

REED
ELECTRONICS
RESEARCH

THE YEARBOOK OF WORLD ELECTRONICS DATA

Components
Computers
Consumer
Control and Instrumentation
Medical and Industrial
Office Equipment
Radio Communications
Telecommunications

Volume Two

AMERICAS, JAPAN, ASIA PACIFIC

2026

Yearbook of World Electronics Data Volume 2 2026 – An Overview of Electronics Production & Markets in the Americas, Japan & Asia Pacific

Introduction

In providing the forecasts for the current study, which were made at the end of October 2026, we have:

- An escalation of the US and Israeli war on Iran could leading to higher energy prices, further supply chain disruptions and lower investment and consumer spending on the back of weaker growth globally.
- The huge investments in AI and data centres is leading to severe supply constraints for memory chips and dramatically increasing prices. The current memory crunch is expected to continue into 2027 and potentially 2028.
- With higher memory costs pushing the cost of smartphones, PCs and other consumer electronics equipment higher it is expected that demand will weaken over the course of 2026 and into 2027. Manufacturers are also expected to focus on premium brand products.
- AI demand and raw material shortages are also impacting the supply of PCBs and other passive components including capacitors leading to higher prices and the potential of allocation.
- The current shortage of materials and components could lead to a spike in revenues as costs are passed through and lead to similar market conditions to 2022 and 2023.
- AI and data centre consumption will be a key driver of growth in the overall computer market in the period to 2028/2029.
- Defence will be a major contributor to growth over the period to 2029 as government's significantly increase spending.

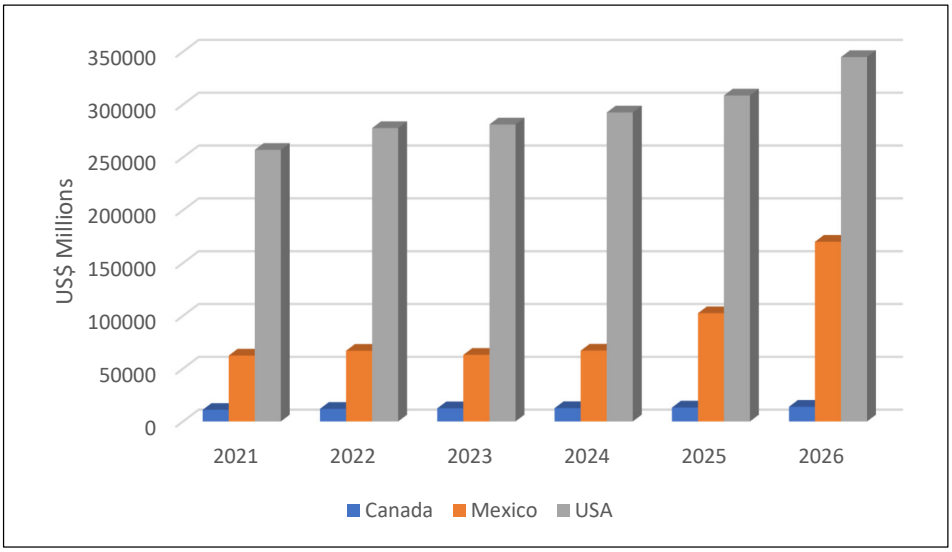
Despite the potential headwinds we expect growth in the electronics industry to strengthen over the course of 2026 and gain momentum in 2027 and 2028 with growth expected to ease in the final year of the forecast. However, the shortage of components and materials could see production and deliveries pushed into 2027.

Americas

In 2025, electronics production in North America amounted to US$424 billion with the US dominating accounting for 72.8% of the total. Mexico, which acts as the low-cost production base for the region, 24.2% while Canada accounted for only 3.0%. After increasing in US dollars by 4.3% in 2024, growth increased by 14.0% in 2025 with growth forecast to surge to 24.7% in 2026.

In Canada the growth in electronics output after increasing by 4.3% in 2023, eased to 1.2% in 2024 before rebounding with growth of 4.3% and 5.8% in 2025 and 2026, respectively. Communications and radar and control and instrumentation represented the largest segments accounting for 35.4% and 36.6% of electronics output in 2025, respectively in 2025. The component segment is small, accounting for only 7.5% of output in 2025.

In US dollars electronics output in Mexico increased by 6.3% in 2024 with growth seen across the computing, industrial and communications segments. Growth however is forecast to increase by 52.9% in 2025 and a further 66.1% in 2026 primarily due to a 97.7% and 95.0% increase in computer output in 2025 and 2026, respectively on the back of growth in AI and data centre related spending.



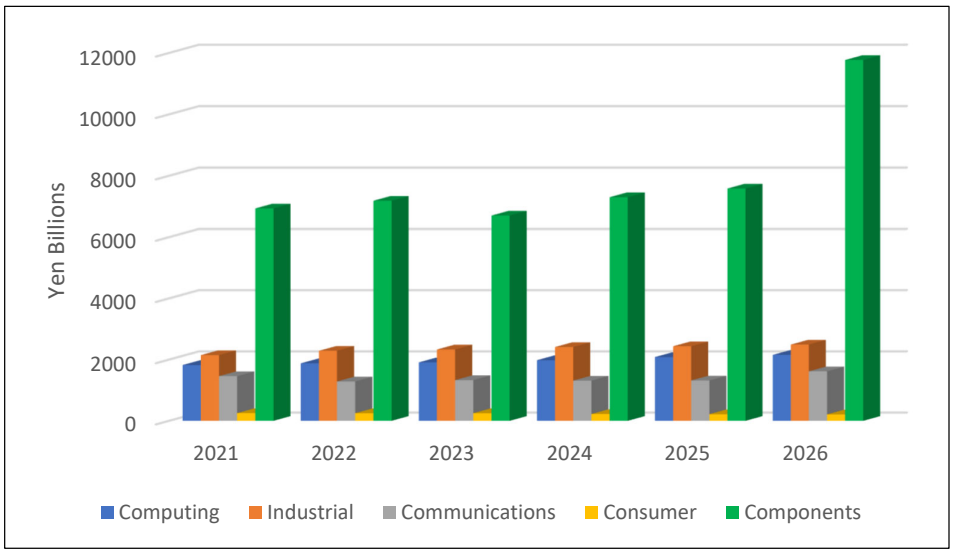
North American Electronics Production by Country 2021-2026

Mexico will continue to benefit from foreign investment as both OEMs and EMS/ODMs look to utilise low-costs sites in the country as a production base to serve the North American market. The focus will remain on electronics equipment with limited investment expected in expanding the country's electronic components ecosystem.

