# 第 18 章　科学技術

本章は、科学技術及び特許行政で構成されている。
科学技術には、企業、非営利団体・公的機関、大学等における研究活動に関する統計を掲載している。
特許行政は、特許、実用新案、意匠、商標の出願件数や登録件数等に関する統計を掲載している。

**科学技術研究調査**（基幹統計調査）　科学技術研究調査は、我が国における科学技術に関する研究活動の状態を調査し、科学技術振興に必要な基礎資料を得ることを目的として、総務省統計局が毎年実施している。調査の対象は、企業（特定産業を除く資本金 1000 万円以上の会社法に規定する会社）、非営利団体・公的機関及び大学等で、企業は標本調査（資本金 10 億円以上の企業及び前回研究実績のあった資本金１億円以上 10 億円未満の企業及び大学等出資会社は全数調査）、その他は全数調査である。この調査では調査対象について、研究費、研究関係従業者数、技術貿易など、我が国の研究活動の実態を把握するために欠かせない基本的な事項を調査している。調査の時期は、資本金は６月１日現在（令和３年調査以前は３月 31 日現在）、従業者数は３月 31 日現在、また売上高、研究費など財務事項は３月 31 日又はその直近の決算日から遡る１年間の実績について行われている。

**特許行政年次報告書**　特許行政年次報告書は、企業や大学等が戦略的な知的財産管理を推し進め、技術経営力の強化を行う上で有用な情報を提供することを目的として、企業や大学等における知的財産の現状を把握するために必要な情報を収集・分析し、特許庁が毎年公表している。

本章の用語については、用語の解説を参照

# 18 Science and Technology

This chapter covers science and technology as well as patent administration.

The section on science and technology contains statistics on research activities in business enterprises, non-profit institutions and public organisations, universities and colleges.

The section on patent administration contains statistics on the number of applications and registrations of patents, utility models, designs and trademarks.

**Survey of Research and Development** (Fundamental Statistical Survey) This survey has been conducted every year by the Statistics Bureau, Ministry of Internal Affairs and Communications. The survey is designed to provide basic materials for promoting science and technology in Japan, by studying the research and development (R&D) activities carried out in Japan. The survey covers business enterprises (companies as defined in the Companies Act with capital of 10 million *yen* or more engaged in industries other than specified industries), as well as non-profit institutions and public organisations, universities, and colleges. Business enterprises are chosen via sampling (enterprises with capital of one billion *yen* or more as well as enterprises, universities and R&D with previous research performance and capital of at least one hundred million *yen* but less than one billion *yen* are surveyed via complete enumeration) and other institutions are surveyed via complete enumeration. The survey covers basic items essential for understanding the actual state of research activities in Japan, such as research and development funds, the number of persons employed in research and development, and technological trade. The survey date on capital is as of 1 June (31 March before 2021), number of persons engaged, as of 31 March, while financial items such as sales and research and development expenditures are reported for the fiscal year ending on the latest settling day prior to 31 March.

**The Japan Patent Office Annual Report** This report is published annually by the Patent Office. The purpose of the report is to provide useful information for companies and universities to promote strategic management of intellectual property and strengthen their technology management capabilities. The report collects and analyzes information necessary for understanding the current state of intellectual property at companies and universities.

See the Glossary for Terms in this chapter.

# 18-1 科学技術
Science and Technology

## A 科学技術の研究活動（令和4～6年度）
Research Activities in Science and Technology (F.Y. 2022 to 2024)

| 年度 Fiscal year | 研究関係従業者数 Number of persons employed in research and development | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 総数 Total | 企業 Business enterprises | | | | 非営利団体 Non-profit institutions | | | |
| | | | #研究者 Researchers | #研究補助者 Assistant research workers | #技能者 Technicians | | #研究者 Researchers | #研究補助者 Assistant research workers | #技能者 Technicians |
| 令和4年 2022 | 1,144,911 | 640,986 | 530,587 | 44,320 | 38,735 | 11,531 | 7,182 | 1,146 | 1,625 |
| 5 2023 | 1,135,533 | 626,709 | 523,548 | 45,399 | 35,318 | 12,278 | 8,076 | 1,151 | 1,500 |
| 6 2024 | 1,145,899 | 633,551 | 526,258 | 44,941 | 37,228 | 11,648 | 7,437 | 1,200 | 1,437 |

