Global Electronics Production 1995-2023 & Markets 1995-2026

Computers
Communications
Consumer
Control & Instrumentation
Medical
Industrial
Office Equipment
Semiconductors
Passive Components
Other Components

REED ELECTRONICS RESEARCH

Global Electronics Industry Database 1995 - 2026 – Global, regional and country analysis

Global Production Overview

With a history now spanning 50 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.

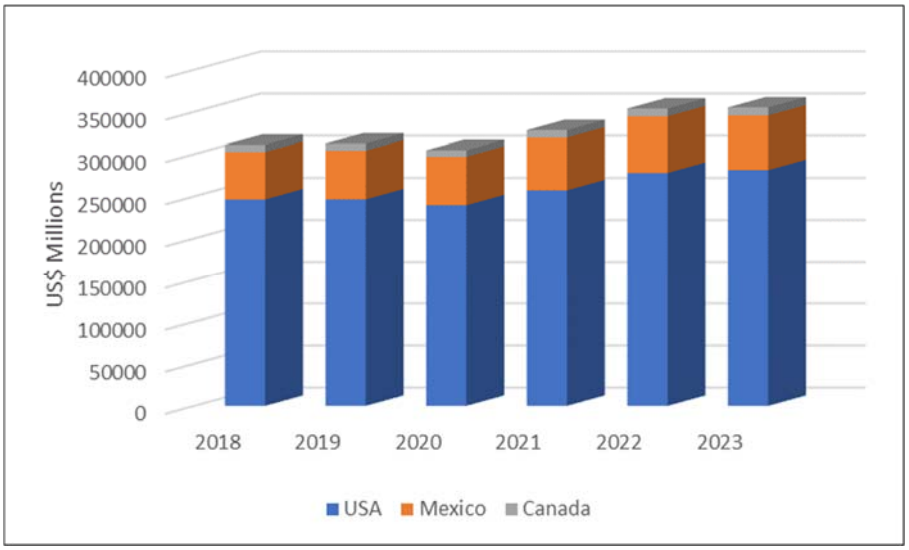
Launched in 2012, The Global Electronics Industry Database 1995-2026 brings together in a single source top line analysis on the global electronics industry. Through two Excel spreadsheets you can quickly analyse the structure of the global industry and how it has changed both geographically, through RER's unique coverage of 53 countries, and by thirteen major product groups

In providing the data we have taken into account developments in the global economy including the impact of geopolitical tensions including US sanctions against China, the wars in Ukraine and the Gazza strip and continued elevated inflation. However, significant downside risks remain which could lead to growth in 2023 and 2024 being lower than forecast. We currently expect growth to ease over the final months of 2023 and into 2024 before gaining momentum in the latter half of the year and then accelerate. Component shortages have continued to ease over the course of 2023 and are expected to normalise in 2024. The forecasts for 2023 through to 2026 are based on constant 2022 exchange rates and prices and therefore exclude the impact of inflation.

Americas

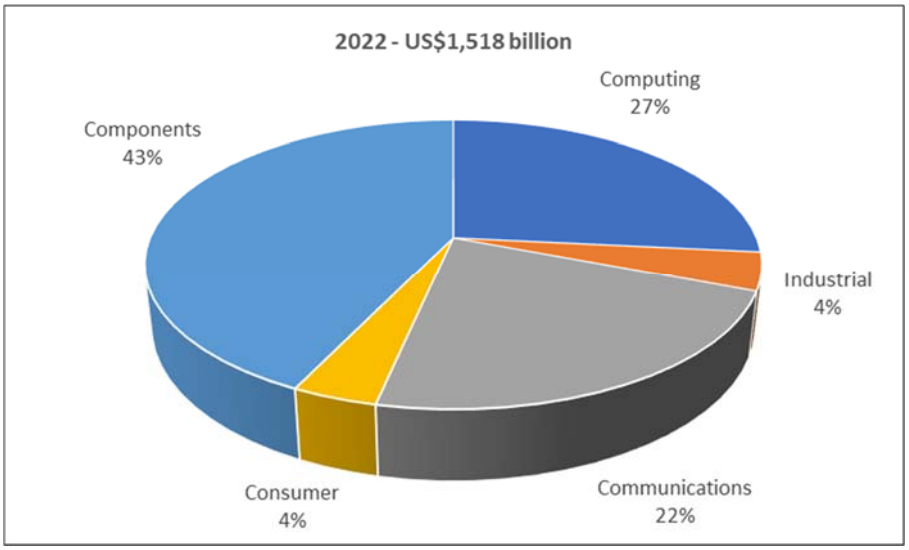
Within the Yearbook series the Americas covers Brazil and the three countries making-up North America.