After growth of 3.9% in 2023 the US production of electronics equipment eased to 1.5% in 2024, increased by 3.8% in 2025 and is forecast to accelerate to 8.8% in 2026. In the same period electronic component output is forecast to increase by 11.9%, 10.3% and 19.5%, growth in 2026 boosted by higher prices.

The move by US companies to "re-shore" production has gained momentum and is expected to benefit from the move by US companies to localise manufacturing to offset higher tariffs. However, the US will face competition from Mexico for high-volume manufacturing. The component sector is benefitting from increased investment in wafer fabrication to secure domestic production.

Japan



Japan Electronics Production by Sector 2021-2026

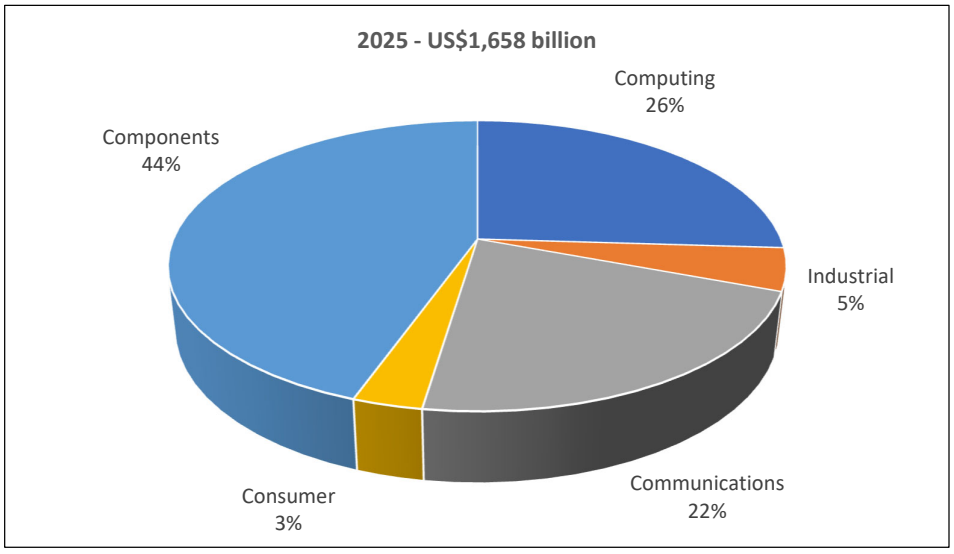
After increasing by 5.6% in 2024 Japanese electronics output eased to 3.1% in 2025 but is forecast to post growth of 33.7% in 2026. Growth in 2026 will be driven by a 55.2% increase in electronic component output. Based on official figures for the first seven months of 2026 the production of ICs is forecast to increase by 175.0% through a combination of rapidly rising demand from the AI and data centre markets and higher pricing. The production of passive components increased by 2.9% in 2024, 6.8% in 2025 and a forecasted 12.6%. Growth in 2025 and 2026 will be driven by rising demand for capacitors, resistors, connectors and in particular PCBs.

Electronics equipment, which accounted for 44.7% of the total in 2025, increased by 2.1% with output forecast to increase by 6.8% in 2026. Growth in 2026 will be supported by a 25.0% increase in communications and radar and growth of 8.0% in telecommunications equipment

2.2.3 Asia

In 2025, the production of electronics equipment and components in Asia was valued at US$1,658 billion of which electronics equipment production accounted for 55.5% of the total with output dominated by computing and communications. Asia is also the centre for electronic componet output globally.

China dominates electronics production in the region with total electronics output valued at US$801 billion in 2025. Taiwan and South Korea, with their strong focus on semiconductors, both reported electronics production of US$226 billion and US$198 billion, respectively while Singapore with output of US$110 billion and Malaysia US$94 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 and more cently computing reported electronics output of US$95 billion in 2025. Electronics production in India was valued at US$55 billion in 2025 growth being supported by government incentives as the country looks to establish itself as a major global manufacturing hub.



Asian Electronics Production by Sector 2025

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

Published since 1983 Volume 2 of the Yearbook of World Electronics Data provides:

- A single source solution allowing you to track the electronics industry in 19 countries in the Americas, Japan and Asia Pacific.
- 13 major product groups.
- Market and production forecasts.
- CD-option allows you to manipulate the data quickly and easily: produce your own subsets or summaries of the data, create your own forecasts or cut and paste the data into your own in-house reports and presentations.

Who will benefit ?

The Yearbook is essential research providing key data for all areas of the electronics industry including:

- Distributors and manufacturers of electronic components and materials.
- Suppliers of electronic production equipment.
- OEMs.
- EMS Providers.
- Government, including investment organizations.
- Financial and industry analysts.
- Academic institutes & universities tracking developments in the electronics industry.

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

With a history now extending over 50 years, the first edition of the Volume 1 of the Yearbook of World Electronics Data was first published in 1973, the Yearbook series has been extended to cover 53 countries globally to provide an invaluable and unique 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 a series of Excel databases providing the combination of both historical and forecasted data.

53 country coverage, 13 major product groups
… comparable **country by country** and **product by product.**

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 through to 2026, with production forecast to 2023, 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.

