

Science and Technology in India's Union Budget: An Analysis across Five Years



Atharv Salvi, Intern, Data and Policy, IndiaBioscience
Karishma S Kaushik, Executive Director, IndiaBioscience

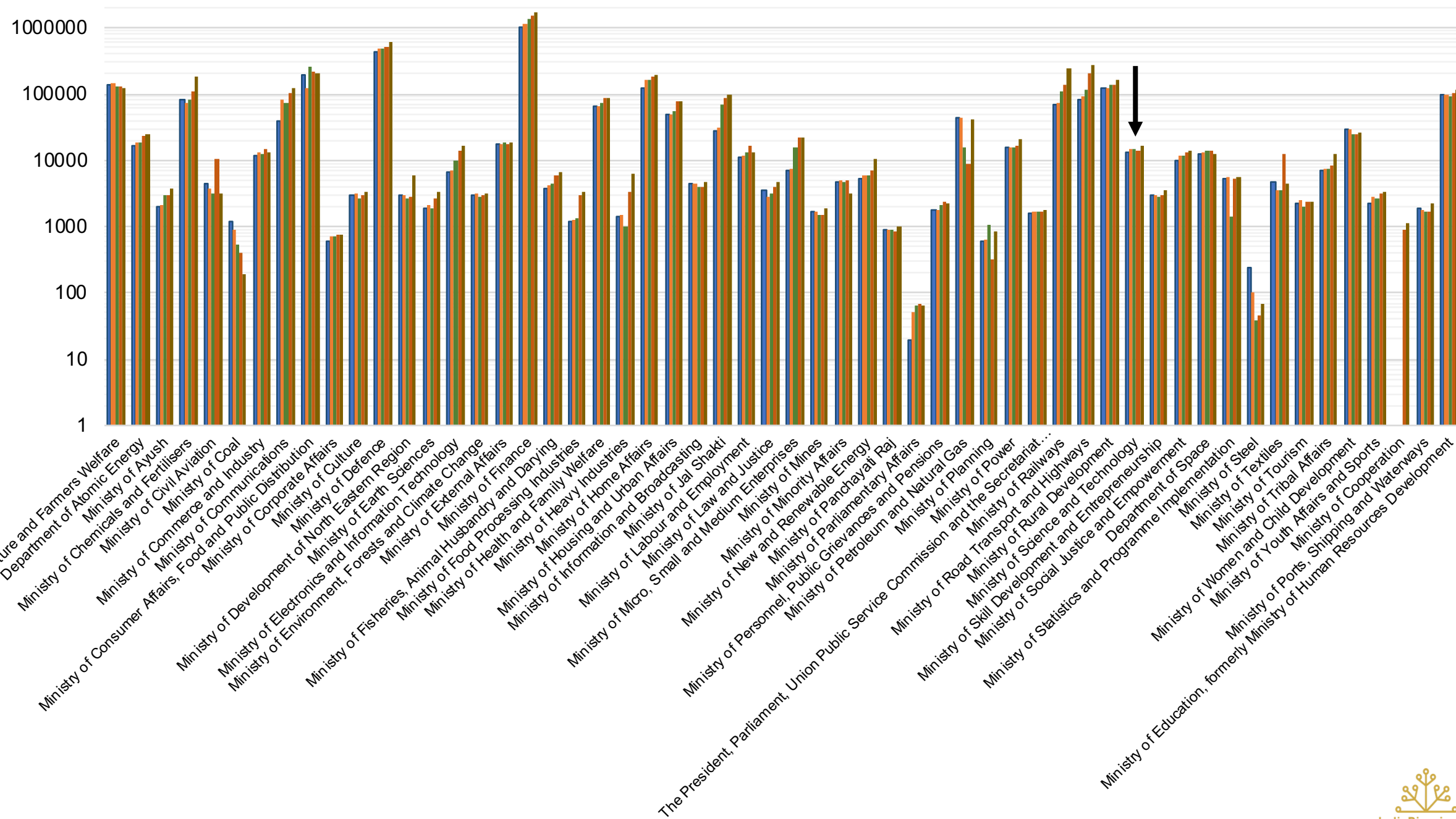
Part I

Expenditure allotment across all Ministries across five years

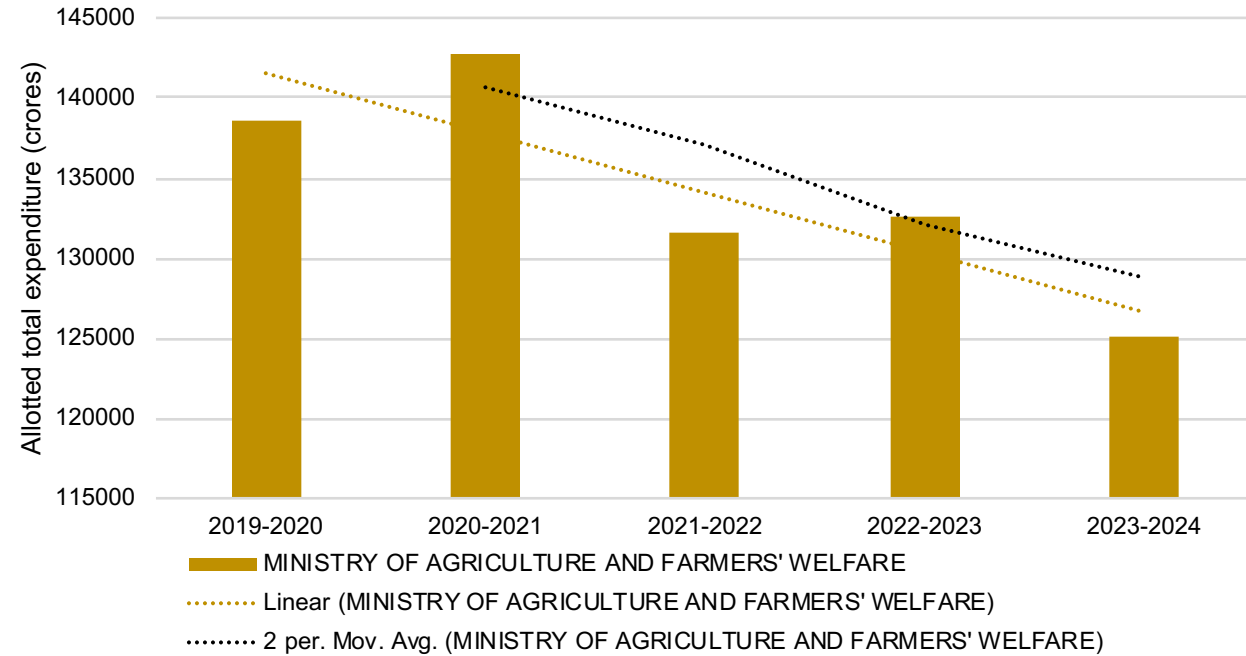


IndiaBioscience

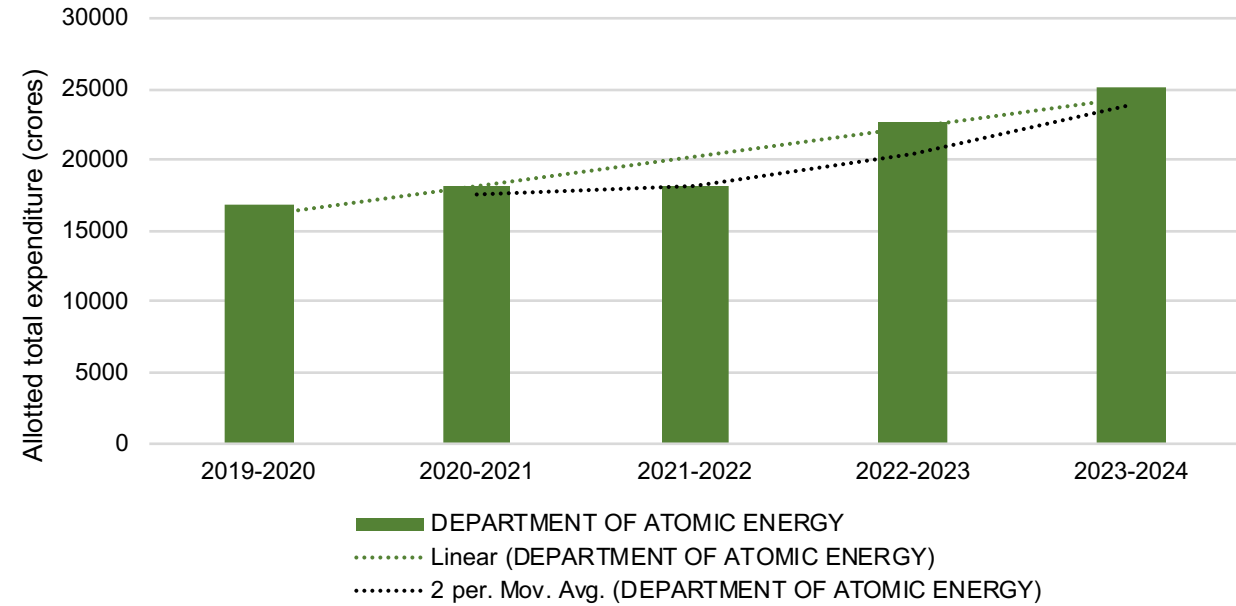
■ 2019-2020 ■ 2020-2021 ■ 2021-2022 ■ 2022-2023 ■ 2023-2024