In 2022, electronics production in North America amounted to US$354 billion in 2022 with the US dominating accounting for 78.5% of the total. Mexico, which acts as the low-cost production base for the region, accounted for 18.9% while Canada accounted for only 2.6%. After increasing in US dollars by 7.8% in both 2021 and 2022, growth is forecast to ease to 0.4% in 2023.



North American Electronics Production by Country 2018-2023

After growth of 6.9% in 2022 the production of electronics equipment in the USA is forecast to ease to 2.4% in 2023 while electronics component output is forecast to decline by 2.2% after posting double-digit growth of 11.1% in 2022. Although US companies will continue to look to locate manufacturing in low-cost locations, notably Mexico due to its proximity, they are also looking to manufacture domestically, to offset trade tariffs, and to take advantage of the introduction of favourable policies to support local manufacturing.



Asian Electronics Production by Sector 2022

Japan

After three years of declining output between 2018 and 2020 electronics production posted its second year of consecutive growth in 2022, although at 2.2% it was below the prior year's increase of 8.9%. Based on official figures for the first six months of the year overall electronics output, is forecast to be flat in 2023 an 8.4% rise in electronic equipment production offset by a 6.7% decline in electronics component output.

Asia

In 2022, the production of electronics equipment and components in Asia was valued at US$1,518 billion of which components accounted for 43%. Electronics equipment production, which accounted for 57% of the total, is dominated by computing and communications.

China dominates electronics production in the region with total electronics output valued at US$874 billion in 2022. South Korea and Taiwan, with their strong focus on semiconductors, both reported electronics production of over US$100 billion in 2021 at US$153 billion and US$142 billion, respectively while Singapore with output of US$99 billion and Malaysia US$79 billion also benefited from an established semiconductor industry. Vietnam, which due to its low-costs has seen explosive growth in recent years, is a major centre for the production of mobile phones with overall electronics output of US$78 billion in 2022. Electronics production in India was valued at US$34 billion in 2021 growth being supported by government incentives as the country looks to establish itself as a major global manufacturing hub.

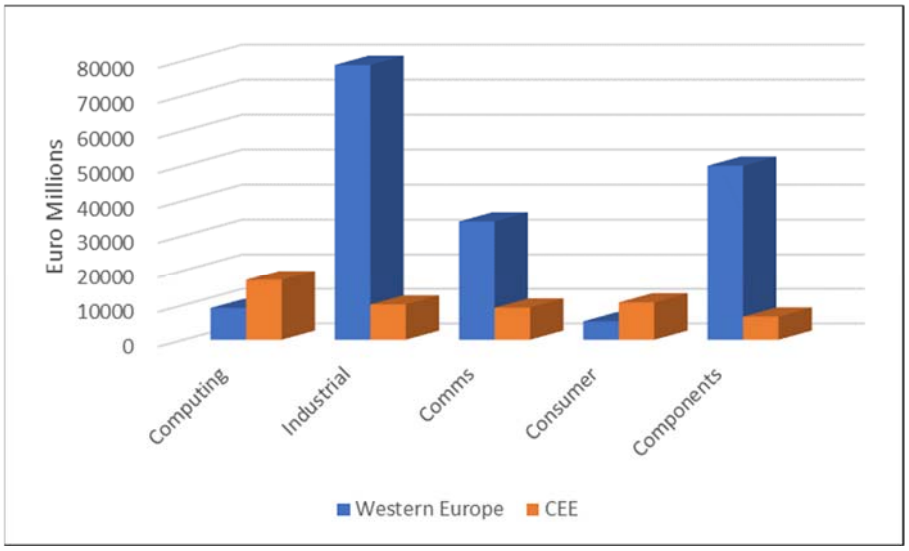
Europe

In Euro's the production of electronic equipment in Western Europe increased by an estimated 5.9% in 2022 to Euro 127.3 billion and compared to growth of 6.4% in the prior year as output rebounded from the pandemic. The industrial segment, which accounted for an estimated 61.9% of electronics equipment output in 2022, has been a key driver of growth following the COVID-19 led-recession. Germany accounted for 30.2% of electronics equipment output in 2022 and its overall share is expected to edge down to 30.0% in 2026. France and the UK which are traditionally strong in communications will like the majority of countries also benefit from the growth in the industrial segment in the later part of the forecast.

In 2022, the production of electronic components in Western Europe amounted to Euro 50.0 billion, 28.2% of overall electronics production.

Electronics output in CEE, excluding Russia and Ukraine amounted to US$56.7 billion in 2022, down from US$58.9 billion a year earlier with the top three countries the Czech Republic, Poland and Hungary accounting for 67.9% of the total in 2022. CEE's electronics industry is focused on a small number of major global OEMs and electronic manufacturing services providers with the focus on the 3C segments.