2026 Series

Volume 1 2026 West Europe
Synopsis: Economic Overview; Electronics Market Overview; Imports 2023-2024; Exports 2023-2024; Production Data 2023-2026; Market Data 2023-2029
16 country coverage
Austria; Belgium; Denmark; Finland; France; Germany; Greece; Ireland; Italy; Netherlands; Norway; Portugal; Spain; Sweden; Switzerland; UK
Publication Data: August 2026

Volume 2 2026 America, Japan, Asia Pacific
Synopsis: Economic Overview; Electronics Market Overview; Imports 2023-2024; Exports 2023-2024; Production Data 2023-2026; Market Data 2023-2029
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: November 2026

Volume 3 2026 East Europe & World Summary
Synopsis: Economic Overview; Electronics Market Overview; Imports 2023-2024; Exports 2023-2024; Production Data 2023-2026; Market Data 2023-2029
53 Country World Summary covering production data 2023-2026 and market data for 2023-2029
13 country coverage
Bulgaria; Croatia; Czech Republic; Estonia; Hungary; Lithuania; Poland; Romania; Russia; Slovakia; Slovenia; Turkey, Ukraine
Publication Data: November 2026

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

Related Products & Services

European Electronics Production 2000-2029

As part of its program of research covering developments in the European electronics industry RER has released a new statistical database providing a medium-term outlook for electronics production in Europe. Covering the period 2000-2029 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 27 countries split by Western Europe and Central and Eastern Europe.

Global Electronics Production & Markets

Launched in 2012, Global Electronics Production & Markets provides top line analysis on the global electronics industry for the period 1996 to 2029 for markets and 1996-2026 for production. Through two Excel databases you can quickly analyze 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 new database will be available in November 2026.

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.

For additional information on the above publications or Reed Electronics Research's complete range of research products please contact andrew.fletcher@rer.co.uk or visit www.rer.co.uk

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SAMPLE DATA

Over the following pages we provide sample data from the **current** edition of the report. This includes summary data for both production and markets, and sample data from several countries.

CONSOLIDATED SUMMARY OF PRODUCTION 2025

Country	$M Computing	$M Office Equip	$M Control & Instr	$M Medical & Industrial	$M Radio Comms & Radar*	$M Telecomm-unications	$M Consumer	$M Compo-nents	$M TOTAL
Australia	565	4	984	429	1129	774	18	382	**4285**
Brazil	8336	110	1705	344	5050	860	1679	2003	**20087**
Canada	680	4	3321	1021	3429	214	5	705	**9379**
China	260000	3360	24750	15100	168000	52500	36080	241045	**800835**
Hong Kong	119	6	45	124	96	90	222	374	**1077**
India	5511	57	2468	815	39036	1699	3805	2091	**55483**
Indonesia	1850	43	340	410	2600	1500	2532	6631	**15906**
Israel	1480	6	3070	1810	1480	1672	15	4976	**14509**
Japan	13523	408	9826	6464	7560	1257	1444	50702	**91183**
Malaysia	15901	79	9043	1390	1549	3972	1551	60139	**93625**
Mexico	68950	118	4100	3177	3250	4350	12424	6068	**102437**
Philippines	4500	91	940	468	875	750	150	12602	**20376**
Singapore	13359	92	6870	1607	3740	612	161	83071	**109512**
South Africa	324	1	134	74	190	199	159	104	**1185**
South Korea	12530	105	3350	2740	14630	953	873	163092	**198273**
Taiwan	64188	8	654	3408	7944	1713	344	147257	**225516**
Thailand	20973	354	1003	389	881	4103	1388	13195	**42286**
USA	35026	755	49750	35725	92950	8463	700	85199	**308568**
Vietnam	27370	95	1380	1111	38448	13680	4078	8933	**95095**
TOTAL	**555184**	**5696**	**123735**	**76607**	**392838**	**99362**	**67628**	**888569**	**2209617**

CONSOLIDATED SUMMARY OF MARKETS 2025

Table 2.18

Country	$M Computing	$M Office Equip	$M Control & Instr	$M Medical & Industrial	$M Radio Comms & Radar*	$M Telecomm-unications	$M Consumer	$M Compo-nents	$M TOTAL
Australia	10668	168	3046	1383	5094	1577	1632	2310	**25878**
Brazil	12297	167	5945	1456	6119	1644	2071	10944	**40643**
Canada	12576	178	3813	2561	4682	2714	2066	3790	**32380**
China	146382	688	36119	13000	43423	15064	12229	337011	**603916**
Hong Kong	4036	29	325	232	909	322	562	1239	**7654**
India	10525	115	8074	2075	17313	2317	4644	40135	**85199**
Indonesia	4121	91	1856	750	6758	1598	1188	5006	**21368**
Israel	3714	35	1063	1299	2028	315	403	2798	**11655**
Japan	34345	662	4459	4184	24305	6404	4285	48168	**126811**
Malaysia	16151	47	2284	492	2004	395	579	31539	**53491**
Mexico	14633	170	4430	1744	7104	955	1926	47152	**78114**
Philippines	2444	21	1229	298	1409	591	340	5446	**11778**
Singapore	12831	107	3753	503	3635	726	907	17002	**39463**
South Africa	2977	97	656	315	1764	802	236	686	**7533**
South Korea	7790	79	8985	2792	5961	1820	1508	36638	**65573**
Taiwan	7455	40	7679	1028	3247	597	521	26860	**47427**
Thailand	6494	63	3368	898	4994	1113	1226	17877	**36034**
USA	230523	757	44460	37417	144999	27949	22446	138979	**647530**
Vietnam	2752	85	3121	742	4466	1059	1093	61026	**74344**
TOTAL	**542716**	**3597**	**144664**	**73170**	**290214**	**67963**	**59863**	**834606**	**2016792**