| 年度 Fiscal year | 研究関係従業者数 Number of persons employed in research and development | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 公的機関 Public organisations | | | | 大学等 Universities and colleges | | | |
| | | #研究者 Researchers | #研究補助者 Assistant research workers | #技能者 Technicians | | #研究者 Researchers | #研究補助者 Assistant research workers | #技能者 Technicians |
| 令和4年 2022 | 63,466 | 30,146 | 9,905 | 6,767 | 428,928 | 342,478 | 18,379 | 13,477 |
| 5 2023 | 63,312 | 30,015 | 9,883 | 7,120 | 433,234 | 345,724 | 18,938 | 13,184 |
| 6 2024 | 63,867 | 30,071 | 9,418 | 8,006 | 436,833 | 349,010 | 19,359 | 13,308 |

| 年度 Fiscal year | 内部使用研究費（100万円） Intramural expenditure on research and development (million *yen*) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 総額 Total | 企業 Business enterprises | | | | 非営利団体 Non-profit institutions | | | |
| | | | #人件費 Labour costs | #原材料費 Materials | #有形固定資産購入費 Expenditure on tangible fixed assets | | #人件費 Labour costs | #原材料費 Materials | #有形固定資産購入費 Expenditure on tangible fixed assets |
| 令和4年 2022 | 20,703,955 | 15,130,639 | 5,861,448 | 1,995,843 | 1,232,711 | 226,470 | 73,569 | 45,969 | 17,633 |
| 5 2023 | 22,049,657 | 16,119,874 | 5,875,267 | 2,048,774 | 1,427,622 | 227,995 | 75,900 | 43,761 | 22,654 |
| 6 2024 | 23,792,522 | 17,430,337 | 6,023,020 | 2,310,943 | 1,541,254 | 264,134 | 79,062 | 39,538 | 43,742 |

| 年度 Fiscal year | 内部使用研究費（100万円） Intramural expenditure on research and development (million *yen*) | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 公的機関 Public organisations | | | | 大学等 Universities and colleges | | | |
| | | #人件費 Labour costs | #原材料費 Materials | #有形固定資産購入費 Expenditure on tangible fixed assets | | #人件費 Labour costs | #原材料費 Materials | #有形固定資産購入費 Expenditure on tangible fixed assets |
| 令和4年 2022 | 1,504,750 | 427,400 | 174,716 | 272,693 | 3,842,096 | 2,453,385 | 235,316 | 353,910 |
| 5 2023 | 1,765,245 | 436,478 | 228,394 | 337,698 | 3,936,544 | 2,490,597 | 239,390 | 370,565 |
| 6 2024 | 2,048,496 | 455,739 | 245,386 | 421,704 | 4,049,554 | 2,526,284 | 244,224 | 396,548 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18-1 科学技術（続き）
Science and Technology (*Cont'd*)

## B 資本金階級・産業別企業の研究活動（令和6年度）
Research Activities of Business Enterprises by Size of Capital and Industry (F.Y. 2024)

（単位 金額 100万円）　(Monetary figures in millions of *yen*)

| 資本金階級・産業 Size of capital and industry | | 研究を行っている企業 Business enterprises performing research and development | | 研究関係従業者数 Number of persons employed in research and development | | 社内使用研究費 Intramural expenditure on research and development |
|---|---|---|---|---|---|---|
| | | 企業数 Number of business enterprises | 従業者総数 Total number of persons employed | | #研究者 Researchers | 総額 Total |
| 総数 | Total | 16,916 | 6,399,366 | 633,551 | 526,258 | 17,430,337 |
| 資本金階級別 | By size of capital | | | | | |
| 1000万円～1億円未満 | 0.01-0.1 billion *yen*, under | 10,709 | 926,491 | 51,368 | 43,904 | 611,703 |
| 1億～10 | 0.1-1 | 4,060 | 1,279,262 | 92,670 | 78,734 | 1,802,961 |
| 10～100 | 1-10 | 1,505 | 1,286,650 | 111,659 | 100,325 | 2,411,130 |
| 100億円以上 | 10 billion *yen* or more | 642 | 2,906,964 | 377,854 | 303,296 | 12,604,543 |
| 産業別 | By industry | | | | | |
| # 建設業 | Construction | 203 | 343,927 | 6,782 | 5,962 | 191,301 |
| 製造業 | Manufacturing | 13,780 | 4,293,085 | 524,997 | 436,387 | 14,979,261 |
| 電気・ガス・熱供給・水道業 | Electricity, gas, heat supply and water | 36 | 131,176 | X | X | X |
| 情報通信業 | Information and communications | 1,172 | 661,556 | 43,946 | 34,833 | 620,316 |
| 運輸業、郵便業 | Transport and postal activities | 28 | 291,983 | 984 | 968 | 53,579 |
| 卸売業 | Wholesale trade | 527 | 202,847 | 16,182 | 14,417 | 450,342 |
| 学術研究、専門・技術サービス業 | Scientific research, professional and technical services | 983 | 251,181 | 36,663 | 30,545 | 1,031,427 |