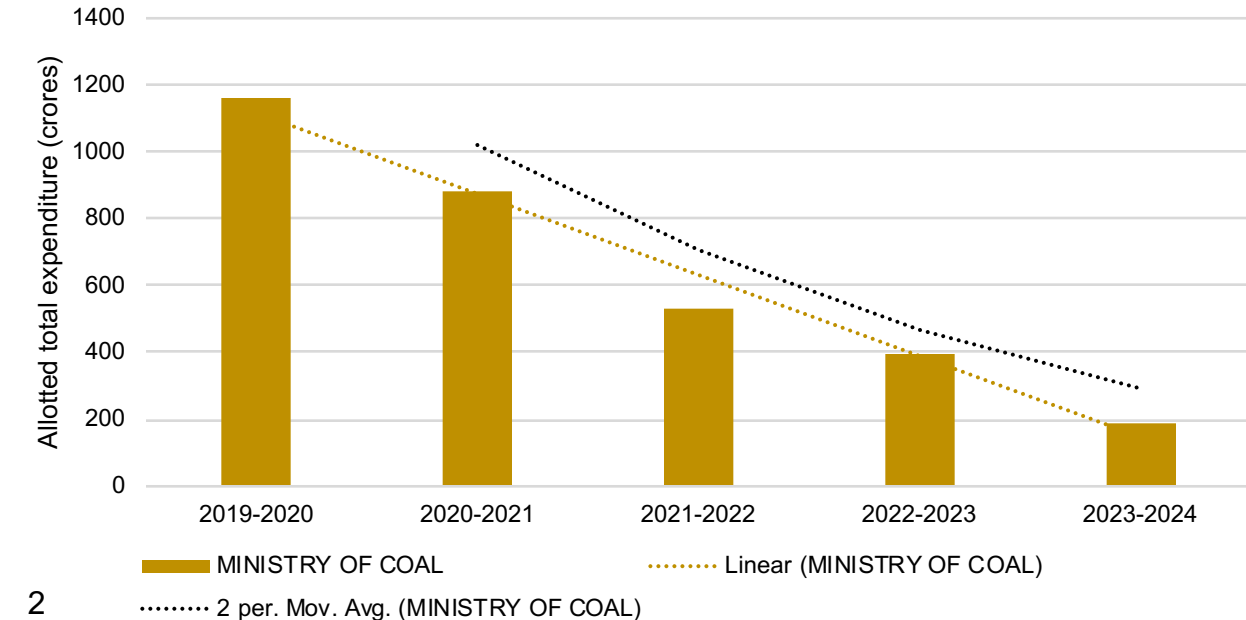
MINISTRY OF AGRICULTURE AND FARMERS' WELFARE



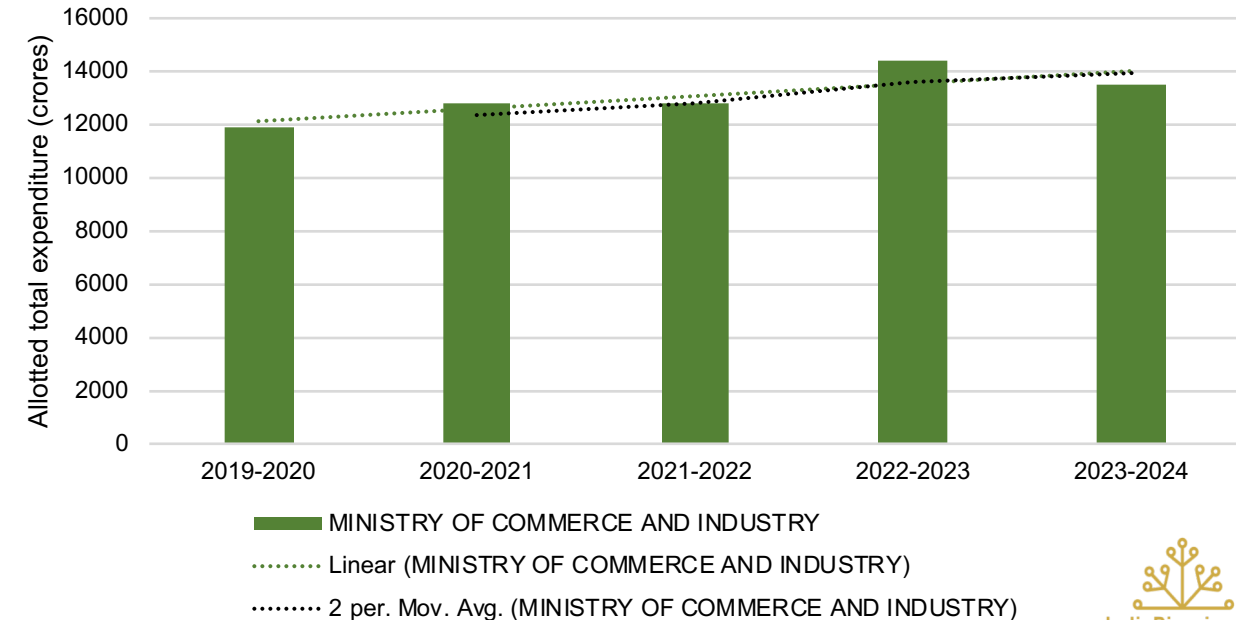
DEPARTMENT OF ATOMIC ENERGY



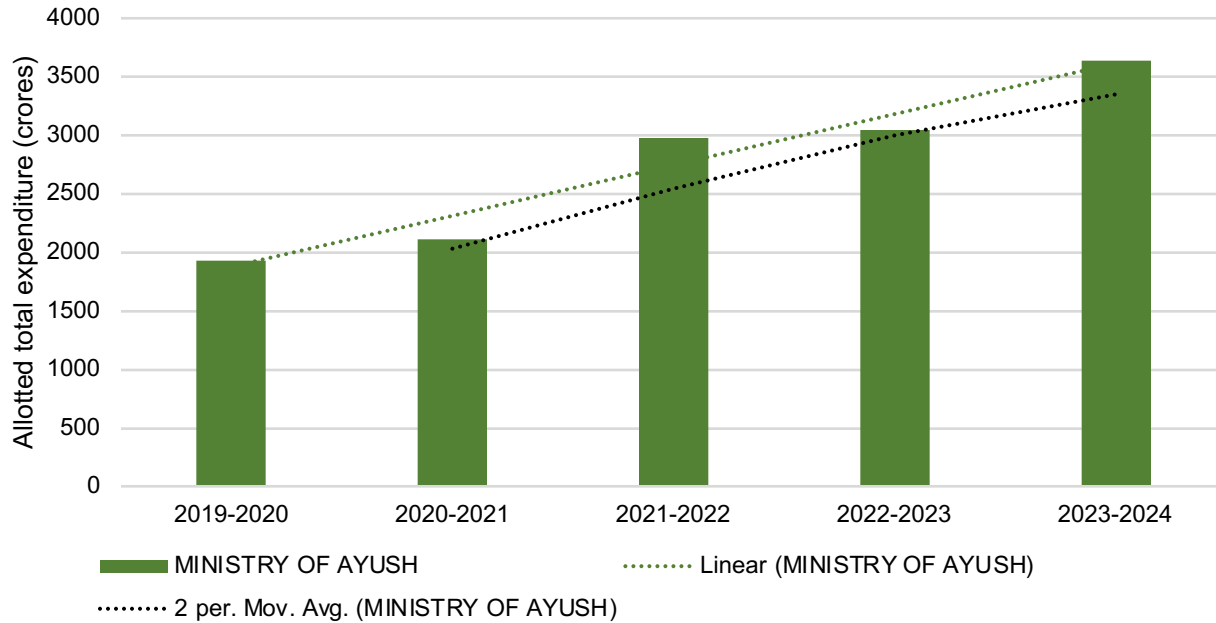
MINISTRY OF COAL



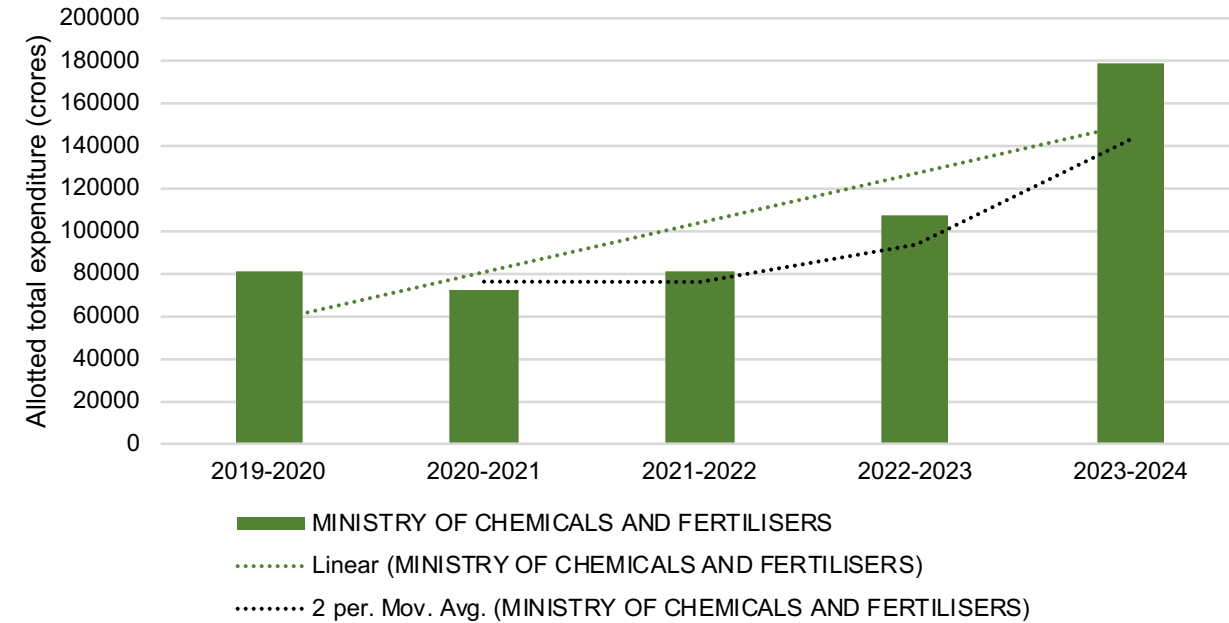
MINISTRY OF COMMERCE AND INDUSTRY



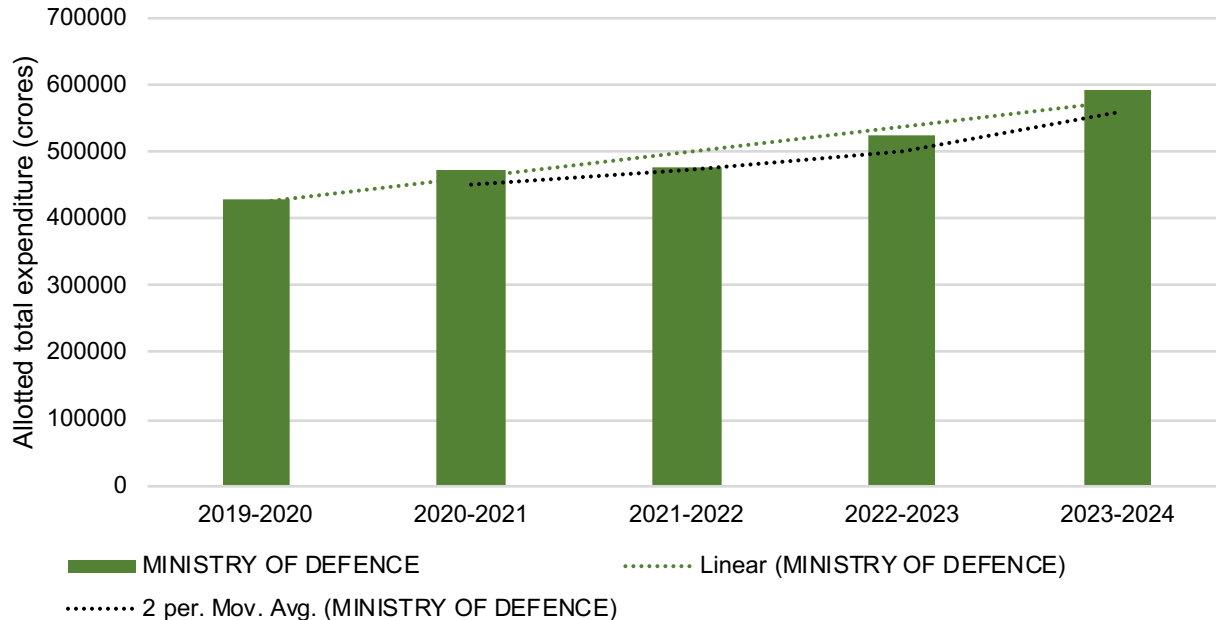
MINISTRY OF AYUSH



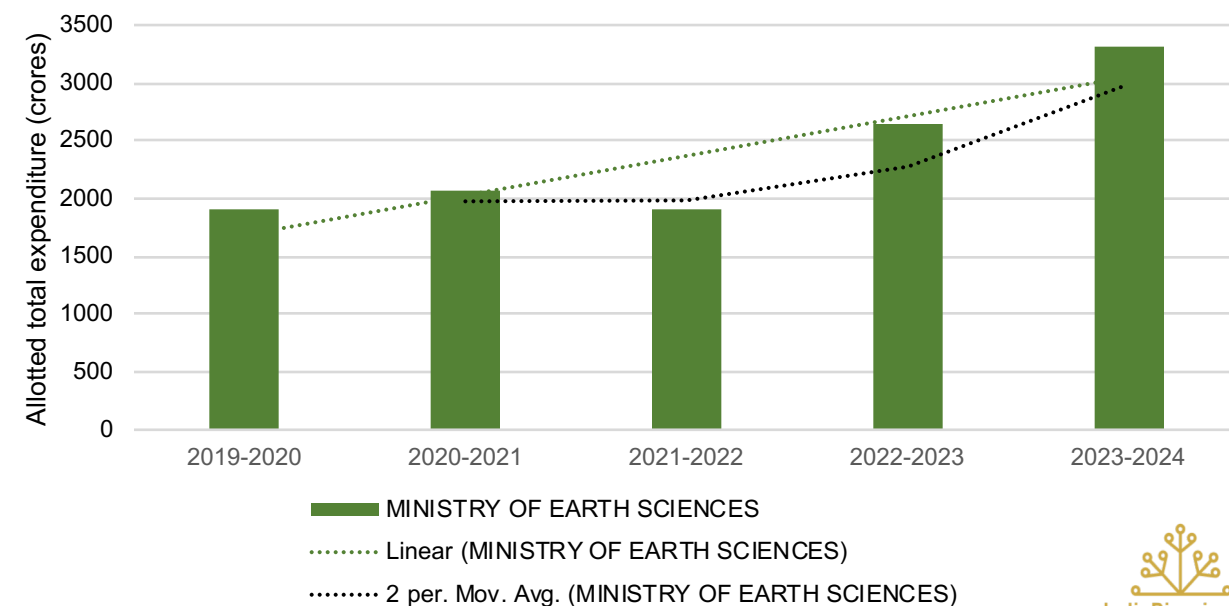
MINISTRY OF CHEMICALS AND FERTILISERS



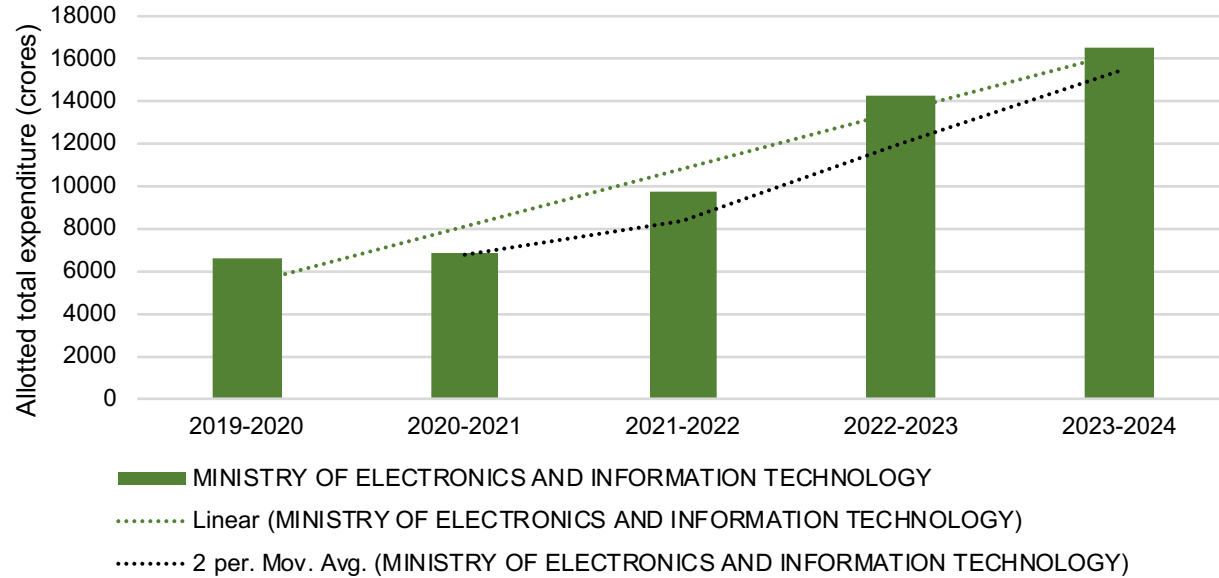
MINISTRY OF DEFENCE



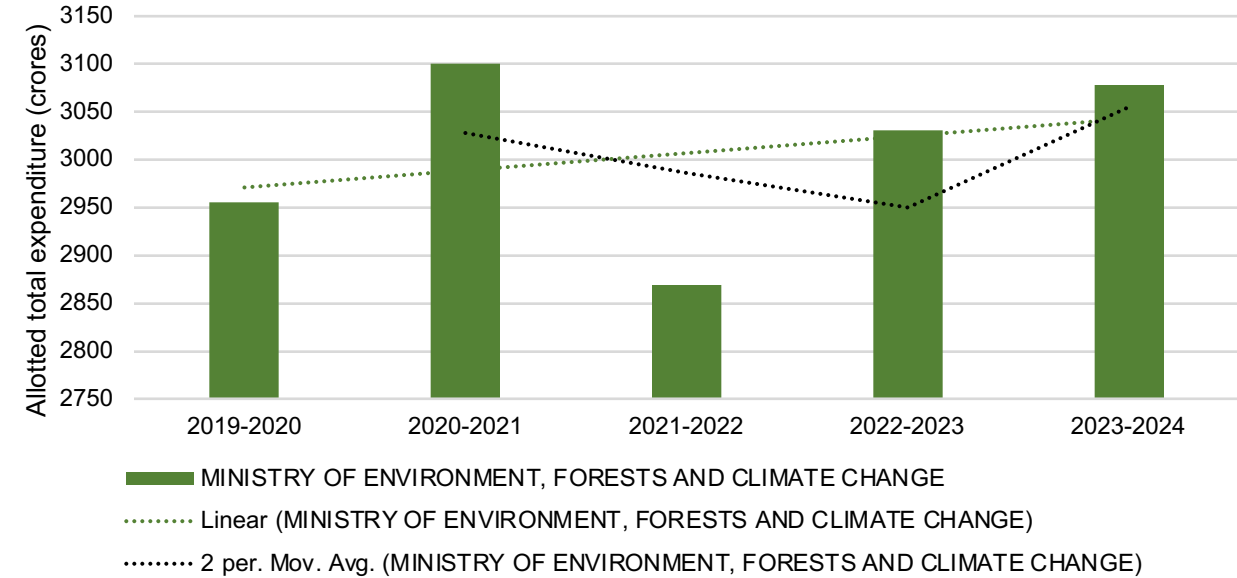
MINISTRY OF EARTH SCIENCES



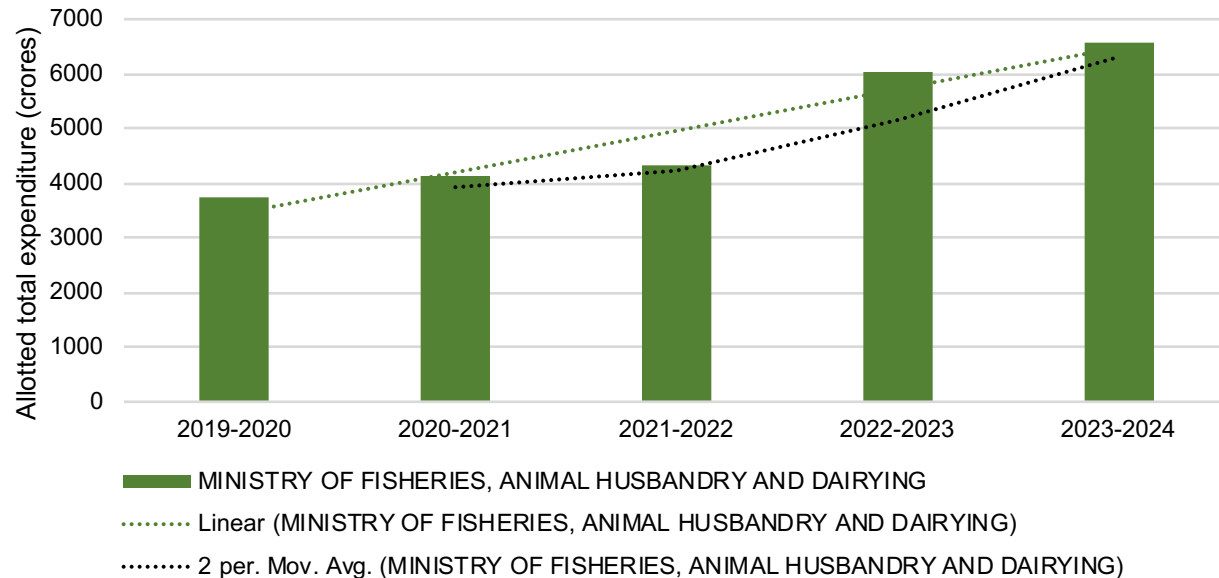
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY



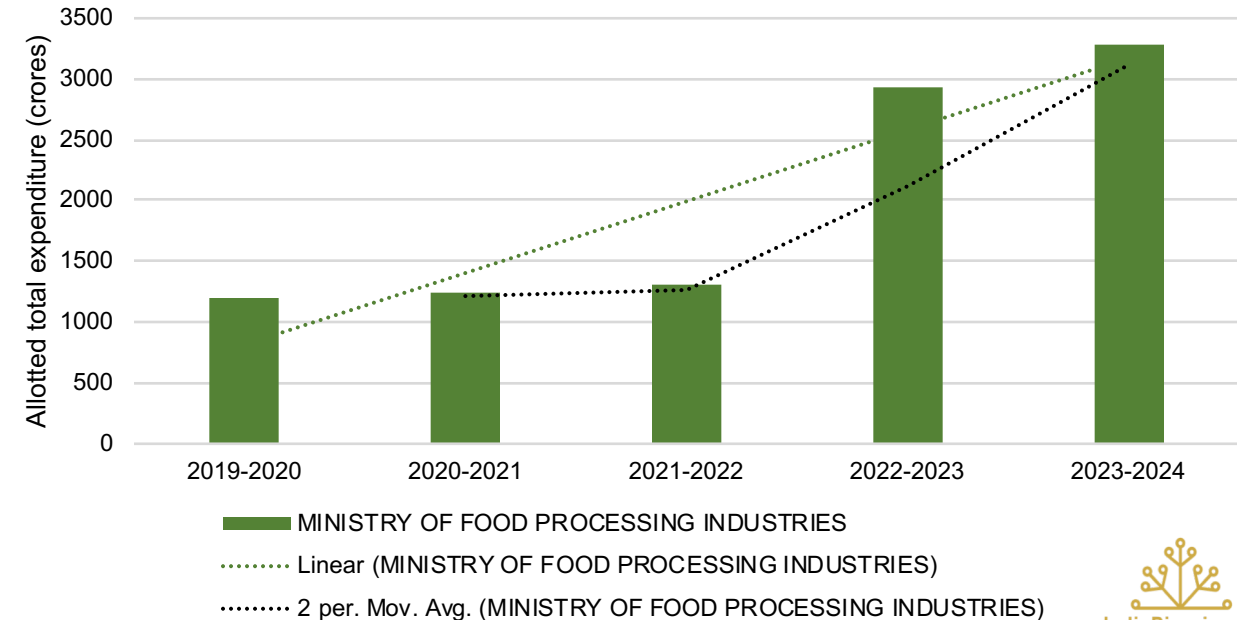
MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE



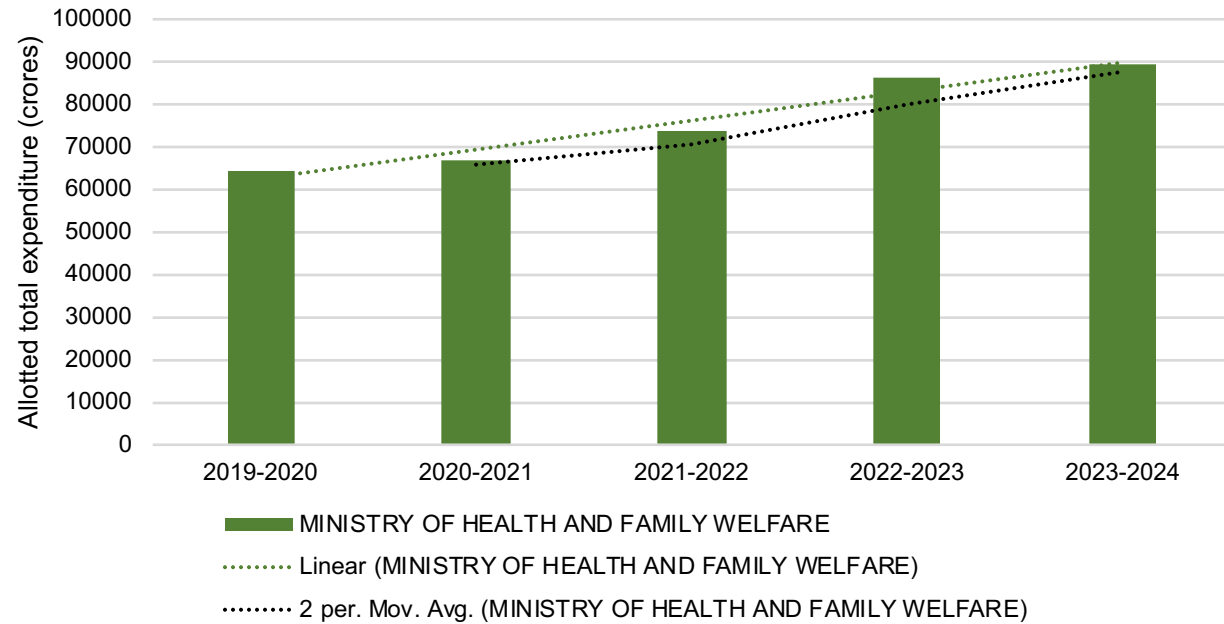
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING



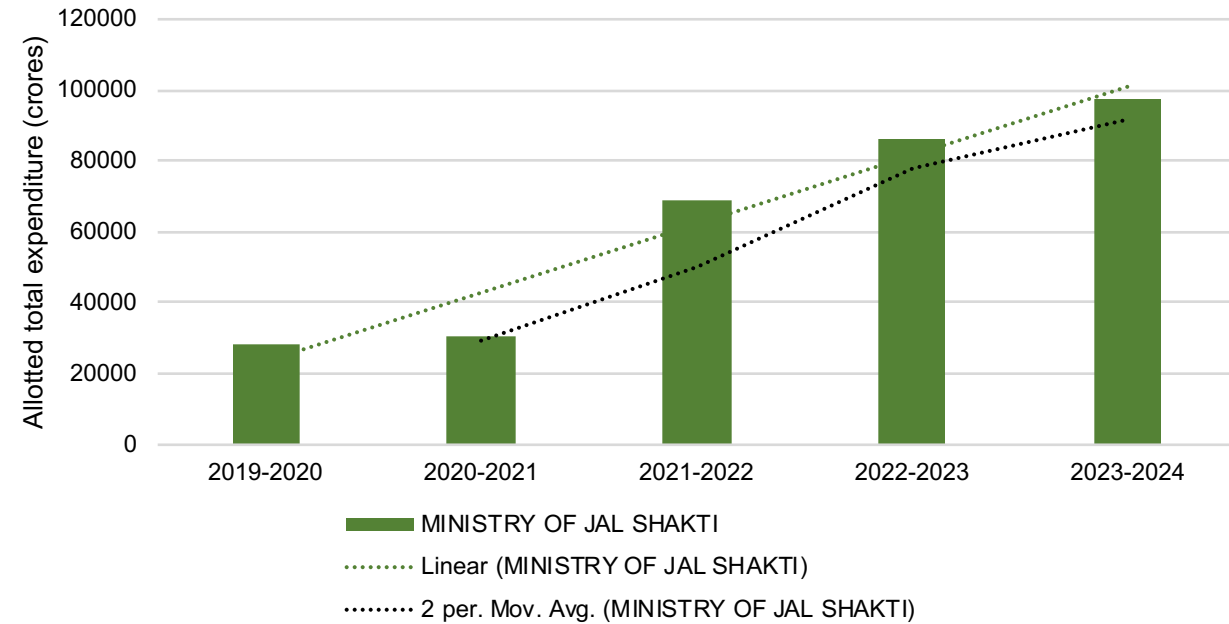
MINISTRY OF FOOD PROCESSING INDUSTRIES



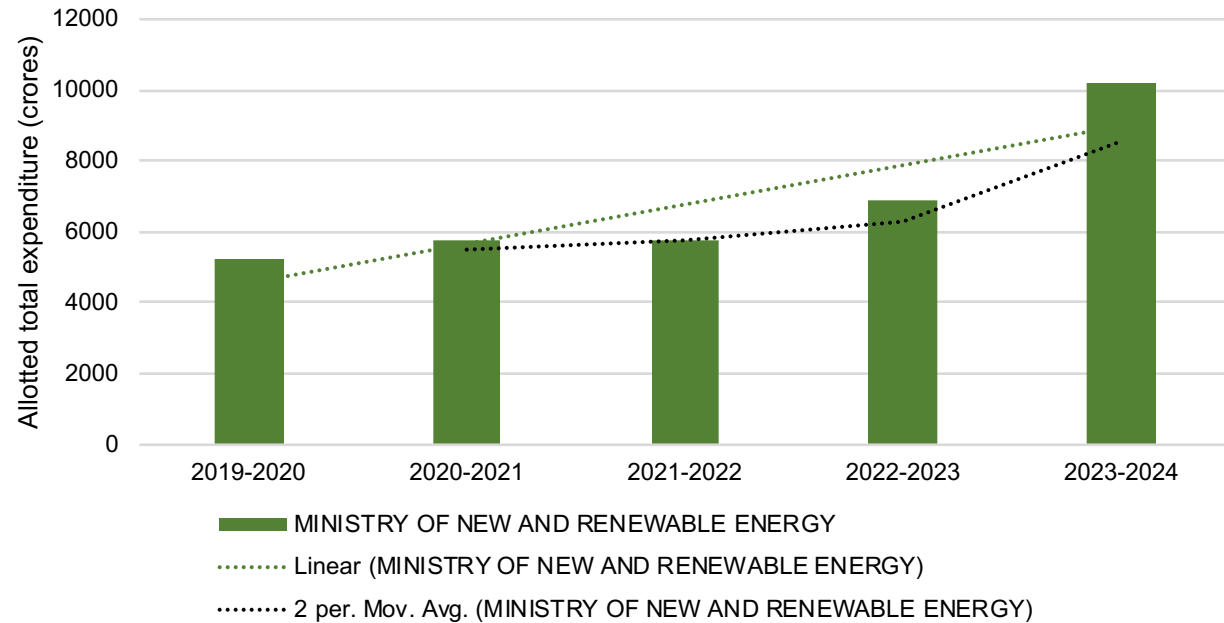
MINISTRY OF HEALTH AND FAMILY WELFARE



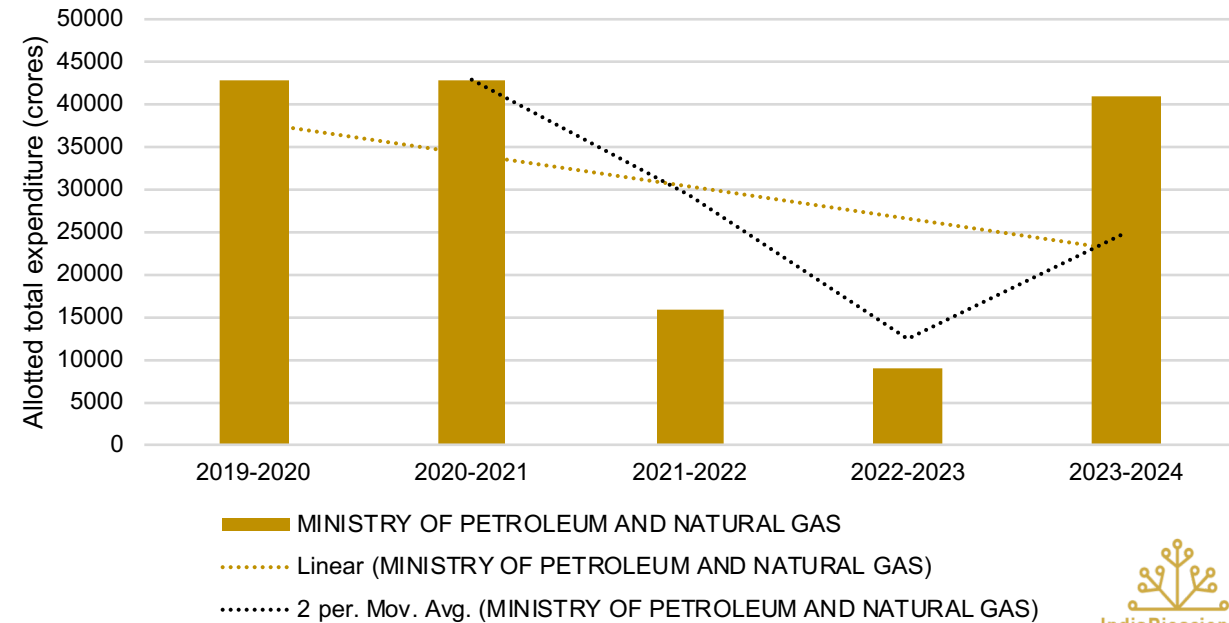
MINISTRY OF JAL SHAKTI



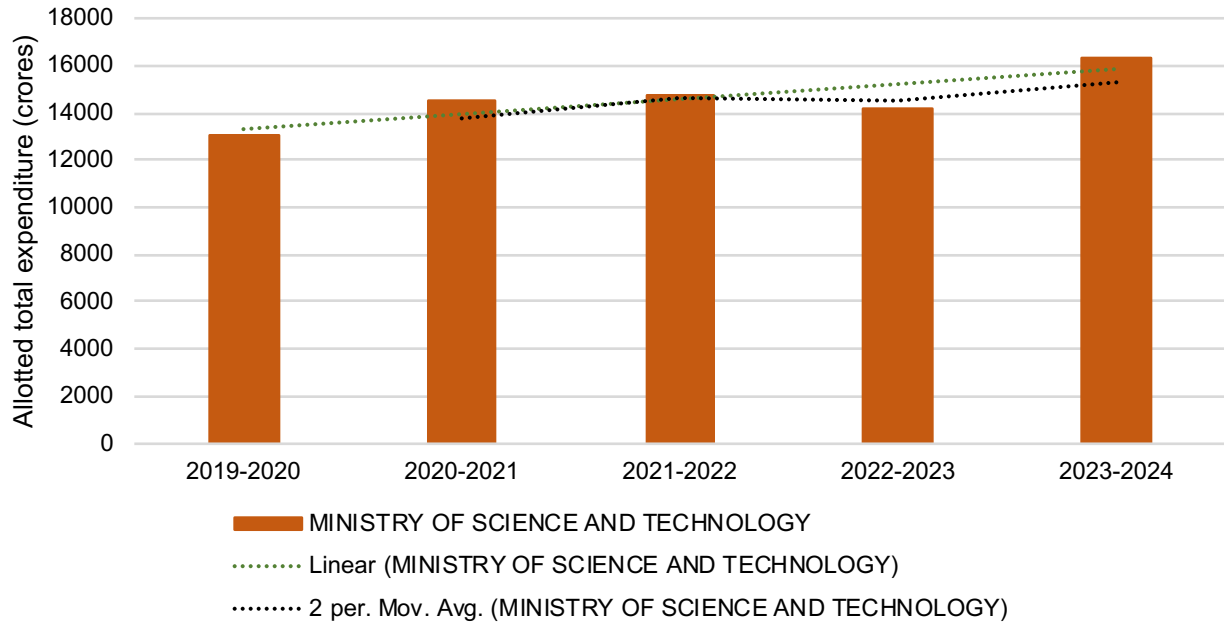
MINISTRY OF NEW AND RENEWABLE ENERGY



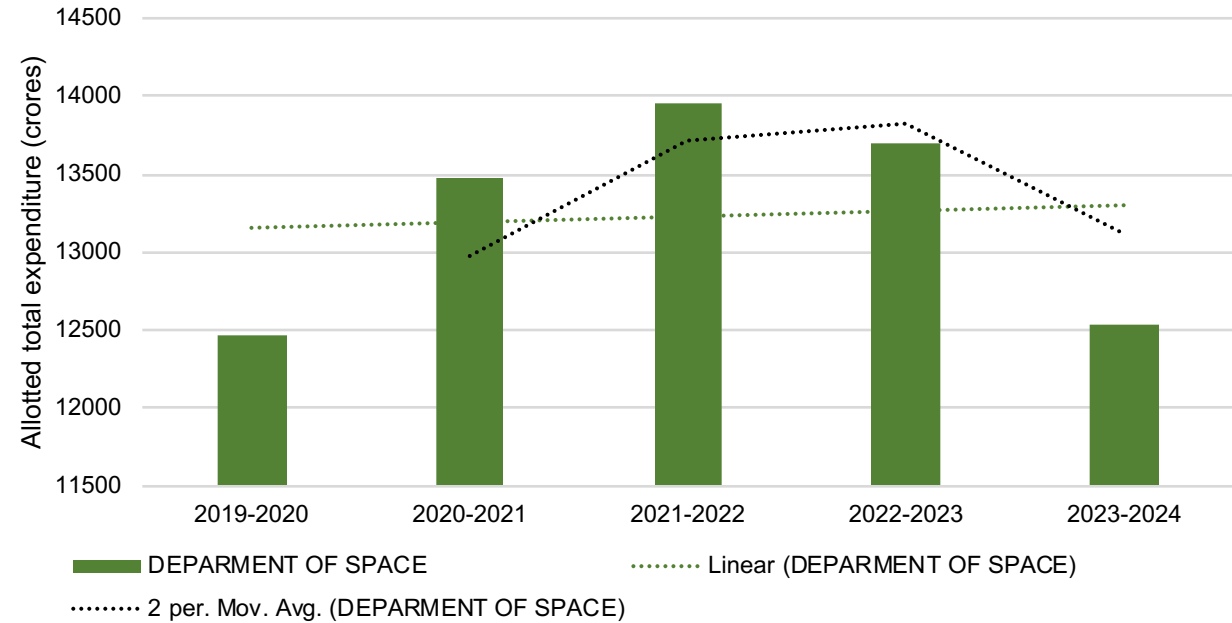
MINISTRY OF PETROLEUM AND NATURAL GAS



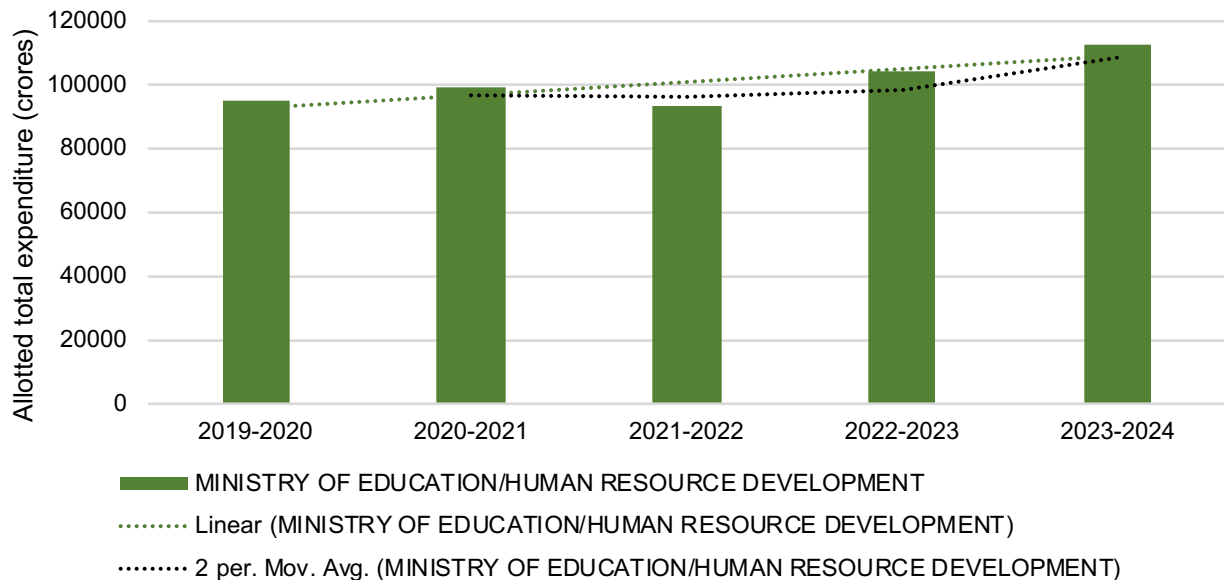
MINISTRY OF SCIENCE AND TECHNOLOGY



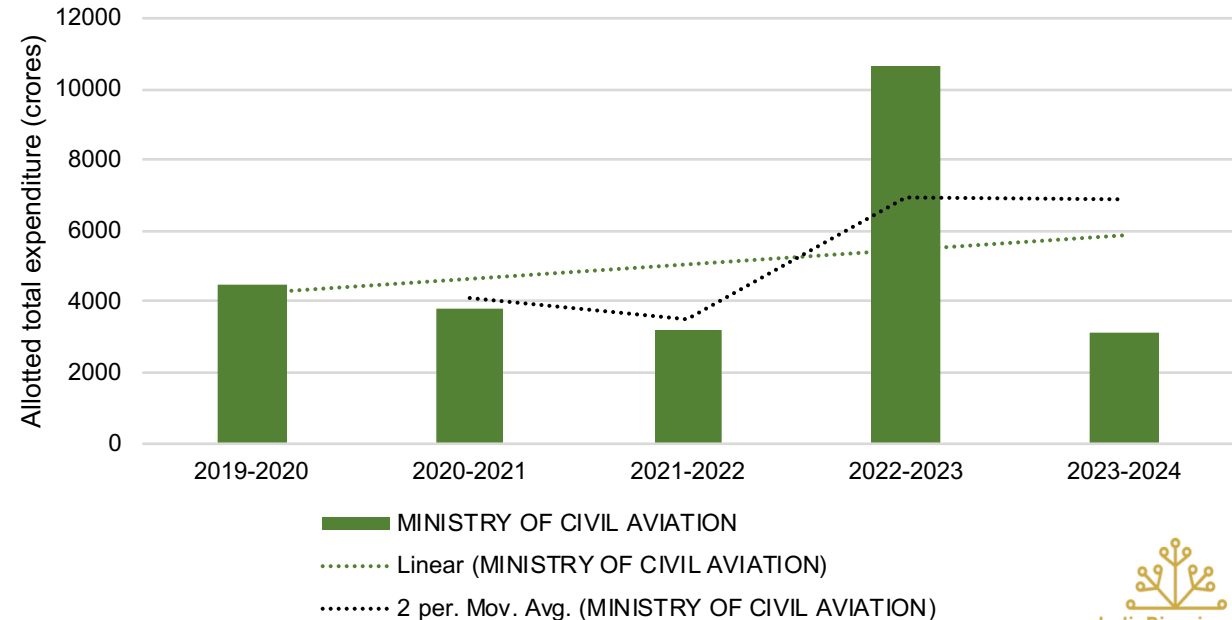
DEPARTMENT OF SPACE



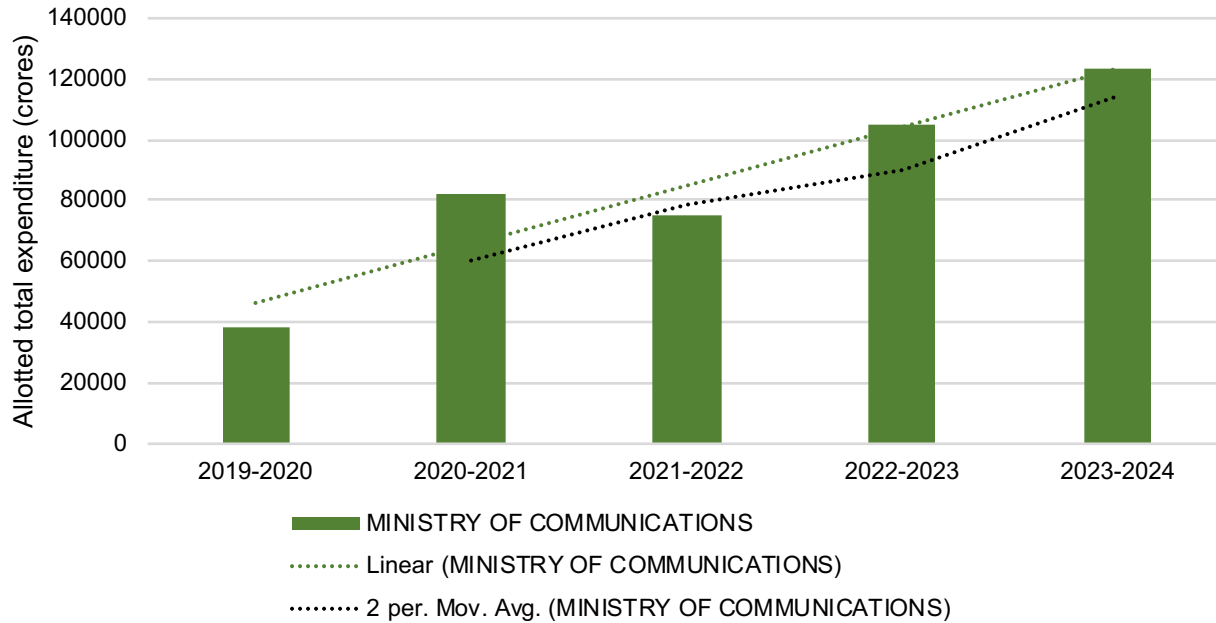