3.16 Taiwan

3.16.1 Economic Overview

GDP

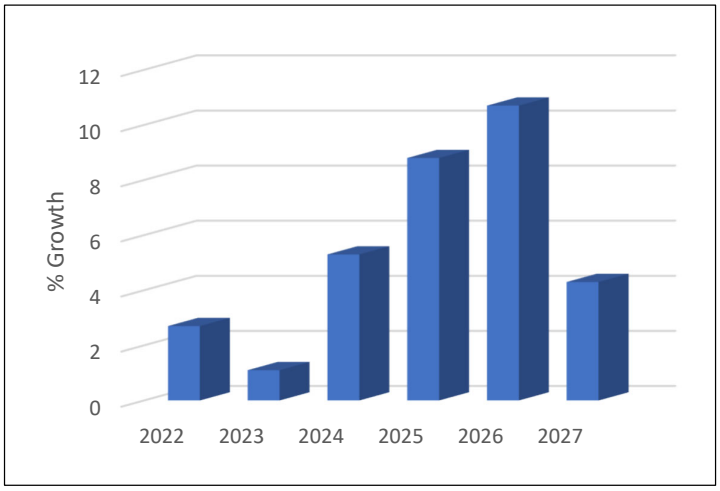
Output grew by 14.1% in the first half of 2026, the fastest pace in five decades, with second quarter growth exceptionally strong at 12.9%. Technology exports grew by 65% (in US dollars) in H1 2026. Imports also grew by a robust 22%, with the increase mainly channelled to AI-related fixed investment and inventory buildup to meet expected strong demand for technology products. Growth is forecast to moderate in 2027 mainly due to a slowdown in AI investment in 2027 and the base effect of exceptionally strong 2026 growth.

Inflation

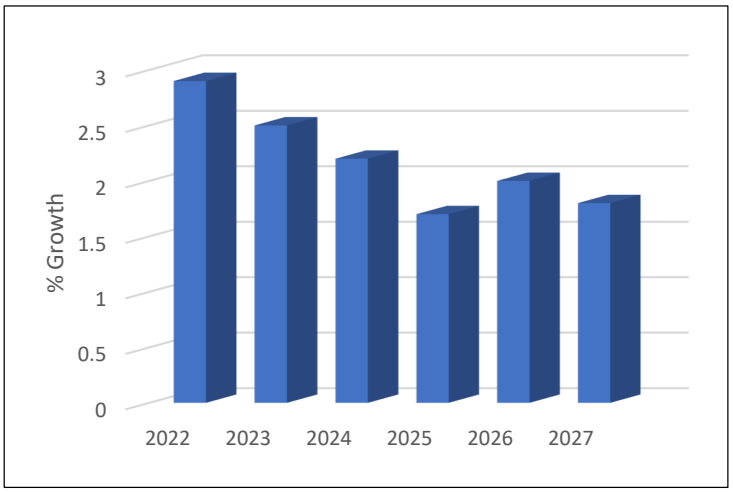
After averaging 1.5% in the first five months of 2026, inflation jumped to 2.6% in June and 2.5% in July as the Middle East conflict pushed up oil prices and bad weather raised the cost of vegetables. Inflation should inch upward due to higher global energy prices, higher food costs due to El Niño, continued strong domestic demand, and last year's low base effects.

Employment

Taiwan's labour market in 2026 exhibits tight conditions, resilient employment, and selective hiring driven by high-tech and semiconductor demand. The unemployment rate fell to 3.36% in September, the lowest level for the month in 26 years according to government figures. The unemployment rate is expected to remain at historic low levels throughout 2027.



GDP 2022-2027



Consumer Prices 2022-2027

Taiwan Leading Economic Indicators

	Actual			Forecast		
% Increase	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**
Real GDP Growth	2.7	1.1	5.3	8.8	10.7	4.3
Consumer Prices	2.9	2.5	2.2	1.7	2.0	1.8

Source: IMF October 2027, Asian Development Bank

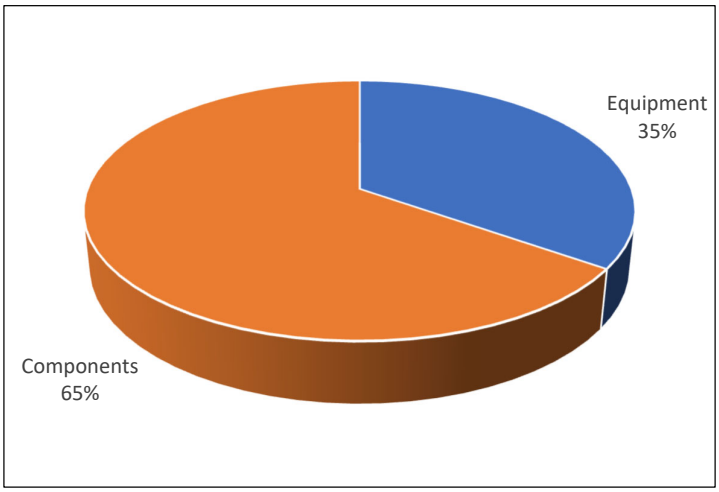
3.16.2 Electronics Industry Overview

Overview

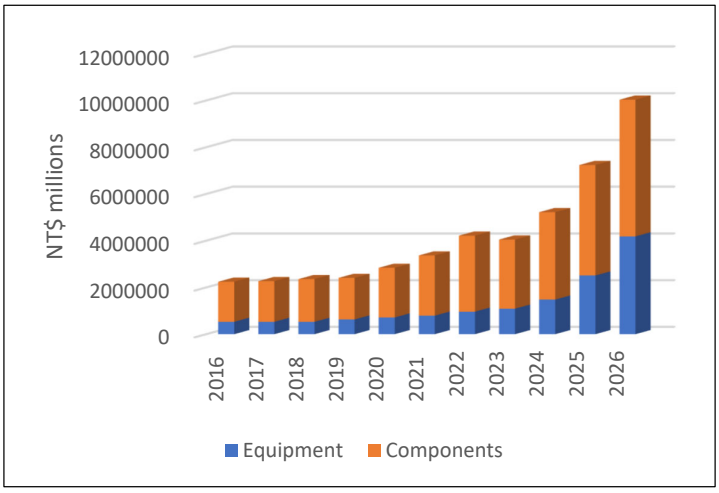
Summary of Taiwanese Electronics Production 2021-2026

NT$ Millions	2021	2022	2023	2024	2025	2026
Computing	442298	554298	685831	1098439	2060682	3709016
Industrial	136100	140800	132400	131000	130400	135414
Communications	186000	255000	261000	240000	310000	331150
Consumer	28090	14055	12930	12185	11027	10511
Components	2577850	3253131	2957975	3739458	4726948	5848812
Total	3370338	4217284	4050136	5221082	7239057	10034902

Notes: Computing includes office equipment; Industrial combines control and instrumentation and medical and industrial; and communications combines fixed and wireless communications (inc. defence). Due to computer rounding the summary figures above may differ slightly from the figures presented in the main tables.