| 資本金階級・産業 Size of capital and industry | | 社内使用研究費 Intramural expenditure on research and development | | 自己負担研究費 Self-financed research and development fund | 受入研究費 Research and development funds received | 社外支出研究費 Research and development funds paid outside |
|---|---|---|---|---|---|---|
| | | 総売上高に対する比率 Percentage to sales (%) | 研究者1人当たり（万円） Per researcher (10 thousand *yen*) | | | |
| 総数 | Total | … | 3,312 | 19,696,538 | 1,107,732 | 3,208,037 |
| 資本金階級別 | By size of capital | | | | | |
| 1000万円～1億円未満 | 0.01-0.1 billion *yen*, under | … | 1,393 | 636,008 | 76,005 | 79,749 |
| 1億～10 | 0.1-1 | … | 2,290 | 1,826,779 | 211,864 | 221,226 |
| 10～100 | 1-10 | … | 2,403 | 2,578,837 | 207,656 | 297,579 |
| 100億円以上 | 10 billion *yen* or more | … | 4,156 | 14,654,914 | 612,207 | 2,609,483 |
| 産業別 | By industry | | | | | |
| # 建設業 | Construction | 0.54 | 3,209 | 197,053 | 6,277 | 11,637 |
| 製造業 | Manufacturing | 4.19 | 3,433 | 17,055,352 | 620,334 | 2,599,691 |
| 電気・ガス・熱供給・水道業 | Electricity, gas, heat supply and water | X | 3,832 | X | X | X |
| 情報通信業 | Information and communications | 1.40 | 1,781 | 871,794 | 39,461 | 287,138 |
| 運輸業、郵便業 | Transport and postal activities | 0.37 | 5,532 | 68,092 | 2,654 | 16,859 |
| 卸売業 | Wholesale trade | 1.37 | 3,124 | 498,024 | 63,897 | 101,962 |
| 学術研究、専門・技術サービス業 | Scientific research, professional and technical services | 6.25 | 3,377 | 826,919 | 352,496 | 97,425 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18−1 科学技術（続き）
Science and Technology (*Cont'd*)

## C 学問別非営利団体・公的機関の研究活動（令和6年度）
Research Activities of Non-Profit Institutions and Public Organisations, by Field of Science (F.Y. 2024)

（単位 金額 100万円） (Monetary figures in millions of *yen*)

| 学問 Field of science | | 内部で研究を行っている非営利団体・公的機関 Non-profit institutions and public organisations performing intramural research and development | | 研究関係従業者数 Number of persons employed in research and development | | 内部使用研究費 Intramural expenditure on research and development |
|---|---|---|---|---|---|---|
| | | 非営利団体・公的機関数 Number of non-profit institutions and public organisations | 従業者総数 Total number of persons employed | | #研究者 Researchers | |
| 総数 | Total | 874 | 238,933 | 75,515 | 37,508 | 2,312,630 |
| 人文・社会科学 | Social sciences and humanities | 101 | 8,367 | 2,814 | 1,714 | 31,285 |
| 自然科学 | Natural sciences and engineering | 720 | 226,774 | 71,631 | 35,163 | 2,263,387 |
| 理学 | Physical sciences | 114 | 19,489 | 15,344 | 5,421 | 486,006 |
| 工学 | Engineering and technology | 246 | 49,581 | 24,692 | 14,226 | 1,270,288 |
| 農学 | Agricultural sciences | 235 | 27,429 | 19,126 | 9,624 | 221,693 |
| 保健 | Medical sciences | 125 | 130,275 | 12,469 | 5,892 | 285,401 |
| 教育学・その他 | Education and Other | 53 | 3,792 | 1,070 | 631 | 17,958 |