In total, the 3C segments amounted to US$38.6 billion in 2022, 68.2% of electronics output. 3C production is centred on five countries with Poland, Slovakia and Turkey major centres for TV production. Production in the Czech Republic is focused on computing while Hungary is produces a combination of computing and consumer electronics related equipment.



European Electronics Production by Product 2022

The database, which is fully revised and updated annually, is an essential business tool for a wide variety of job functions including:

Corporate Analysts
Market Researchers
Business and Sales Development
Industry Watchers
Investment Professionals
Strategic Planners
Government Policy Makers
Trade Analysts
Academics

And for a wide range of organisations including:

Companies involved in the electronics industry, from equipment suppliers to component manufacturers and distributors.

For companies supplying materials and services to the electronics industry.

Financial institutions and management/research consultancies

Government/trade associations/academic research

Global Electronics Production & Markets

Through a combination of both historical and the latest forecast data, *The Global Electronics Database* provides the user the flexibility to analyse how the industry has changed over time, the relative importance of specific countries both regionally and on a global basis and on which products are critical to a countries electronics industry.

Provided as two separate Excel spreadsheets, RER's Global Electronics Production & Market Database provides you the opportunity to access one of the most comprehensive sources of statistical data on the global electronics industry and in a format that allows you the flexibility to quickly tailor the data to meet your specific needs.

The database provides:

Top level market data for 13 major product groups…

- Computing
- Office Equipment
- Control & Instrumentation
- Medical
- Industrial
- Communications & Radar
- Telecommunications
- Consumer Video
- Consumer Audio
- Consumer Other
- Semiconductors
- Passive Components
- Other Components

… and 48 countries worldwide split by the following regions:

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

Central and Eastern Europe: Bulgaria; Croatia; Czech Republic; Estonia; Hungary; Lithuania; Poland; Romania; Russia; Ukraine; Slovakia; Slovenia; Turkey; Ukraine

Americas: Brazil; Canada; Mexico; USA

Japan

Asia: Australia; China; Hong Kong; India; Indonesia; Malaysia; Philippines; Singapore; South Korea; Taiwan; Thailand; Vietnam

Rest of World: Israel; South Africa

Supplementary data is also provided for five additional countries: Egypt, New Zealand, Puerto Rico , Saudi Arabia and Venezuela.

Historical data back to 1995

Production data through to 2023

Market data through to 2026

Custom Research

Building on the flexibility of the two databases 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.

For further information and pricing please contact andrew.fletcher@rer.co.uk/Tel: +44 1235 227310

With a history spanning over 50 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 to 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. In addition to the Global Electronics Production & Markets Database, the in-depth analysis is published through three concise and clear demographic volumes, as a series of individual country reports and through customised solutions to meet specific client requirements.

Yearbook of World Electronics Data

With more in-depth coverage the Yearbook Series is the definitive Market Reference to global electronics production and markets, covering 53 countries and 13 principal product groups. Data are compiled from primary sources including official government bodies, National Trade Associations, Eurostat, and presented in a format which is... comparable country to country and product by product. First published in 1973, the Yearbook is now available in three volumes in both hard copy and electronic formats.

Yearbook of World Electronics Data – Volume 1 West Europe

Yearbook of World Electronics Data – Volume 2 Americas, Japan, Asia Pacific

Yearbook of World Electronics Data – Volume 3 East Europe & World Summary

Country Reports

Drawing on data from its core statistical database RER can provide a quick, reliable and cost-effective assessment of the electronics industry for a specific country.

For further information on RER's complete range of reports and research services please visit:

www.rer.co.uk

Return to Orders Department:

Tel: +44 (0) 1235 868620

Email: Orders@rer.co.uk

Post: Reed Electronics Research, Boston House, Grove Technology Park, Oxon OX12 9FF, United Kingdom

Global Electronics Production & Markets

Please Circle Your Option	£ Sterling	Euro/US$
Global Electronics Production (Excel Spreadsheet)	£1500	€1725/ $1875
Global Electronics Markets (Excel Spreadsheet)	£1500	€1725/ $1875
Global Electronics Production & Markets (Excel Spreadsheet)	£2750	€3165/ $3440
Corporate Licence - Single Database Both Databases	£3000 £5500	€3450/ $3750 €6325 $6875
European Customers: Please state your VAT number:		

Delivery Address

Name

Position

Address

City:

Postcode/Zip:

Country

Tel:

Fax:

Email Address:

Payment

☐ **Please charge my MasterCard, Visa American Express Card**

Cardholder Name:

Cardholder Address:

Expiry Date

Card Number

Security Number

☐ **Please invoice me: Company Purchase Order No:**

Signature: Date:

RER Ltd
Registered in England (Registered number 4596362)
VAT No: GB 798 3767 49