Taiwanese Electronics Production 2025



Taiwanese Electronics Production 2016-2026

Initially in response to higher tariffs as well as the move to reduce dependency on Chinese manufacturing operations, several of the leading EMS/ODMs have relocated part of their production to other Asian countries or re-shore it to existing or new operations in Taiwan. Combined with the country's leading position in semiconductors it has resulted in the country being the third largest electronics producer globally in 2025.

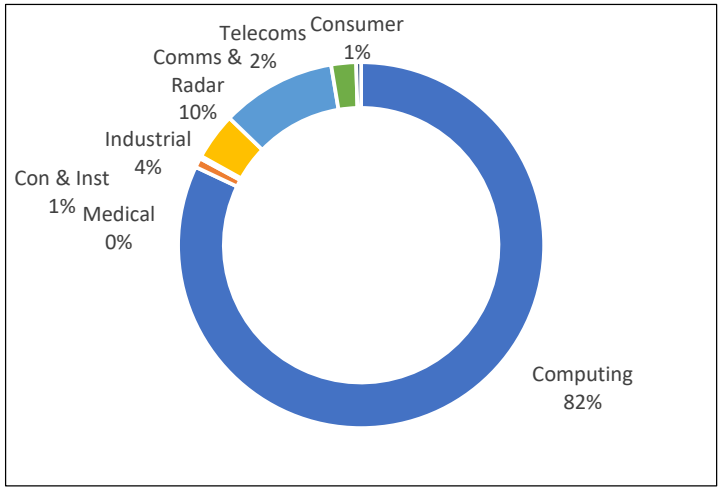
In 2025, electronic components output, which accounted for 65.3% of electronics production, increased by 26.4% while electronic equipment rose by 69.6%.

Electronics Equipment

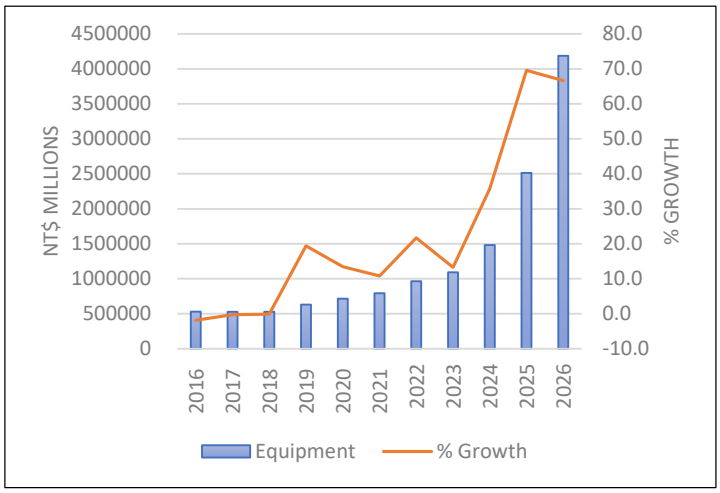
The computer sector after declining sharply as the leading Taiwanese manufacturers moved production to China has rebounded. Since 2013, the production of computer and related equipment has posted year on year growth, with robust double-digit growth since 2020. In 2025, computing accounted for 82.0% of electronics equipment output with production increasing by 87.6%. Output, based on official production statistics for the first half of the year, is forecast to increase by 80.0% in 2026, growth again driven by the demand for servers for AI and data centre applications

In 2025, the production of communications equipment increased by 29.1%, following the prior year's declined of 8.0%. Based on data for the first six months of the year production is forecast to increase by 6.8% in 2026. In 2025, communications and radar accounting for 82.3% of communications output and telecommunications 17.7%.

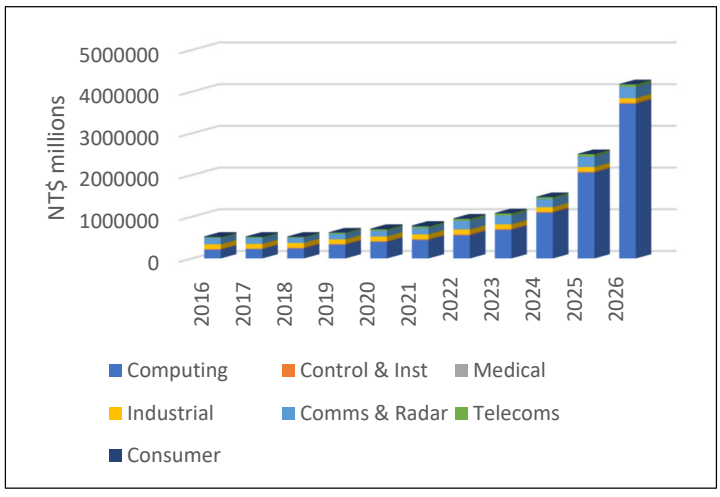
Following a rebound after the pandemic the production of video equipment has been on a downward trend since 2022. In 2025, output declined by 10.3% and compared to the fall of 5.7% in the prior year.



Taiwanese Electronics Equipment Production by Sector 2025



Taiwanese Electronics Equipment Production 2016-2026



Taiwanese Electronics Equipment Production by Sector 2016-2026

Components

Semiconductor production represents the major sector of the Taiwanese electronics industry. Taiwan Semiconductor Manufacturing Company (TSMC), the world's leading semiconductor foundry and fellow foundry United Microelectronics Corporation (UMC) – ranked fourth largest globally in 2025 - and Powerchip Semiconductor Manufacturing Corp have significant wafer fabrication capacity in the country. Taiwan also has several major players focused on assembly, package, test and design.