MINISTRY OF EDUCATION, FORMERLY MINISTRY OF HUMAN RESOURCE DEVELOPMENT



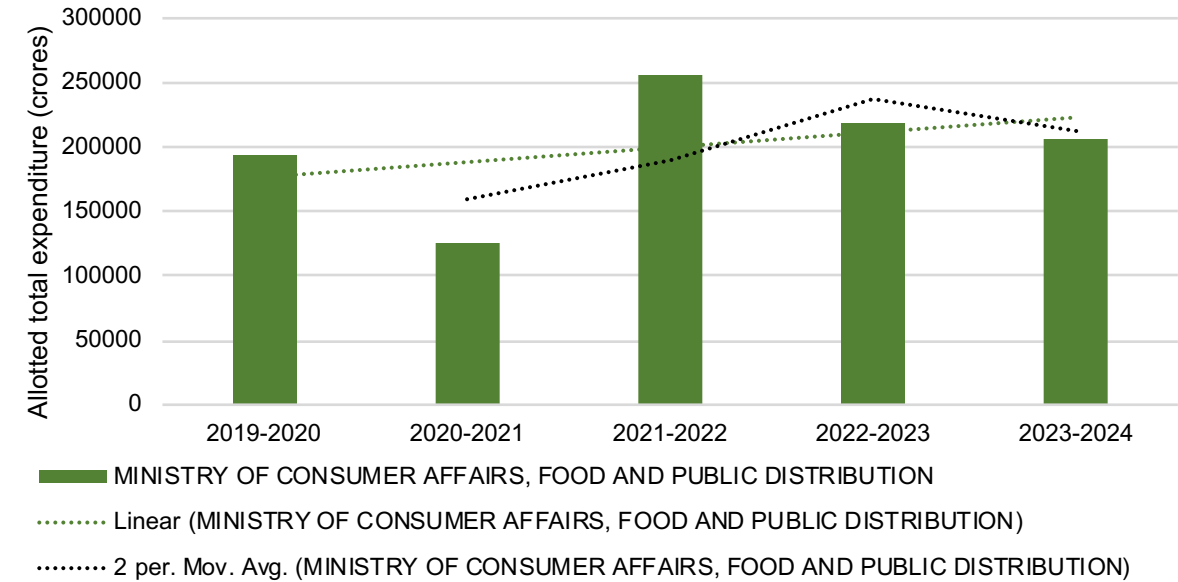
MINISTRY OF CIVIL AVIATION



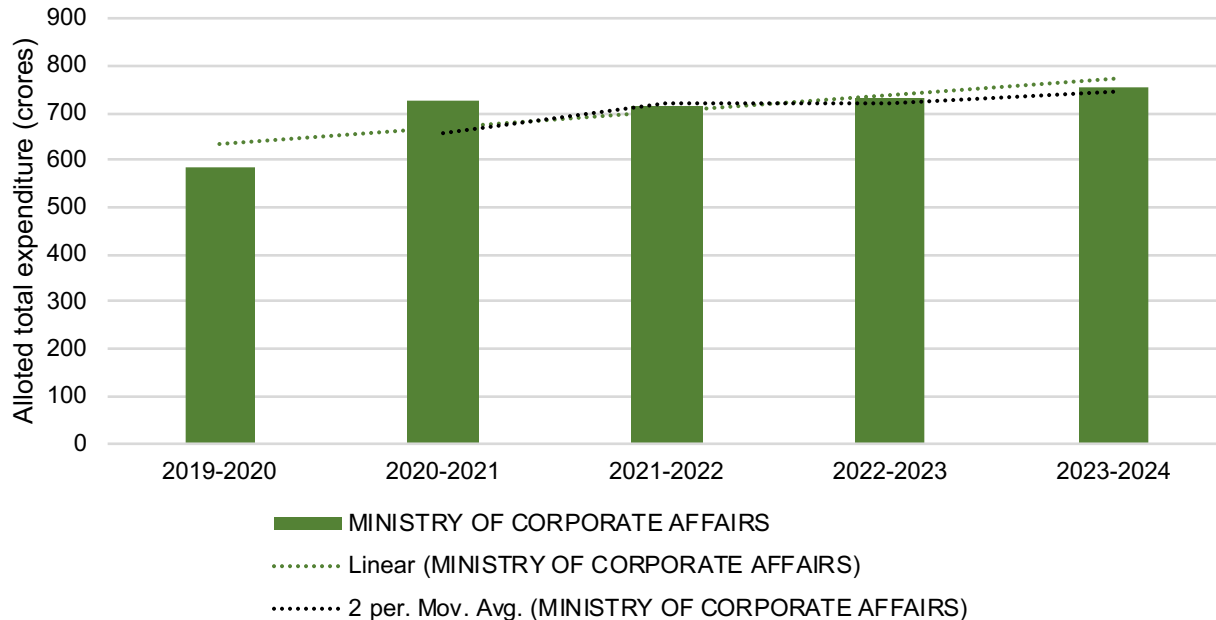
MINISTRY OF COMMUNICATIONS



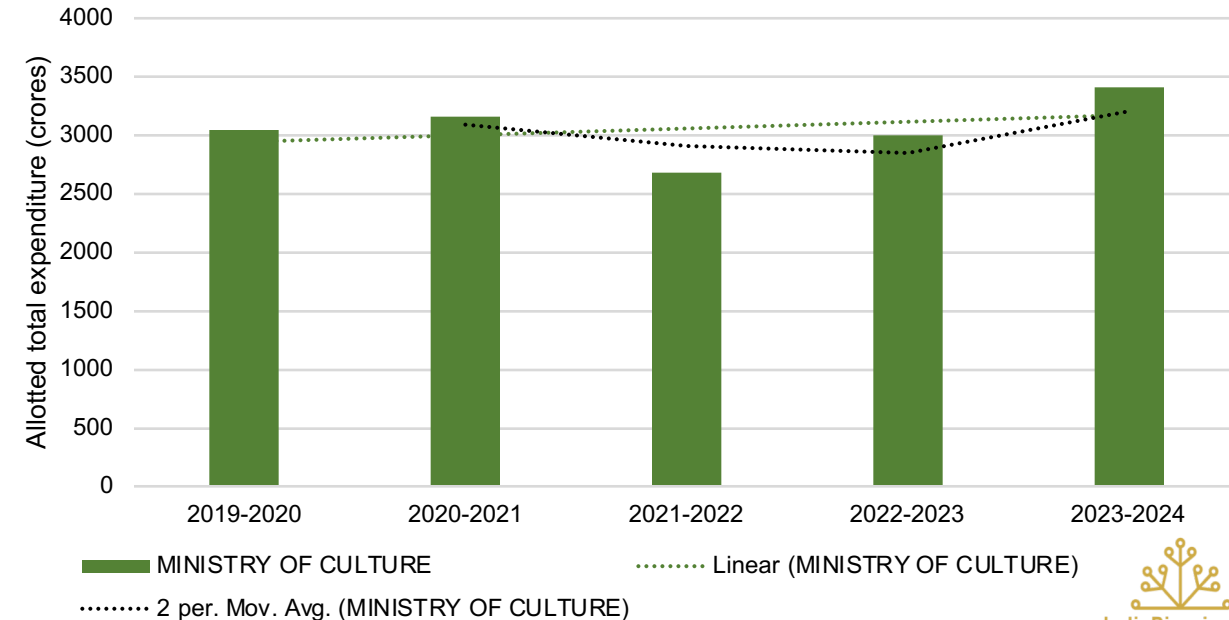
MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION



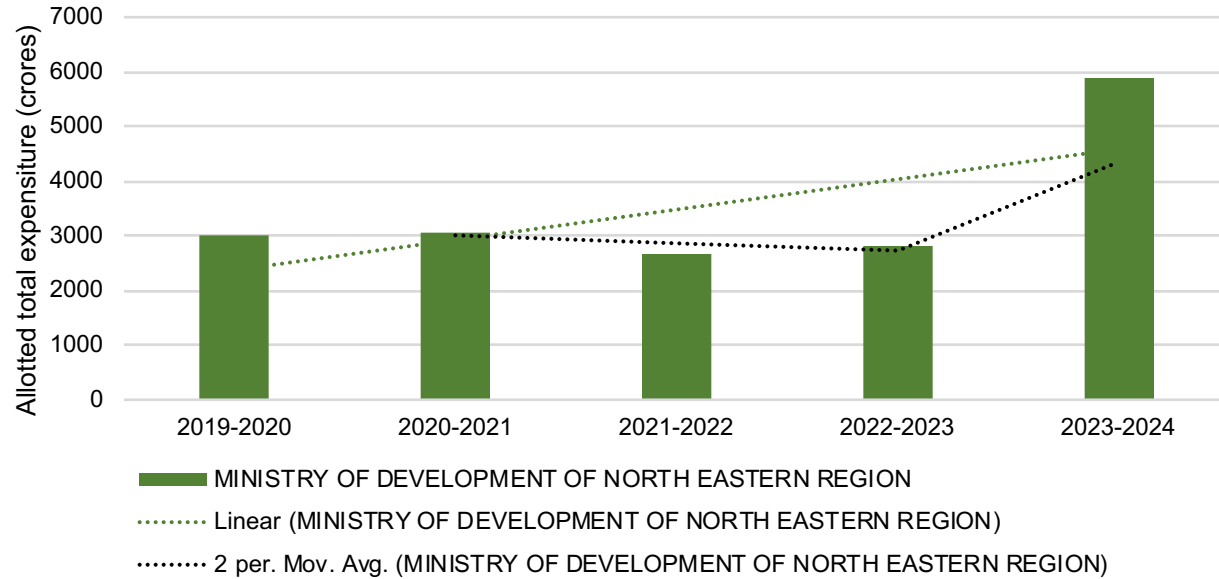
MINISTRY OF CORPORATE AFFAIRS



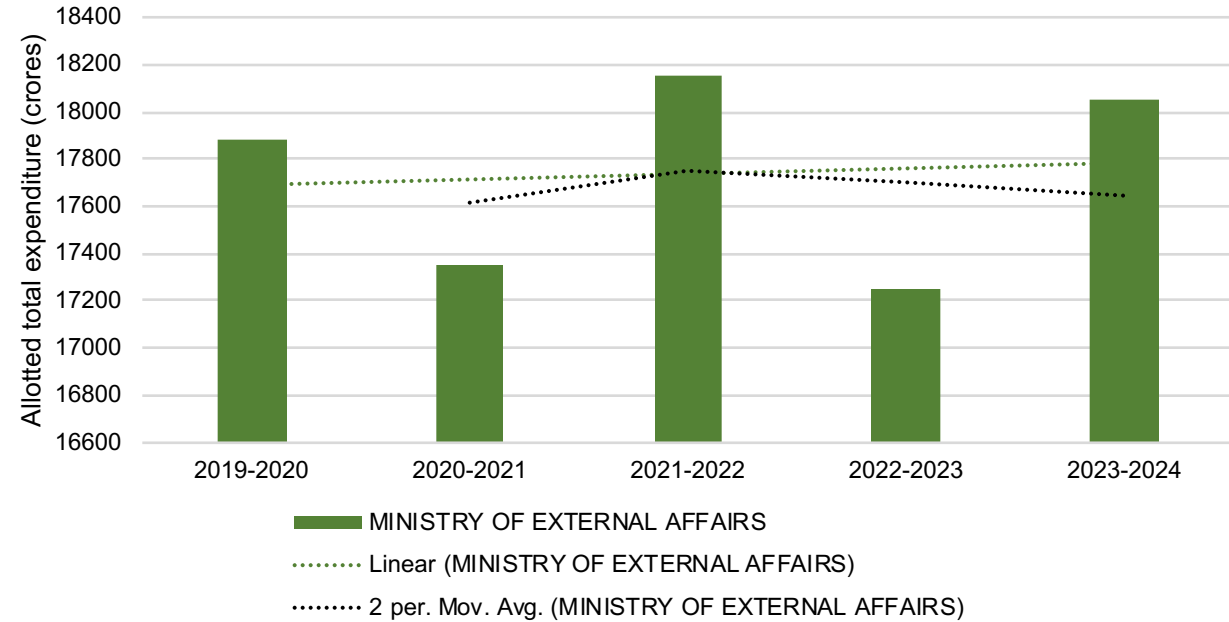
MINISTRY OF CULTURE



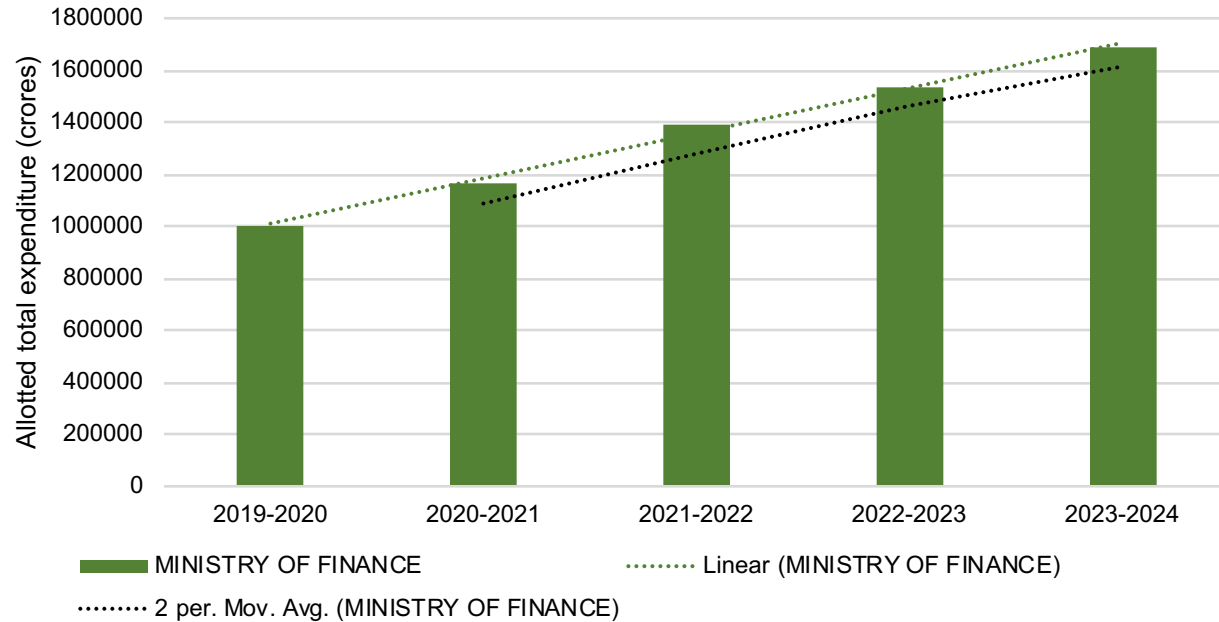
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION



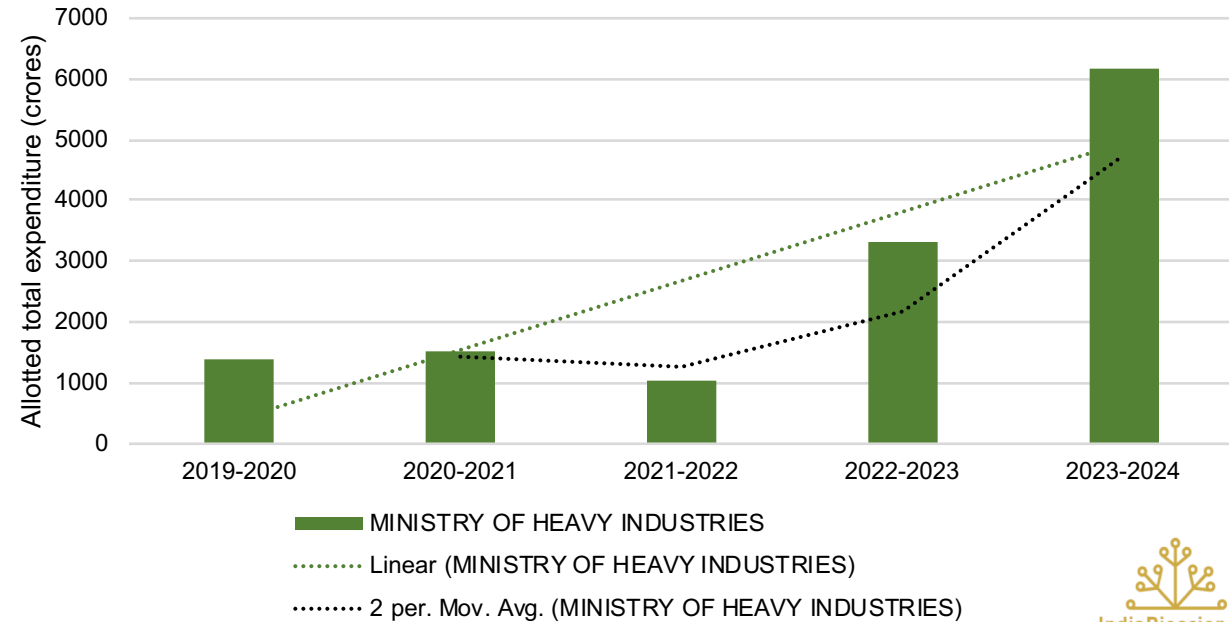
MINISTRY OF EXTERNAL AFFAIRS



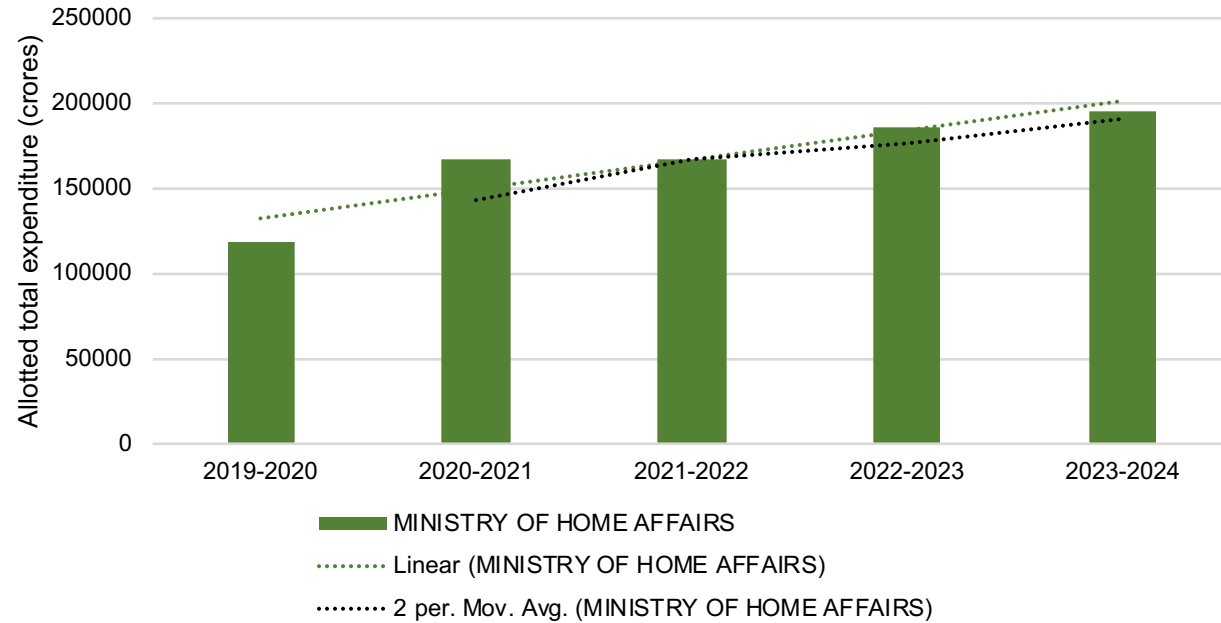
MINISTRY OF FINANCE



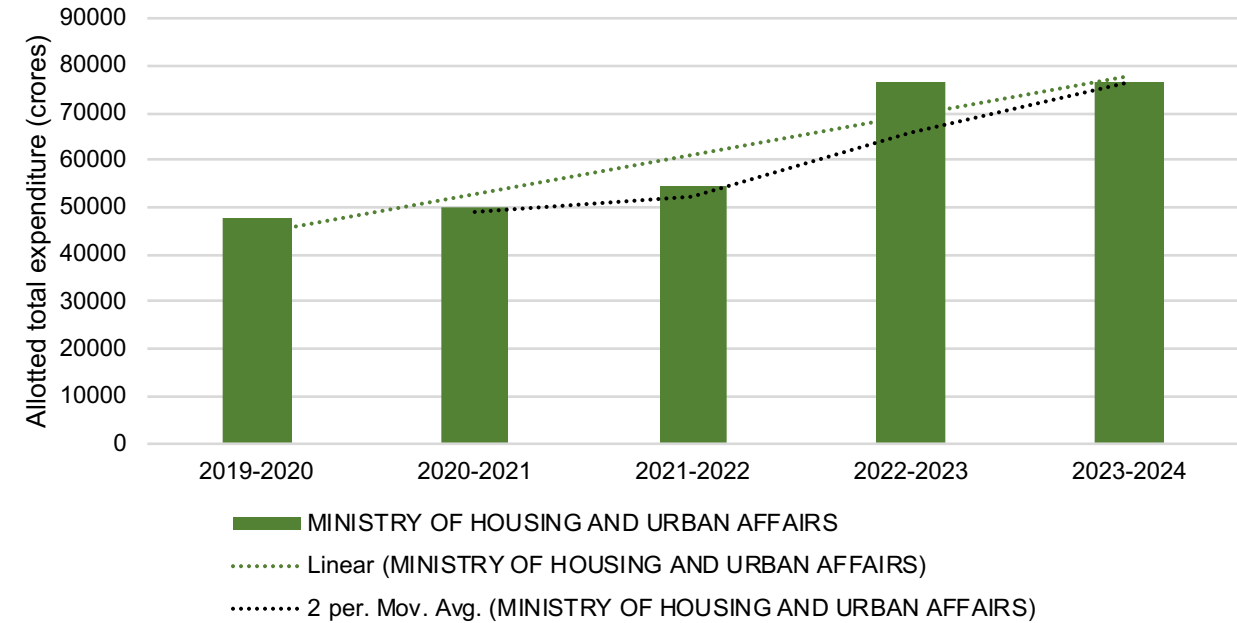
MINISTRY OF HEAVY INDUSTRIES



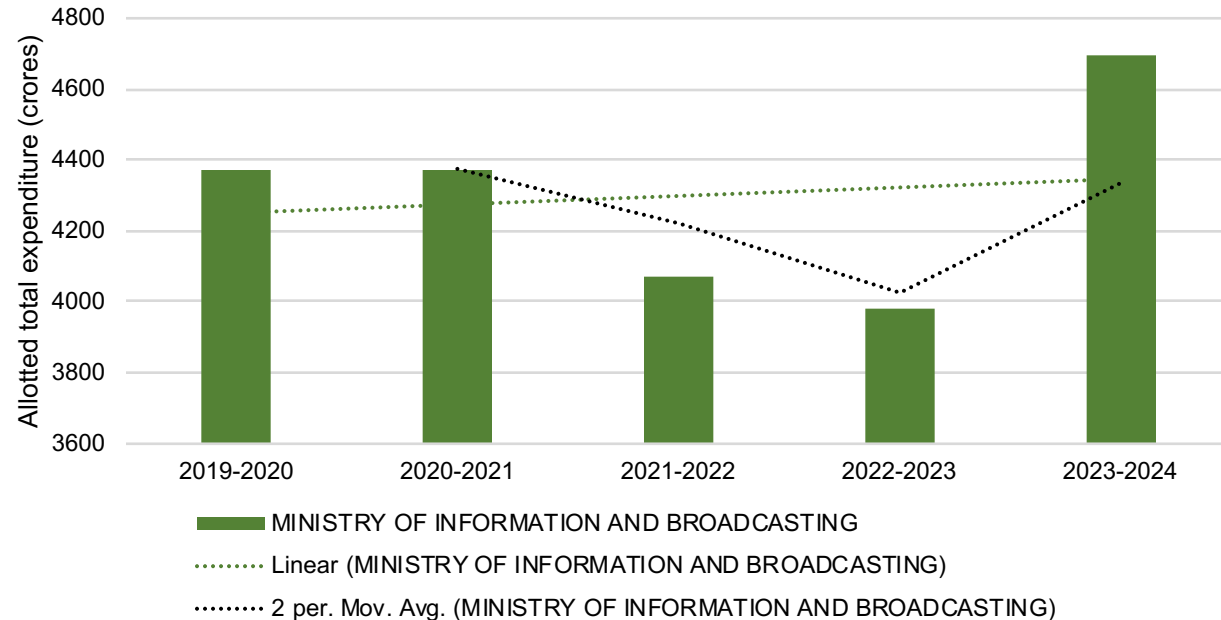
MINISTRY OF HOME AFFAIRS



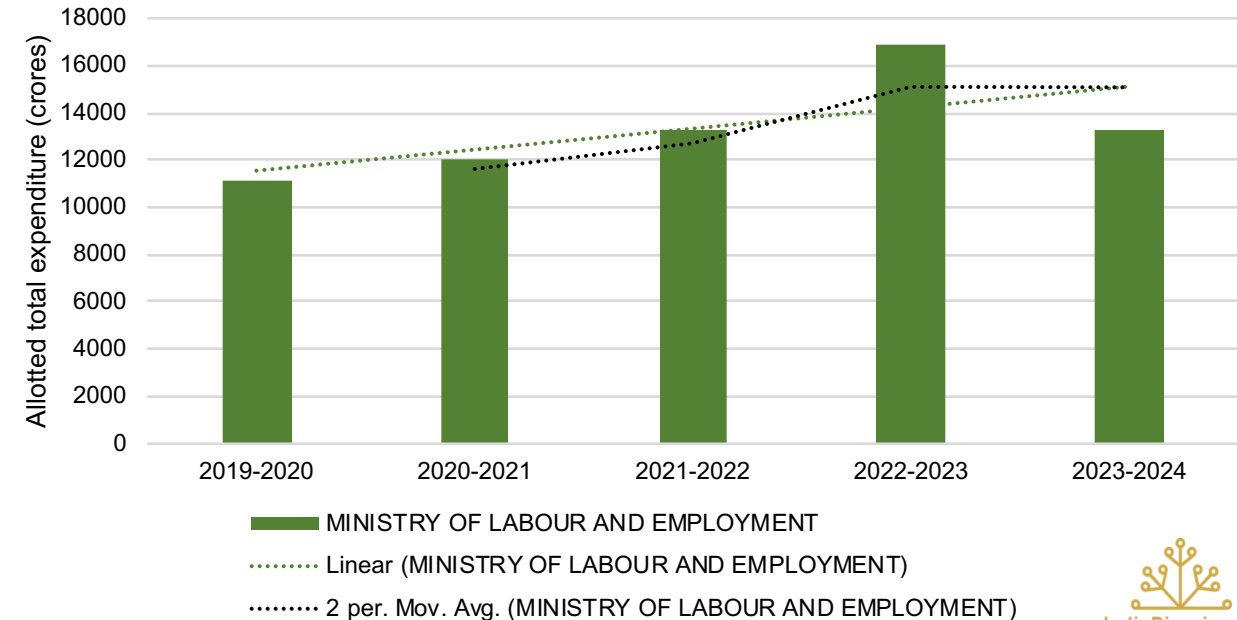
MINISTRY OF HOUSING AND URBAN AFFAIRS



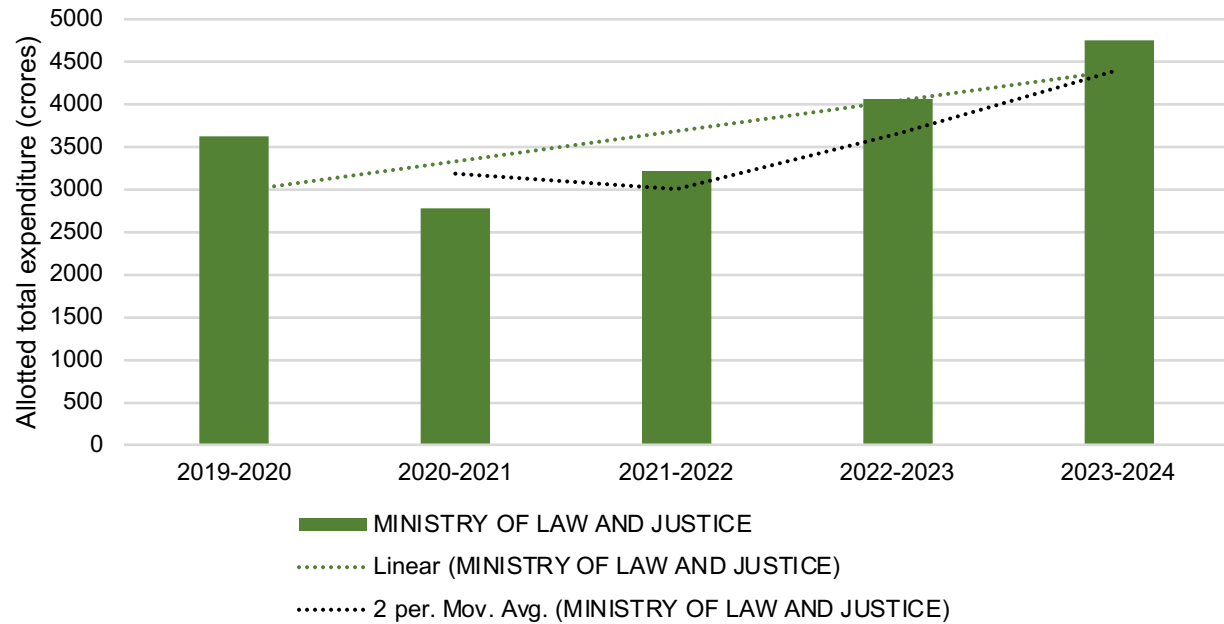
MINISTRY OF INFORMATION AND BROADCASTING



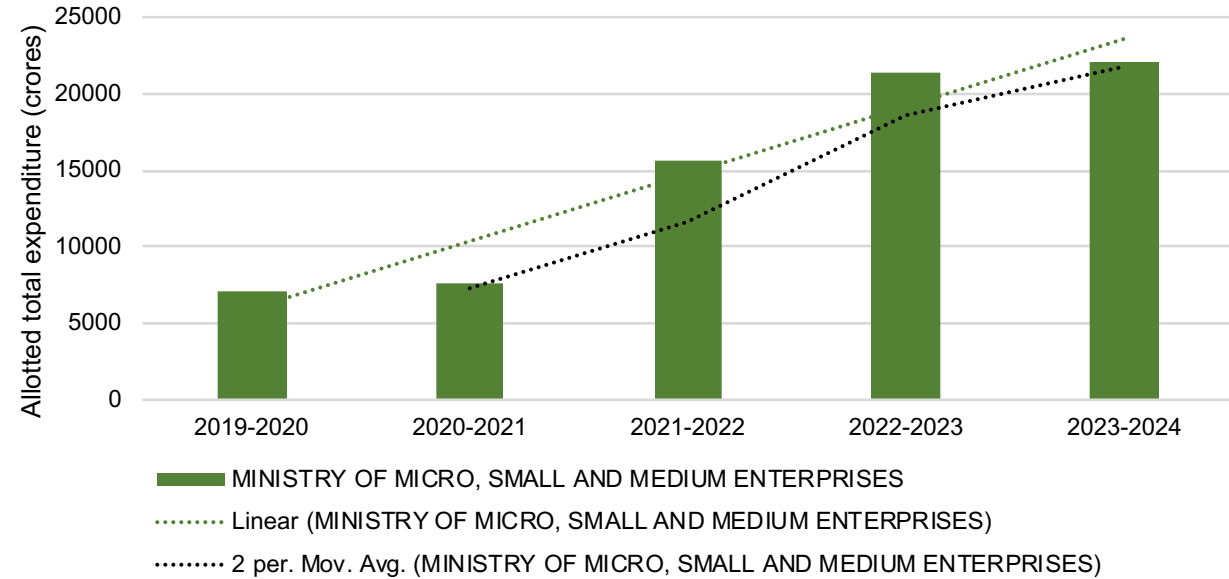
MINISTRY OF LABOUR AND EMPLOYMENT