| 学問 Field of science | | 研究者1人当たりの内部使用研究費（万円） Intramural expenditure on research and development per researchers (10 thousand *yen*) | 自己負担研究費 Self-financed research and development fund | 受入研究費 Research and development funds received | 外部支出研究費 Research and development funds paid outside |
|---|---|---|---|---|---|
| 総数 | Total | 6,166 | 1,053,504 | 4,292,553 | 2,173,380 |
| 人文・社会科学 | Social sciences and humanities | 1,825 | 12,742 | 23,474 | 1,837 |
| 自然科学 | Natural sciences and engineering | 6,437 | 968,704 | 1,680,533 | 291,242 |
| 理学 | Physical sciences | 8,965 | 104,534 | 571,254 | 153,472 |
| 工学 | Engineering and technology | 8,929 | 592,396 | 835,092 | 114,207 |
| 農学 | Agricultural sciences | 2,304 | 103,231 | 132,567 | 11,959 |
| 保健 | Medical sciences | 4,844 | 168,542 | 141,621 | 11,604 |
| 教育学・その他 | Education and Other | 2,846 | 8,584 | 9,516 | 45 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18−1 科学技術（続き）
Science and Technology (*Cont'd*)

## D 組織別非営利団体・公的機関の研究活動（令和6年度）
Research Activities of Non-Profit Institutions and Public Organisations, by Kind of Organisation (F.Y. 2024)

（単位 金額 100万円）　(Monetary figures in millions of *yen*)

| 組織 Organisation | | 内部で研究を行っている非営利団体・公的機関 Non-profit institutions and public organisations performing intramural research and development | | 研究関係従業者数 Number of persons employed in research and development | | 内部使用研究費 Intramural expenditure on research and development |
|---|---|---|---|---|---|---|
| | | 非営利団体・公的機関数 Number of non-profit institutions and public organisations | 従業者総数 Total number of persons employed | | #研究者 Researchers | |
| 総数 | Total | 874 | 238,933 | 75,515 | 37,508 | 2,312,630 |
| 非営利団体 | Non-profit institutions | 373 | 29,415 | 11,648 | 7,437 | 264,134 |
| 公的機関 | Public organisations | 501 | 209,518 | 63,867 | 30,071 | 2,048,496 |
| 国営 | Central government-owned | 26 | 7,324 | 4,252 | 2,118 | 433,295 |
| 公営 | Local government-owned | 391 | 26,654 | 15,832 | 8,918 | 163,847 |
| 特殊法人・独立行政法人 | Public corporations and enterprises, and incorporated administrative agencies | 84 | 175,540 | 43,783 | 19,035 | 1,451,353 |

| 組織 Organisation | | 研究者1人当たりの内部使用研究費（万円） Intramural expenditure on research and development per researchers (10 thousand *yen*) | 自己負担研究費 Self-financed research and development fund | 受入研究費 Research and development funds received | 外部支出研究費 Research and development funds paid outside |
|---|---|---|---|---|---|
| 総数 | Total | 6,166 | 1,053,504 | 4,292,553 | 2,173,380 |
| 非営利団体 | Non-profit institutions | 3,552 | 113,187 | 194,004 | 27,702 |
| 公的機関 | Public organisations | 6,812 | 940,318 | 4,098,549 | 2,145,678 |
| 国営 | Central government-owned | 20,458 | 440,793 | 6,705 | 13,565 |
| 公営 | Local government-owned | 1,837 | 155,780 | 9,722 | 1,508 |
| 特殊法人・独立行政法人 | Public corporations and enterprises, and incorporated administrative agencies | 7,625 | 343,744 | 4,082,122 | 2,130,604 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18−1 科学技術（続き）
Science and Technology (*Cont'd*)

## E 学問別大学等の研究活動（令和6年度）
Research Activities of Universities and Colleges by Field of Science (F.Y. 2024)

（単位 金額 100万円） (Monetary figures in millions of *yen*)

| 学問 Field of science | 大学等数 Number of universities and colleges | 従業者総数 Total number of persons employed | 研究関係従業者数 Number of persons employed in research and development | | 内部使用研究費 Intramural expenditure on research and development |
|---|---|---|---|---|---|
| | | | | #研究者 Researchers | |
| 総数 Total | 4,022 | 885,700 | 436,833 | 349,010 | 4,049,554 |
| #人文・社会科学 Social sciences and humanities | 1,447 | 181,436 | 79,737 | 67,330 | 836,820 |
| 自然科学 Natural sciences and engineering | 1,667 | 592,664 | 313,745 | 246,580 | 2,796,323 |
| 理学 Physical sciences | 272 | 47,775 | 39,034 | 28,375 | 433,651 |
| 工学 Engineering and technology | 574 | 120,388 | 79,142 | 60,715 | 824,417 |
| 農学 Agricultural sciences | 144 | 24,664 | 18,050 | 13,547 | 149,969 |
| 保健 Medical sciences | 677 | 399,837 | 177,519 | 143,943 | 1,388,286 |