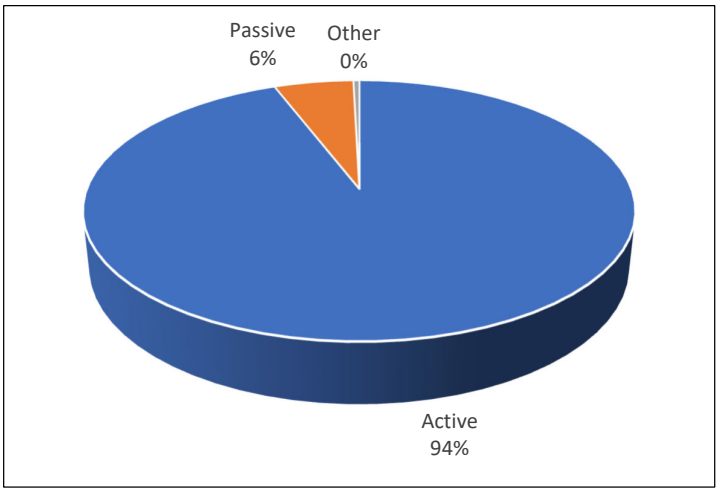
With the country's leading-edge foundry TSMC benefiting from the surge in demand being generated by AI data centre applications globally the production of ICs increased by 28.4% in 2024, 28.3% in 2025 and is forecast to increase by a further 25.0% in 2026.

Production of passive components accounted for 5.2% of component output in 2025. In-line with developments globally output declined by 10.1% in 2023 but increased by 10.9% in 2025 8.0% in 2025.In 2026, output is forecast to increase by a further 8.0%. In 2025, the production of PCBs and capacitors, the two largest product groups, increased by 9.1% and 5.1%, respectively.

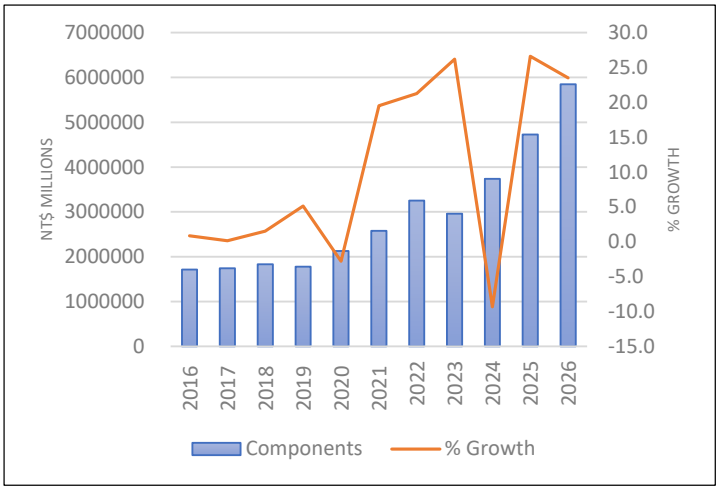
Outlook

The semiconductor segment, through the Taiwan's leading position within the foundry business, and the country's investment in the production of servers will be key driver to growth over the medium term.

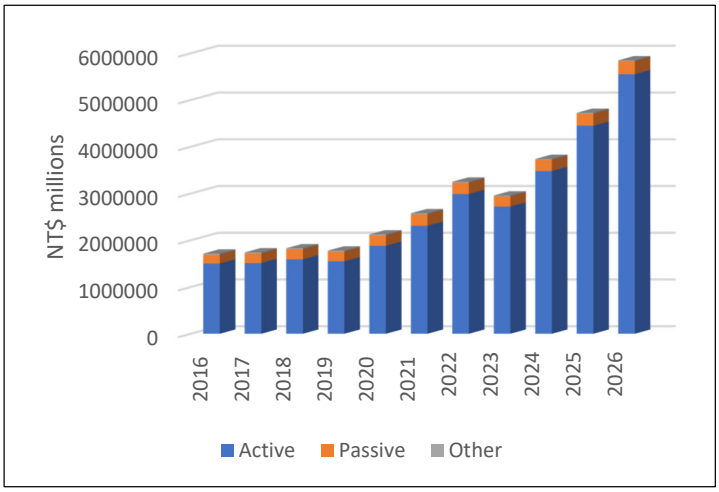
In the longer term, the government is looking to introduce initiatives that will boost Taiwan as a high-end manufacturing centre in Asia. If successfully implemented the move, which will support Taiwan's already leading position in semiconductors but also in areas such as artificial intelligence and smart manufacturing, will ensure the country remains a major player globally.



Taiwanese Electronics Component Production 2025



Taiwanese Electronics Component Production by Sector 2016-2026



Taiwanese Electronics Component Production 2016-2026

3.13.3 SINGAPORE PRODUCTION

COMPUTING		2023	2024	2025	2026
Computers	S$M	2000	5000	8000	9579
	$M	**1493**	**3731**	**6107**	**7312**
Hard Discs	S$M	2500	2600	3000	3486
	$M	**1866**	**1940**	**2290**	**2661**
Other Peripherals & Accessories & Parts	S$M	6600	6700	6500	7935
	$M	**4925**	**5000**	**4962**	**6057**
Computing Total	S$M	11100	14300	17500	21000
	$M	**8284**	**10672**	**13359**	**16031**

OFFICE EQUIPMENT		2023	2024	2025	2026
Office Equipment Total	S$M	153	148	120	108
	$M	**114**	**110**	**92**	**82**

CONTROL & INSTRUMENTATION		2023	2024	2025	2026
Control & Instrumentation Total	S$M	7800	8500	9000	9720
	$M	**5821**	**6343**	**6870**	**7420**

MEDICAL & INDUSTRIAL		2023	2024	2025	2026
X-Ray Equipment	S$M	55	45	45	48
	$M	**41**	**34**	**34**	**37**
Hearing Aids	S$M	275	285	270	288
	$M	**205**	**213**	**206**	**220**
Other Medical Equipment	S$M	1008	1330	1445	1573
	$M	**752**	**993**	**1103**	**1201**
X-Ray & Medical Equipment Total	S$M	1338	1660	1760	1910
	$M	**999**	**1239**	**1344**	**1458**
Industrial Equipment Total	S$M	300	315	345	376
	$M	**224**	**235**	**263**	**287**
Medical & Industrial Total	S$M	1638	1975	2105	2286
	$M	**1222**	**1474**	**1607**	**1745**

