the related products please contact:
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