| 学問 Field of science | 研究本務者1人当たりの内部使用研究費（万円） Intramural expenditure on research and development per regular researchers (10 thousand *yen*) | 自己負担研究費 Self-financed research and development fund | 受入研究費 Research and development funds received | 外部支出研究費 Research and development funds paid outside |
|---|---|---|---|---|
| 総数 Total | 1,328 | 3,253,918 | 943,372 | 31,897 |
| #人文・社会科学 Social sciences and humanities | 1,396 | 769,603 | 75,654 | 1,681 |
| 自然科学 Natural sciences and engineering | 1,323 | 2,101,648 | 827,430 | 28,965 |
| 理学 Physical sciences | 1,859 | 300,468 | 156,623 | 4,187 |
| 工学 Engineering and technology | 1,545 | 577,318 | 295,661 | 13,876 |
| 農学 Agricultural sciences | 1,251 | 114,455 | 42,340 | 1,767 |
| 保健 Medical sciences | 1,131 | 1,109,407 | 332,806 | 9,135 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18-1 科学技術（続き）
Science and Technology (*Cont'd*)

## F 組織別大学等の研究活動（令和6年度）
Research Activities of Universities and Colleges by Type of Organisation (F.Y. 2024)

（単位 金額 100万円）　(Monetary figures in millions of *yen*)

| 組織 Organisation | | 大学等数 Number of universities and colleges | 従業者総数 Total number of persons employed | 研究関係従業者数 Number of persons employed in research and development | | 内部使用研究費 Intramural expenditure on research and development |
|---|---|---|---|---|---|---|
| | | | | | #研究者 Researchers | |
| 総数 | Total | 4,022 | 885,700 | 436,833 | 349,010 | 4,049,554 |
| 国立 | National | 1,171 | 330,644 | 207,827 | 157,169 | 1,673,893 |
| 公立 | Public | 285 | 66,916 | 34,696 | 28,850 | 268,115 |
| 私立 | Private | 2,566 | 488,140 | 194,310 | 162,991 | 2,107,547 |
| 大学等の種類別 | By type of university and college | | | | | |
| #大学の学部 | University faculties | 2,793 | 796,967 | 379,581 | 310,853 | 3,393,495 |
| 短期大学 | Junior colleges | 289 | 22,545 | 7,287 | 6,155 | 69,379 |
| 大学附置研究所 | Research institutes attached to universities | 317 | 25,567 | 22,508 | 15,327 | 215,304 |

| 組織 Organisation | | 研究本務者1人当たりの内部使用研究費（万円） Intramural expenditure on research and development per regular researchers (10 thousand *yen*) | 自己負担研究費 Self-financed research and development fund | 受入研究費 Research and development funds received | 外部支出研究費 Research and development funds paid outside |
|---|---|---|---|---|---|
| 総数 | Total | 1,328 | 3,253,918 | 943,372 | 31,897 |
| 国立 | National | 1,203 | 1,139,320 | 653,579 | 25,163 |
| 公立 | Public | 1,159 | 234,393 | 41,339 | 955 |
| 私立 | Private | 1,476 | 1,880,204 | 248,454 | 5,779 |
| 大学等の種類別 | By type of university and college | | | | |
| #大学の学部 | University faculties | 1,224 | 2,797,144 | 690,711 | 17,711 |
| 短期大学 | Junior colleges | 1,132 | 66,369 | 3,138 | 6 |
| 大学附置研究所 | Research institutes attached to universities | 2,597 | 120,553 | 126,361 | 11,003 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18-1 科学技術（続き）
Science and Technology (*Cont'd*)

## G 産業別技術交流（令和4～6年度）
International Technology Exchange by Industry (F.Y. 2022 to 2024)

（単位 金額 100万円） (Monetary figures in millions of *yen*)

| 年度 Fiscal year | | 技術輸出 Technology exports | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 企業数 Number of business enterprises | 対価受取額 Receipts | | | | | | | |
| | | | 全産業 All industries | #製造業 Manufacturing | #医薬品製造業 Drugs and medicines | #化学工業 Chemical products | #電気機械器具製造業 Electrical machinery, equipment and supplies | #輸送用機械器具製造業 Transportation equipment | #情報通信業 Information and communications | #情報サービス業 Information services |
| 令和4年 | 2022 | 2,661 | 4,995,858 | 4,461,729 | 929,177 | 88,983 | 137,725 | 2,317,028 | 41,738 | 33,942 |
| 5 | 2023 | 1,360 | 5,047,643 | 4,724,876 | 979,744 | 119,926 | 116,586 | 2,916,948 | 45,876 | 35,441 |
| 6 | 2024 | 1,579 | 5,470,471 | 5,129,263 | 1,200,584 | 108,037 | 133,881 | 3,013,700 | X | X |