COMMUNICATIONS & RADAR		2023	2024	2025	2026
Communications & Radar Total	S$M	4000	4200	4900	5880
	$M	**2985**	**3134**	**3740**	**4489**

SINGAPORE PRODUCTION (ctd)

TELECOMMUNICATIONS		2023	2024	2025	2026
Telephone Sets	S$M	2	2	2	3
	$M	**1**	**1**	**2**	**2**
Other Telecommunications Equipment	S$M	580	500	800	1280
	$M	**433**	**373**	**611**	**977**
Telecommunications Total	S$M	582	502	802	1283
	$M	**434**	**375**	**612**	**980**

CONSUMER		2023	2024	2025	2026
Video Equipment					
Colour Television	S$M	4	2	2	2
	$M	**3**	**1**	**2**	**1**
Video & Digital Still Cameras	S$M	3	3	3	3
	$M	**2**	**2**	**2**	**2**
Video Equipment Total	S$M	7	5	5	5
	$M	**5**	**4**	**4**	**4**
Audio Equipment					
Audio Equipment Total	S$M	214	203	197	189
	$M	**160**	**151**	**150**	**144**
Personal Consumer Equipment					
Electronic Musical Instruments	S$M	7	7	7	7
	$M	**5**	**5**	**5**	**5**
Electronic Flashlights	S$M	3	2	2	2
	$M	**2**	**1**	**2**	**1**
Personal Consumer Equip Total	S$M	10	9	9	9
	$M	**7**	**7**	**7**	**7**
Consumer Total	S$M	231	217	211	203
	$M	**172**	**162**	**161**	**155**

COMPONENTS		2023	2024	2025	2026
Active Components					
Valves & Tubes	S$M	30	30	27	26
	$M	**22**	**22**	**21**	**20**
Discrete Semiconductors	S$M	7900	7800	8200	8774
	$M	**5896**	**5821**	**6260**	**6698**
ICs & Other Microcircuits	S$M	79800	82000	96000	124800
	$M	**59552**	**61194**	**73282**	**95267**
Active Components Total	S$M	87730	89830	104227	133600
	$M	**65470**	**67037**	**79563**	**101985**

SINGAPORE PRODUCTION (ctd)

COMPONENTS		2023	2024	2025	2026
Passive Components					
Capacitors	S$M	900	930	960	1018
	$M	**672**	**694**	**733**	**777**
Resistors	S$M	285	275	290	308
	$M	**213**	**205**	**221**	**235**
Connectors	S$M	590	570	620	682
	$M	**440**	**425**	**473**	**521**
Small Transformers, Chokes, Coils	S$M	32	32	34	37
& Other Inductors	**$M**	**24**	**24**	**26**	**28**
Relays	S$M	132	128	135	142
	$M	**99**	**96**	**103**	**108**
Switches	S$M	245	235	245	257
	$M	**183**	**175**	**187**	**196**
Printed Circuit Boards	S$M	1050	1100	1220	1391
	$M	**784**	**821**	**931**	**1062**
Passive Components Total	S$M	3234	3270	3504	3835
	$M	**2413**	**2440**	**2675**	**2927**
Other Components					
Microphones	S$M	11	13	14	15
	$M	**8**	**10**	**11**	**11**
Loudspeakers	S$M	55	67	65	76
	$M	**41**	**50**	**50**	**58**
Amplifiers	S$M	9	8	7	7
	$M	**7**	**6**	**5**	**6**
Unrecorded Media	S$M	670	660	650	650
	$M	**500**	**493**	**496**	**496**
Headphones & Earphones	S$M	6	6	6	6
for Consumer Equipment	**$M**	**4**	**4**	**5**	**4**
Accessories & Parts	S$M	370	375	350	360
for Consumer Equipment	**$M**	**276**	**280**	**267**	**275**
Other Components Total	S$M	1121	1129	1092	1114
	$M	**837**	**843**	**834**	**850**
Components Total	S$M	92085	94229	108823	138549
	$M	**68720**	**70320**	**83071**	**105762**

SINGAPORE PRODUCTION (ctd)

		2023	2024	2025	2026
TOTAL PRODUCTION	S$M	117589	124071	143461	179028
	$M	**87753**	**92590**	**109512**	**136663**

Notes: 2023 and 2024 are current figures at current exchange rates. 2025 is an estimate and 2026 a forecast at 2025 constant values and exchange rates (i.e. inflation is not included). Base year 2025

3.2.4 BRAZIL MARKETS

COMPUTING		2023	2024	2025	2026	2027	2028	2029
Computing Total	R$M	51297	61484	68740	79051	88537	96506	103261
	$M	**10280**	**11407**	**12297**	**14142**	**15839**	**17264**	**18472**

OFFICE EQUIPMENT		2023	2024	2025	2026	2027	2028	2029
Office Equipment Total	R$M	704	749	934	952	969	950	912
	$M	**141**	**139**	**167**	**170**	**173**	**170**	**163**

CONTROL & INSTRUMENTATION		2023	2024	2025	2026	2027	2028	2029
Control & Instrumentation Total	R$M	24386	28874	33233	36556	38749	41462	44530
	$M	**4887**	**5357**	**5945**	**6540**	**6932**	**7417**	**7966**

MEDICAL & INDUSTRIAL		2023	2024	2025	2026	2027	2028	2029
X-Ray & Medical Equipment Total	R$M	5329	5557	6557	6885	7195	7533	7894
	$M	**1068**	**1031**	**1173**	**1232**	**1287**	**1348**	**1412**
Industrial Equipment Total	R$M	1257	1342	1582	1653	1721	1797	1879
	$M	**252**	**249**	**283**	**296**	**308**	**321**	**336**
Medical & Industrial Total	R$M	6587	6899	8139	8538	8916	9330	9774
	$M	**1320**	**1280**	**1456**	**1527**	**1595**	**1669**	**1748**

COMMUNICATIONS & RADAR		2023	2024	2025	2026	2027	2028	2029
Communications & Radar Total	R$M	29845	32168	34205	35231	36993	39582	41957
	$M	**5981**	**5968**	**6119**	**6303**	**6618**	**7081**	**7506**

TELECOMMUNICATIONS		2023	2024	2025	2026	2027	2028	2029
Telecommunications Total	R$M	8119	8592	9190	9741	10521	11205	11765
	$M	**1627**	**1594**	**1644**	**1743**	**1882**	**2004**	**2105**

BRAZIL MARKETS (ctd)

CONSUMER		2023	2024	2025	2026	2027	2028	2029
Video Equipment								
Colour Televisions	R$M	6552	6781	7161	7323	7362	7507	7625
	$M	**1313**	**1258**	**1281**	**1310**	**1317**	**1343**	**1364**
DVD Players & Recorders	R$M	369	361	341	330	313	296	268
	$M	**74**	**67**	**61**	**59**	**56**	**53**	**48**
Video & Digital Still Cameras	R$M	484	480	481	464	447	430	414
	$M	**97**	**89**	**86**	**83**	**80**	**77**	**74**
Video Equipment Total	R$M	7405	7621	7983	8117	8122	8234	8307
	$M	**1484**	**1414**	**1428**	**1452**	**1453**	**1473**	**1486**
Audio Equipment								
Audio Equipment Total	R$M	2580	2539	2471	2347	2230	2141	2055
	$M	**517**	**471**	**442**	**420**	**399**	**383**	**368**
Personal Consumer Equipment								
Electronic Musical Instruments	R$M	150	146	157	153	156	158	160
	$M	**30**	**27**	**28**	**27**	**28**	**28**	**29**
Electric/Electronic Watches	R$M	729	835	855	848	869	892	914
	$M	**146**	**155**	**153**	**152**	**155**	**159**	**164**
Electric/Electronic Clocks	R$M	110	108	112	106	103	101	99
	$M	**22**	**20**	**20**	**19**	**18**	**18**	**18**
Personal Consumer Equip Total	R$M	988	1089	1124	1107	1128	1150	1173
	$M	**198**	**202**	**201**	**198**	**202**	**206**	**210**
Consumer Total	R$M	10973	11249	11577	11571	11480	11525	11535
	$M	**2199**	**2087**	**2071**	**2070**	**2054**	**2062**	**2064**

COMPONENTS		2023	2024	2025	2026	2027	2028	2029
Active Components								
Valves & Tubes	R$M	399	485	486	498	486	475	470
	$M	**80**	**90**	**87**	**89**	**87**	**85**	**84**
Discrete Semiconductors	R$M	22245	18051	12561	13941	15479	17178	19067
	$M	**4458**	**3349**	**2247**	**2494**	**2769**	**3073**	**3411**
ICs & Other Microcircuits	R$M	23009	26071	28297	43295	49963	53457	56666
	$M	**4611**	**4837**	**5062**	**7745**	**8938**	**9563**	**10137**
Active Components Total	R$M	45654	44608	41344	57734	65928	71110	76203
	$M	**9149**	**8276**	**7396**	**10328**	**11794**	**12721**	**13632**

BRAZIL MARKETS (ctd)

COMPONENTS (ctd)		2023	2024	2025	2026	2027	2028	2029
Passive Components								
Capacitors	R$M	1577	1719	1783	1901	2001	2107	2225
	$M	**316**	**319**	**319**	**340**	**358**	**377**	**398**
Fixed Resistors	R$M	803	873	917	967	1017	1062	1118
	$M	**161**	**162**	**164**	**173**	**182**	**190**	**200**
Connectors	R$M	2879	3110	3287	3488	3678	3868	4070
	$M	**577**	**577**	**588**	**624**	**658**	**692**	**728**
Relays	R$M	629	690	721	755	794	833	872
	$M	**126**	**128**	**129**	**135**	**142**	**149**	**156**
Switches	R$M	319	345	369	391	408	430	453
	$M	**64**	**64**	**66**	**70**	**73**	**77**	**81**
Inductors, Chokes & Coils	R$M	250	264	280	291	302	319	330
	$M	**50**	**49**	**50**	**52**	**54**	**57**	**59**
Printed Circuit Boards	R$M	3508	3800	3941	4137	4321	4517	4735
	$M	**703**	**705**	**705**	**740**	**773**	**808**	**847**
Passive Components Total	R$M	9965	10802	11297	11929	12522	13137	13802
	$M	**1997**	**2004**	**2021**	**2134**	**2240**	**2350**	**2469**
Other Components								
Microphones	R$M	115	119	129	128	130	131	132
	$M	**23**	**22**	**23**	**23**	**23**	**23**	**24**
Loudspeakers	R$M	1233	1515	1727	1767	1835	1901	1964
	$M	**247**	**281**	**309**	**316**	**328**	**340**	**351**
Amplifiers	R$M	274	264	257	254	255	256	256
	$M	**55**	**49**	**46**	**46**	**46**	**46**	**46**
Unrecorded Media	R$M	709	679	654	610	578	546	515
	$M	**142**	**126**	**117**	**109**	**103**	**98**	**92**
Accessories & Parts for Consumer Equipment	R$M	5544	5913	5769	5938	6204	6466	6721
	$M	**1111**	**1097**	**1032**	**1062**	**1110**	**1157**	**1202**
Other Components Total	R$M	7874	8489	8536	8698	9003	9300	9588
	$M	**1578**	**1575**	**1527**	**1556**	**1610**	**1664**	**1715**
Components Total	R$M	63493	63898	61177	78361	87453	93547	99593
	$M	**12724**	**11855**	**10944**	**14018**	**15644**	**16735**	**17816**

		2023	2024	2025	2026	2027	2028	2029
TOTAL MARKET	R$M	195403	213913	227194	260001	283618	304105	323326
	$M	**39159**	**39687**	**40643**	**46512**	**50737**	**54402**	**57840**

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2025 is an estimate and 2026 to 2029 are forecasts at 2025 constant values & exchange rates (i.e. Inflation is not included)
Base year 2025

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