| 年度 Fiscal year | | 技術輸入 Technology imports | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 企業数 Number of business enterprises | 対価支払額 Payments | | | | | | | |
| | | | 全産業 All industries | #製造業 Manufacturing | #医薬品製造業 Drugs and medicines | #化学工業 Chemical products | #電気機械器具製造業 Electrical machinery, equipment and supplies | #輸送用機械器具製造業 Transportation equipment | #情報通信業 Information and communications | #情報サービス業 Information services |
| 令和4年 | 2022 | 736 | 713,666 | 493,858 | 271,643 | 27,075 | 19,734 | 45,163 | 167,904 | 162,674 |
| 5 | 2023 | 671 | 685,760 | 456,862 | 253,013 | 18,152 | 19,206 | 47,219 | 175,097 | 169,352 |
| 6 | 2024 | 669 | 869,323 | 630,429 | X | 19,104 | 22,328 | 53,640 | 192,388 | 179,298 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18-1 科学技術(続き)
Science and Technology (*Cont'd*)

## H 主要国別技術交流の対価受払額(令和5、6年度)
Value of Technology Exchange by Principal Country (F.Y. 2023 and 2024)

(単位 100万円) (In millions of *yen*)

| 国(地域) | Country and region | 技術輸出対価受取額 Receipts of technology exports | | 技術輸入対価支払額 Payment of technology imports | |
|---|---|---|---|---|---|
| | | 令和5年度 F.Y. 2023 | 6年度 F.Y. 2024 | 令和5年度 F.Y. 2023 | 6年度 F.Y. 2024 |
| 総数 | Total | 5,047,643 | 5,470,471 | 685,760 | 869,323 |
| # インド | India | 231,248 | 259,589 | 1,871 | 1,569 |
| インドネシア | Indonesia | 158,428 | 171,277 | 237 | 188 |
| 韓国 | Korea, Rep. of | 73,116 | 94,205 | 6,464 | 17,343 |
| タイ | Thailand | 394,787 | 386,318 | 783 | 825 |
| 中国 | China | 613,094 | 555,218 | 8,733 | 15,879 |
| 台湾 | Taiwan | 59,459 | 58,133 | 6,661 | 3,939 |
| パキスタン | Pakistan | 8,729 | 9,966 | - | - |
| フィリピン | Philippines | 43,683 | 43,601 | 109 | 18 |
| マレーシア | Malaysia | 59,619 | 51,894 | 30 | 11 |
| シンガポール | Singapore | 25,587 | 22,249 | 921 | 2,427 |
| イラク | Iraq | 452 | 719 | - | - |
| イラン | Iran | 1 | - | - | - |
| サウジアラビア | Saudi Arabia | 1,177 | 1,395 | - | - |
| クウェート | Kuwait | - | - | - | - |
| トルコ | Turkey | 33,040 | 38,025 | 1 | 17 |
| アメリカ合衆国 | U.S.A. | 1,998,177 | 2,218,805 | 448,392 | 483,431 |
| カナダ | Canada | 122,599 | 140,100 | 2,873 | 919 |
| メキシコ | Mexico | 161,507 | 194,619 | 550 | 578 |
| アルゼンチン | Argentina | 27,907 | 31,116 | 13 | 50 |
| ブラジル | Brazil | 66,886 | 73,122 | 5 | 1 |
| イギリス | U.K. | 522,639 | 627,602 | 54,307 | 37,073 |
| イタリア | Italy | 6,787 | 7,392 | 979 | 673 |
| オーストリア | Austria | 3,264 | 630 | 271 | 1,615 |
| オランダ | Netherlands | 27,437 | 29,932 | 14,482 | 107,023 |
| スイス | Switzerland | 58,777 | 70,600 | 50,763 | 59,530 |
| スウェーデン | Sweden | 3,873 | 2,938 | 4,275 | 3,778 |
| スペイン | Spain | 5,691 | 6,572 | 2,650 | 1,473 |
| ロシア | Russia | 953 | 1,743 | 6 | 0 |
| デンマーク | Denmark | 1,955 | 739 | 15,071 | 14,990 |
| ドイツ | Germany | 37,615 | 40,620 | 29,164 | 59,458 |
| ノルウェー | Norway | 33 | 45 | 793 | 74 |
| フィンランド | Finland | 1,160 | 1,116 | 4,597 | 11,207 |
| フランス | France | 49,632 | 56,328 | 5,124 | 6,378 |
| ベルギー | Belgium | 32,984 | 33,798 | 1,050 | 4,988 |
| ポーランド | Poland | 19,874 | 20,299 | 3 | 45 |
| ルーマニア | Romania | 2,160 | 2,452 | - | - |
| ギリシャ | Greece | 169 | 193 | - | - |
| エジプト | Egypt | 2,216 | 2,921 | - | 1 |
| アルジェリア | Algeria | - | - | - | - |
| ケニア | Kenya | 421 | 356 | - | - |
| リベリア | Liberia | - | - | - | - |
| ナイジェリア | Nigeria | 129 | 221 | - | - |
| 南アフリカ | South Africa, Rep. of | 16,658 | 16,364 | 4 | 53 |
| オーストラリア | Australia | 6,424 | 7,405 | 1,110 | 13,239 |
| ニュージーランド | New Zealand | 97 | 103 | 1,677 | 1,906 |

資料 総務省統計局「科学技術研究調査結果」
Source: Statistics Bureau, Ministry of Internal Affairs and Communications.

# 18-2 特許行政
Patent Administration

## A 出願、登録及び現存権利件数(令和3～7年)
Applied, Registered Cases and Existing Vested Rights (2021 to 2025)

| 区分 | Item | | 令和3年 2021 | 4年 2022 | 5年 2023 | 6年 2024 | 7年 2025 |
|---|---|---|---|---|---|---|---|
| 出願件数 | Applied cases | | | | | | |
| 特許 | Patents | | 289,200 | 289,530 | 300,133 | 306,855 | 358,317 |
| 内国人 | Domestic | | 222,452 | 218,813 | 228,936 | 237,169 | 287,582 |
| 外国人 | Foreigners | | 66,748 | 70,717 | 71,197 | 69,686 | 70,735 |
| 実用新案 | Utility models | | 5,239 | 4,513 | 4,949 | 4,655 | 4,768 |
| 内国人 | Domestic | | 3,762 | 2,964 | 2,868 | 2,608 | 2,641 |
| 外国人 | Foreigners | | 1,477 | 1,549 | 2,081 | 2,047 | 2,127 |
| 意匠 | Designs | 1) | 32,525 | 31,711 | 31,747 | 32,065 | 31,853 |
| 内国人 | Domestic | | 22,078 | 21,479 | 20,817 | 20,676 | 19,661 |
| 外国人 | Foreigners | | 10,447 | 10,232 | 10,930 | 11,389 | 12,192 |
| 商標 | Trademarks | 2) | 184,631 | 170,275 | 164,061 | 158,792 | 168,114 |
| 内国人 | Domestic | | 133,009 | 125,364 | 122,213 | 116,254 | 119,574 |
| 外国人 | Foreigners | | 51,622 | 44,911 | 41,848 | 42,538 | 48,540 |
| 登録件数 | Registered cases | | | | | | |
| 特許 | Patents | | 184,372 | 201,420 | 209,368 | 200,284 | 184,807 |
| 内国人 | Domestic | | 141,853 | 155,117 | 158,587 | 146,778 | 131,890 |
| 外国人 | Foreigners | | 42,519 | 46,303 | 50,781 | 53,506 | 52,917 |
| 実用新案 | Utility models | | 5,499 | 4,615 | 4,772 | 4,514 | 4,517 |
| 内国人 | Domestic | | 3,911 | 3,026 | 2,805 | 2,538 | 2,473 |
| 外国人 | Foreigners | | 1,588 | 1,589 | 1,967 | 1,976 | 2,044 |
| 意匠 | Designs | 1) | 27,490 | 29,540 | 26,908 | 27,598 | 27,613 |
| 内国人 | Domestic | | 19,395 | 20,197 | 18,733 | 18,687 | 17,689 |
| 外国人 | Foreigners | | 8,095 | 9,343 | 8,175 | 8,911 | 9,924 |
| 商標 | Trademarks | 2) | 174,098 | 183,804 | 124,334 | 132,011 | 134,798 |
| 内国人 | Domestic | | 125,277 | 131,219 | 90,379 | 94,052 | 94,864 |
| 外国人 | Foreigners | | 48,821 | 52,585 | 33,955 | 37,959 | 39,934 |
| 現存権利件数 | Existing vested rights | | | | | | |
| 特許 | Patents | | 2,020,424 | 2,029,223 | 2,063,676 | 2,085,215 | 2,077,054 |
| 内国人 | Domestic | | 1,642,368 | 1,637,423 | 1,650,607 | 1,649,703 | 1,625,367 |
| 外国人 | Foreigners | | 378,056 | 391,800 | 413,069 | 435,512 | 451,687 |
| 実用新案 | Utility models | 3) | 38,512 | 36,997 | 35,959 | 34,207 | 32,684 |
| 内国人 | Domestic | | 28,545 | 26,866 | 25,314 | 23,164 | 21,204 |
| 外国人 | Foreigners | | 9,967 | 10,131 | 10,645 | 11,043 | 11,480 |
| 意匠 | Designs | 1) | 262,514 | 268,813 | 276,693 | 286,660 | 295,190 |
| 内国人 | Domestic | | 215,200 | 215,734 | 219,079 | 224,059 | 227,857 |
| 外国人 | Foreigners | | 47,314 | 53,079 | 57,614 | 62,601 | 67,333 |
| 商標 | Trademarks | 2) | 2,070,877 | 2,180,817 | 2,224,365 | 2,274,229 | 2,328,841 |
| 内国人 | Domestic | | 1,642,049 | 1,712,901 | 1,736,621 | 1,762,370 | 1,792,960 |
| 外国人 | Foreigners | | 428,828 | 467,916 | 487,744 | 511,859 | 535,881 |

1) 国際意匠登録出願を含む。 2) 国際商標登録出願を含む。 3) 平成17年4月1日施行の権利期間10年の新実用新案登録出願に係る現存件数

1) Including the international applications for design registration. 2) Including the international applications for trademark registration. 3) Existing vested rights pertaining to application for registration of utility models with a 10-year entitlement term enforced on 1 April, 2005.

資料 特許庁「特許行政年次報告書」

Source: Japan Patent Office.

# 18-2 特許行政（続き）
Patent Administration (*Cont'd*)

## B 日本における外国への出願件数（令和5～7年）
Applied Cases to Foreign Country in Japan (2023 to 2025)

| 国（地域） | Country and region | 令和5年 2023 | 6年 2024 | 7年 2025 |
|---|---|---|---|---|
| 特許・実用新案 | Patents and utility models | 1,723 | 1,729 | 2,048 |
| # タイ | Thailand | 475 | 476 | 625 |
| アメリカ合衆国 | U.S.A. | 90 | 184 | 461 |
| インドネシア | Indonesia | 315 | 311 | 293 |
| ベトナム | Viet Nam | 171 | 207 | 178 |
| ドイツ | Germany | 62 | 52 | 62 |
| フィリピン | Philippines | 52 | 37 | 50 |
| 中国 | China | 55 | 45 | 39 |
| 香港 | Hong Kong | 7 | 7 | 35 |
| サウジアラビア | Saudi Arabia | 18 | 9 | 34 |
| インド | India | 63 | 42 | 30 |
| 意匠 | Designs | 2,664 | 1,947 | 1,907 |
| # タイ | Thailand | 275 | 272 | 271 |
| アメリカ合衆国 | U.S.A. | 251 | 186 | 187 |
| ベトナム | Viet Nam | 171 | 164 | 176 |
| インドネシア | Indonesia | 179 | 155 | 170 |
| 香港 | Hong Kong | 181 | 114 | 156 |
| イギリス | U.K. | 135 | 121 | 138 |
| マレーシア | Malaysia | 152 | 105 | 121 |
| インド | India | 177 | 130 | 111 |
| フィリピン | Philippines | 110 | 84 | 104 |
| 中国 | China | 148 | 119 | 86 |
| 商標 | Trademarks | 1,110 | 1,175 | 1,067 |
| # 台湾 | Taiwan | 326 | 379 | 385 |
| 中国 | China | 242 | 180 | 178 |
| 韓国 | Korea, Rep. of | 38 | 48 | 79 |
| マカオ | Macao | 33 | 22 | 40 |
| ベトナム | Viet Nam | 23 | 40 | 33 |
| タイ | Thailand | 35 | 66 | 24 |
| アメリカ合衆国 | U.S.A. | 52 | 31 | 24 |
| バングラデシュ | Bangladesh | 19 | 11 | 23 |
| インド | India | 4 | 23 | 23 |
| ミャンマー | Myanmar | 23 | 28 | 20 |

優先権を伴う出願に対する優先権証明書発行件数
Data refer to the number of priority certificates issued for applications accompanied with the first claim.

資料 特許庁「特許行政年次報告書」
Source: Japan Patent Office.