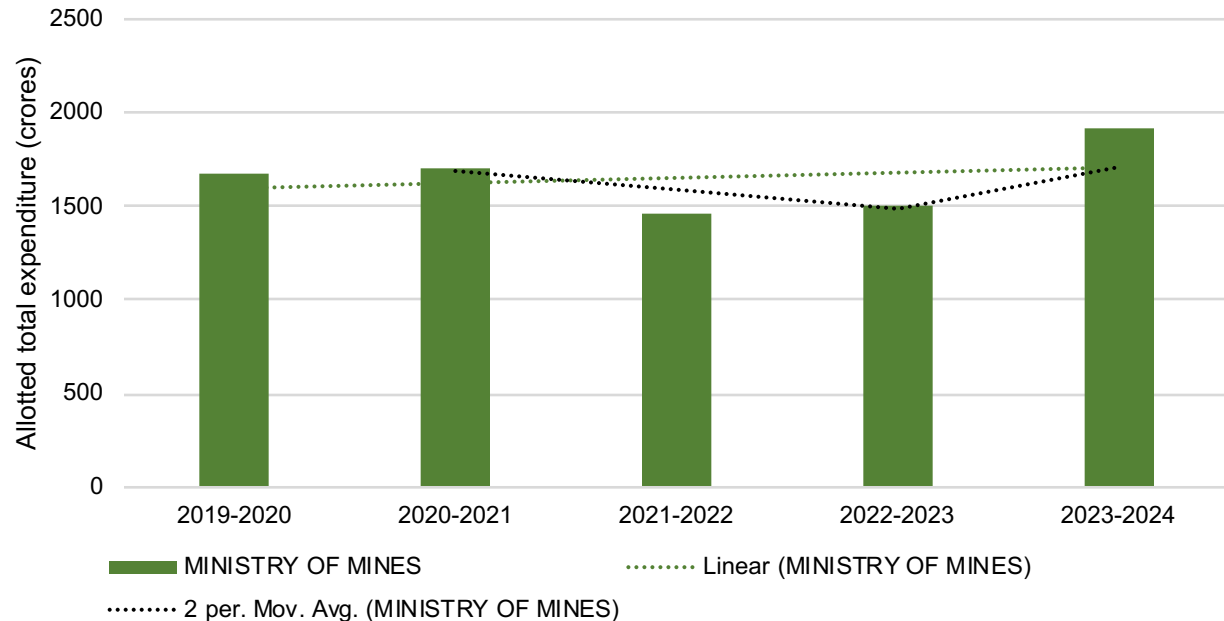
MINISTRY OF LAW AND JUSTICE



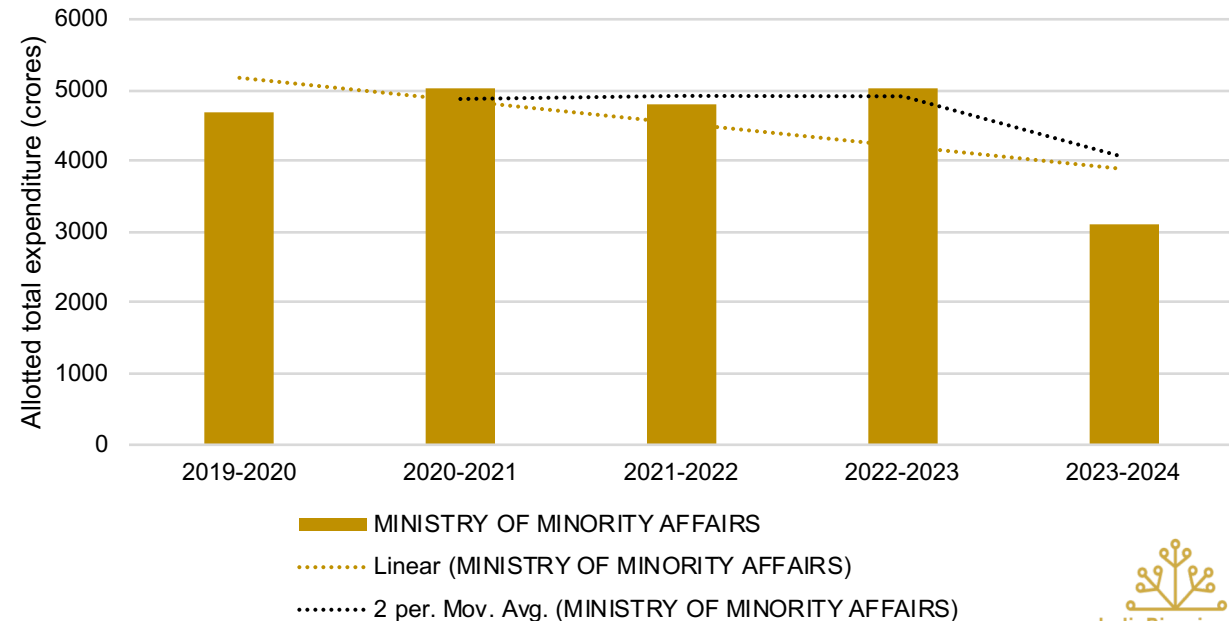
MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES



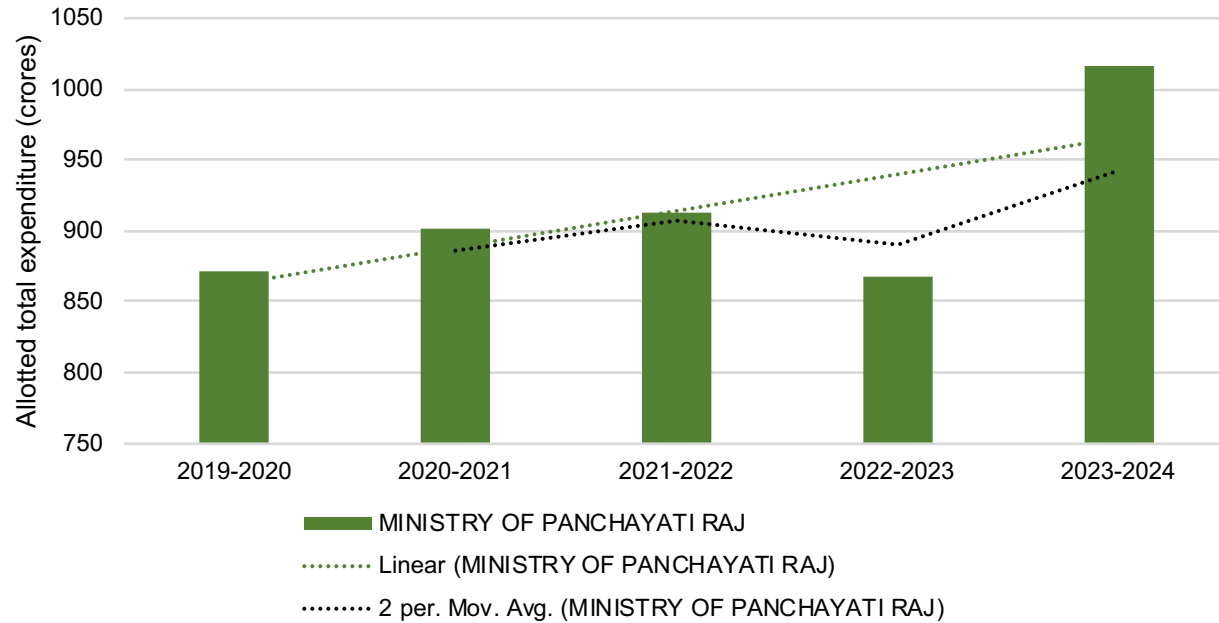
MINISTRY OF MINES



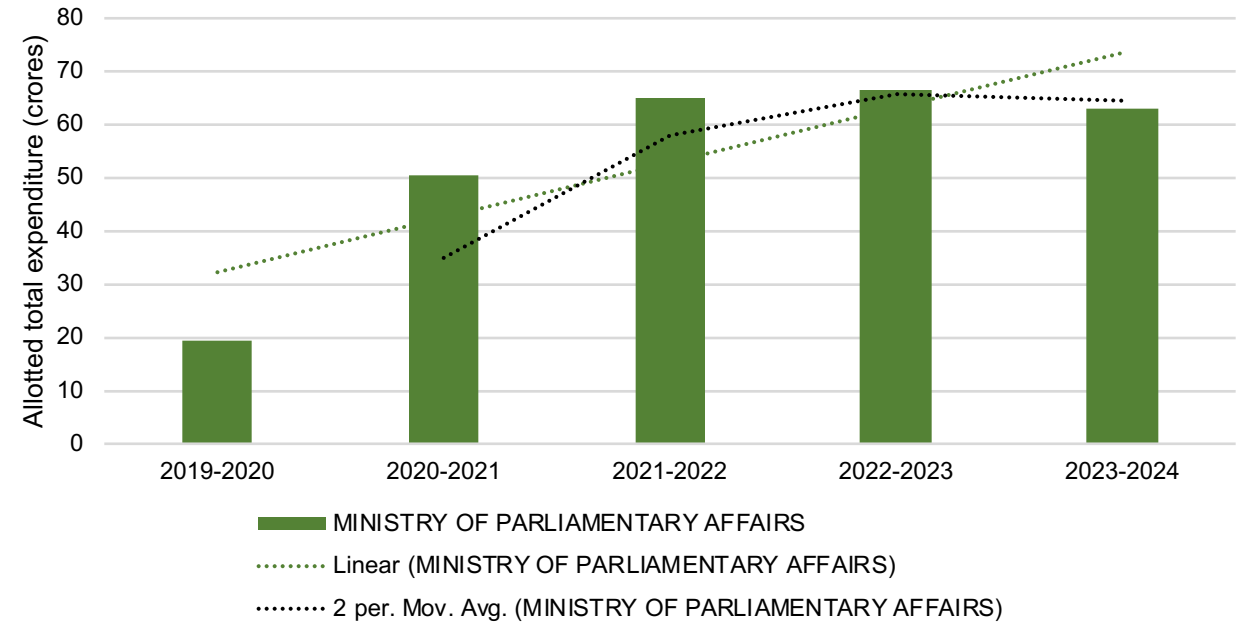
MINISTRY OF MINORITY AFFAIRS



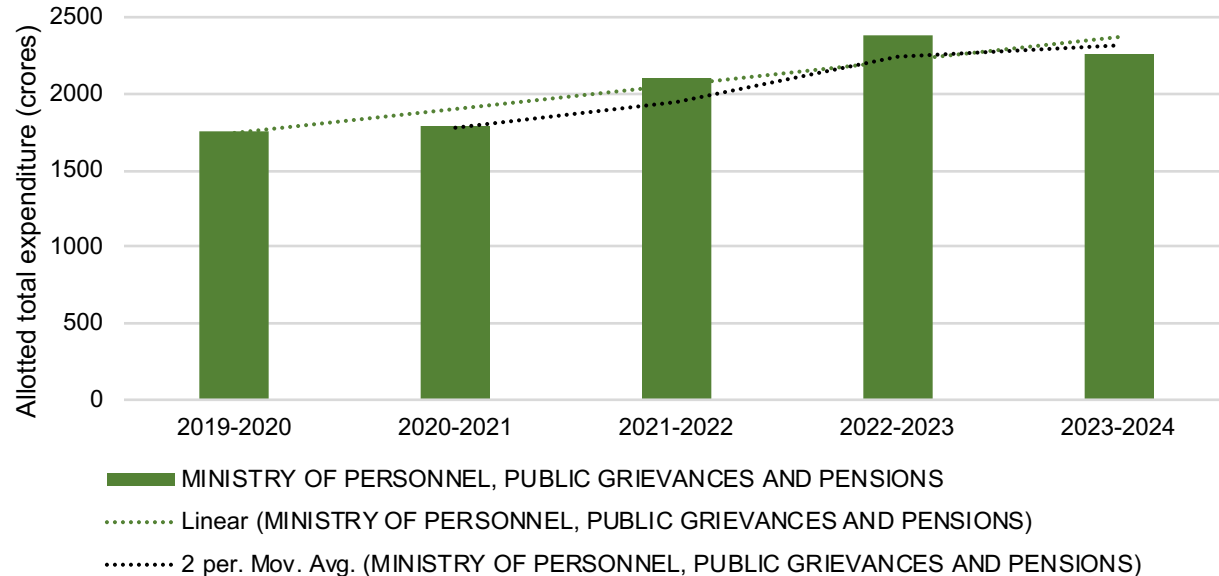
MINISTRY OF PANCHAYATI RAJ



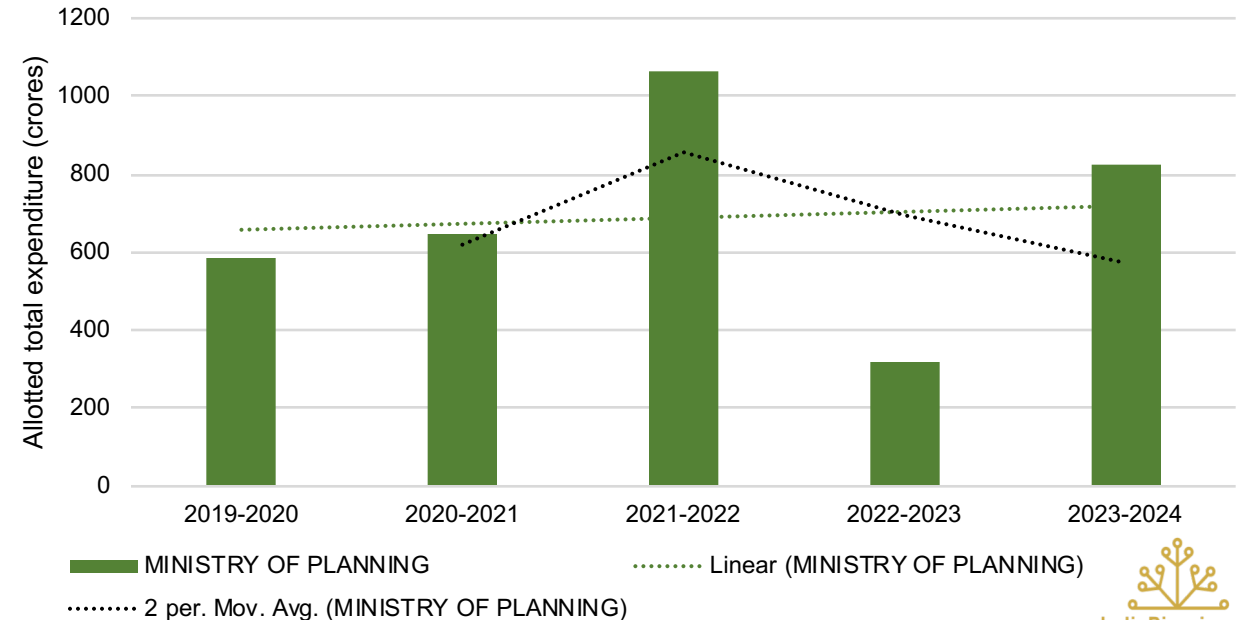
MINISTRY OF PARLIAMENTARY AFFAIRS



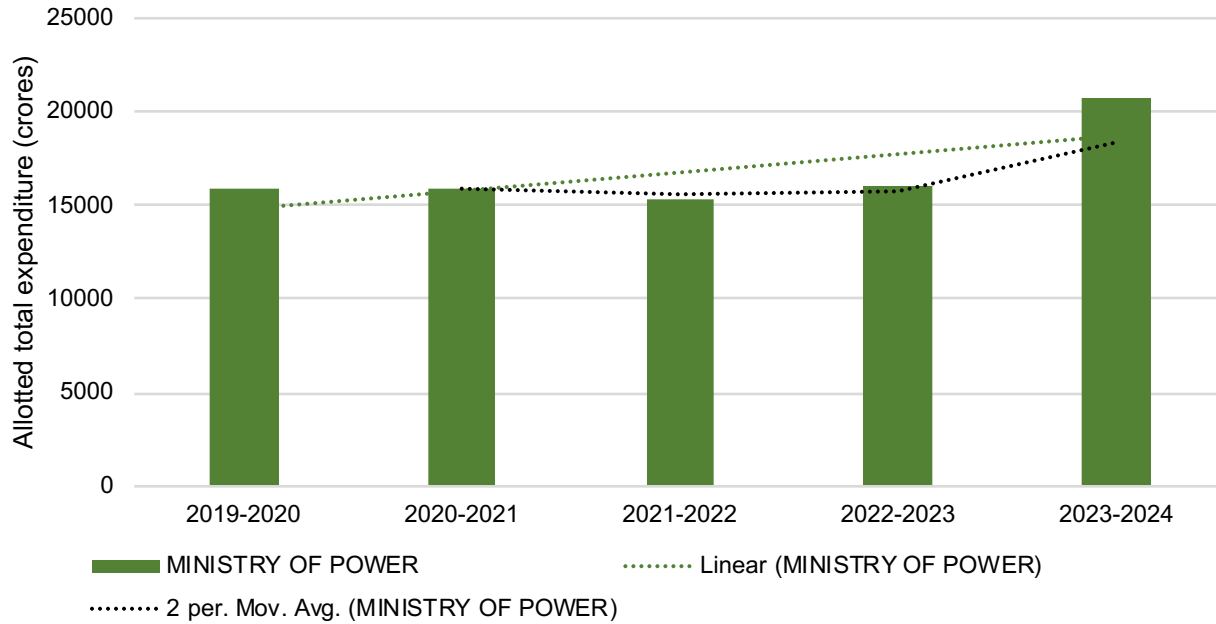
MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS



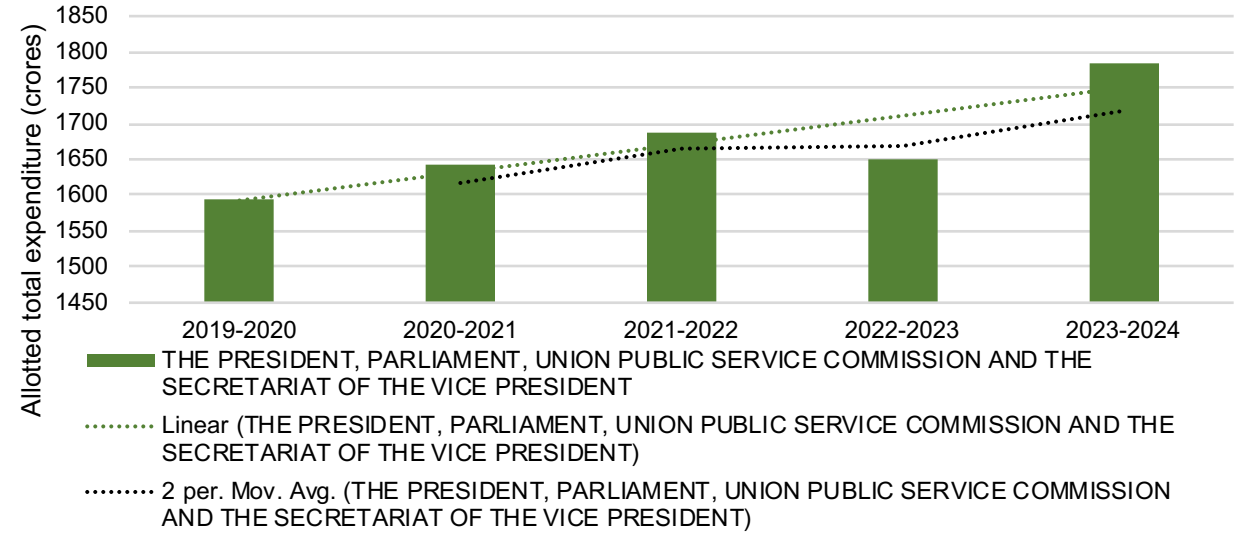
MINISTRY OF PLANNING



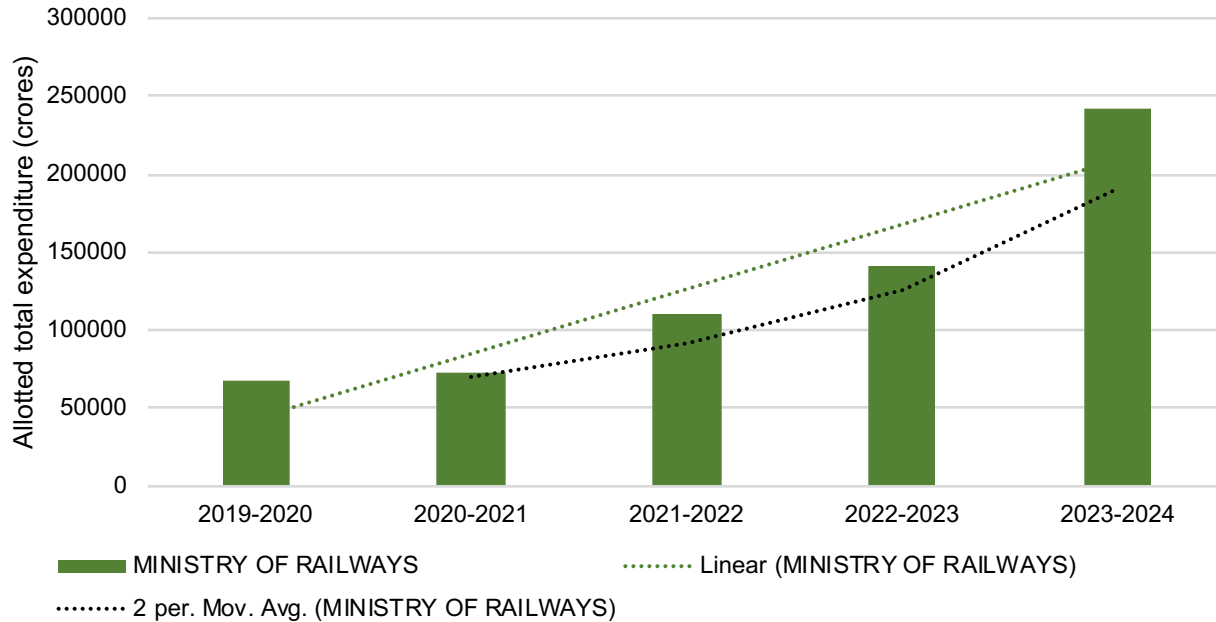
MINISTRY OF POWER



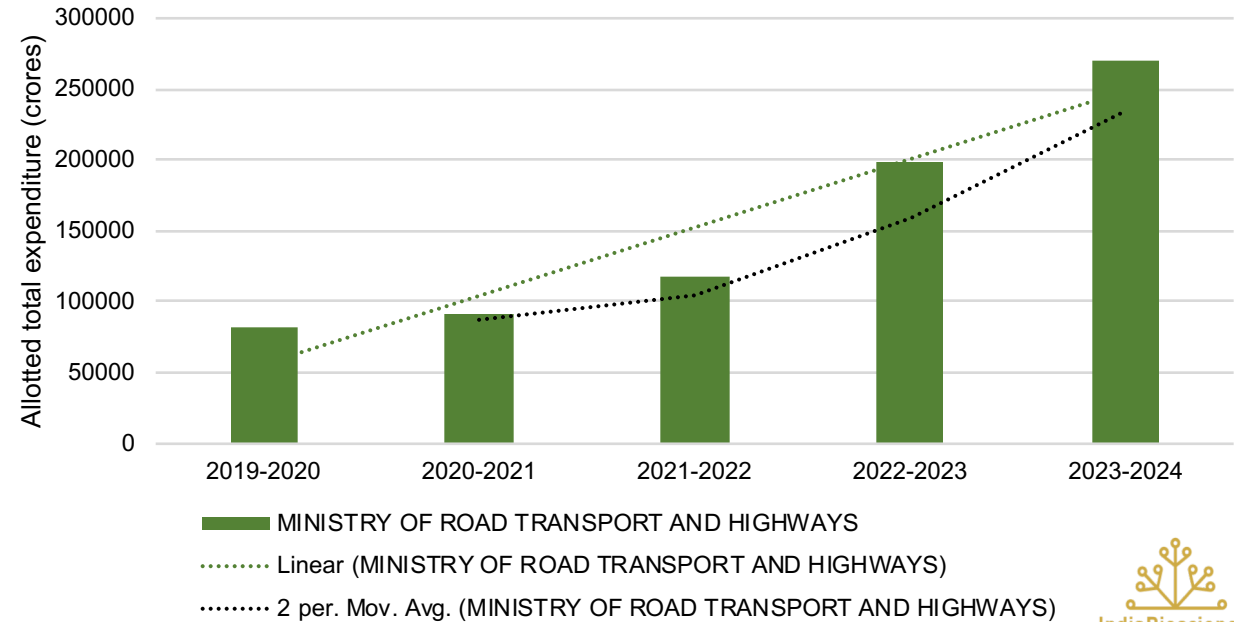
THE PRESIDENT, PARLIAMENT, UNION PUBLIC SERVICE COMMISSION AND THE SECRETARIAT OF THE VICE PRESIDENT



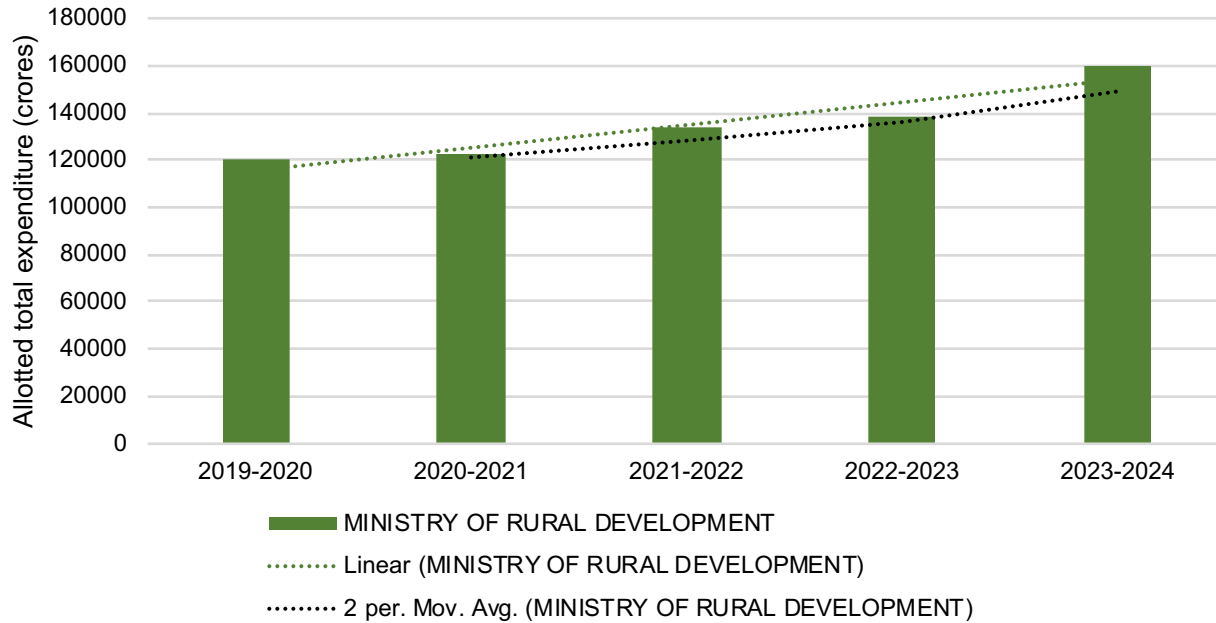
MINISTRY OF RAILWAYS



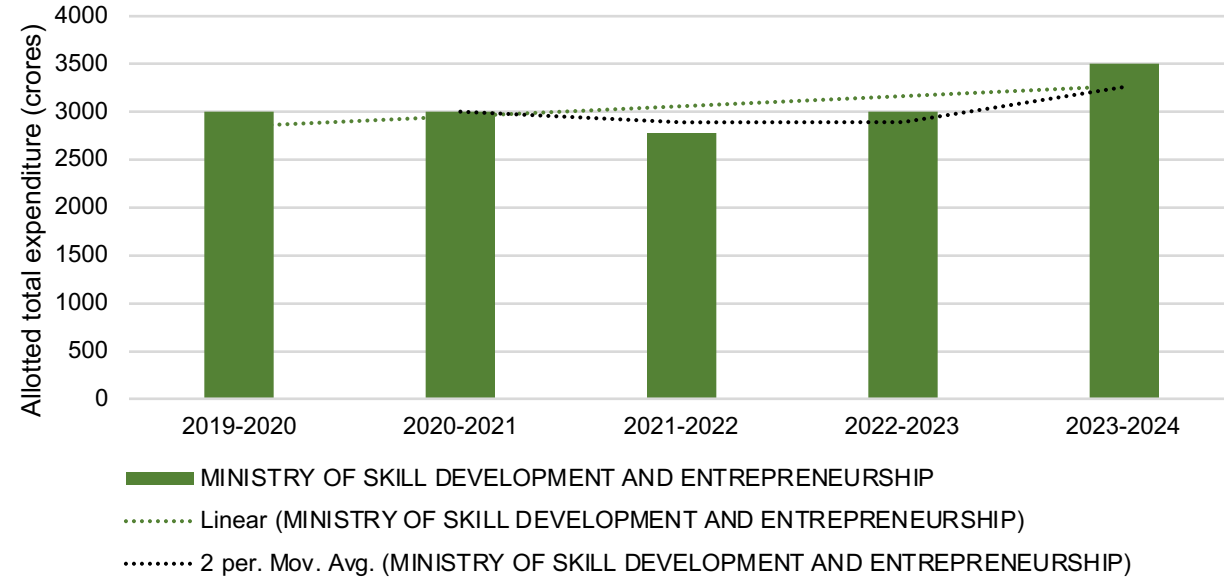
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS



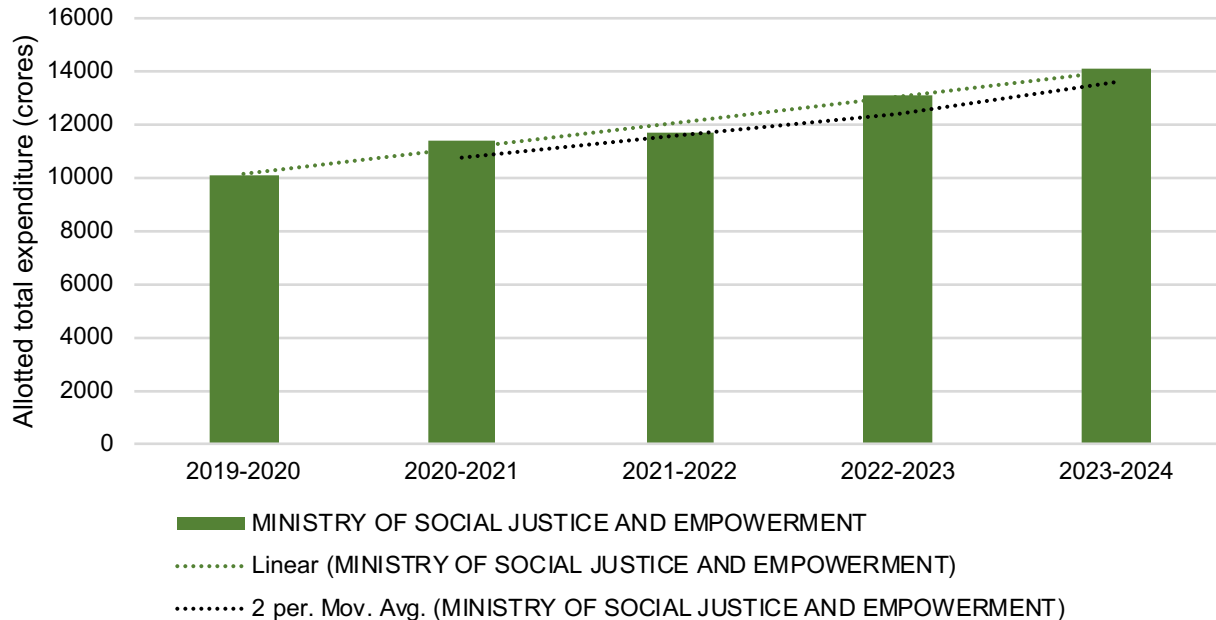
MINISTRY OF RURAL DEVELOPMENT



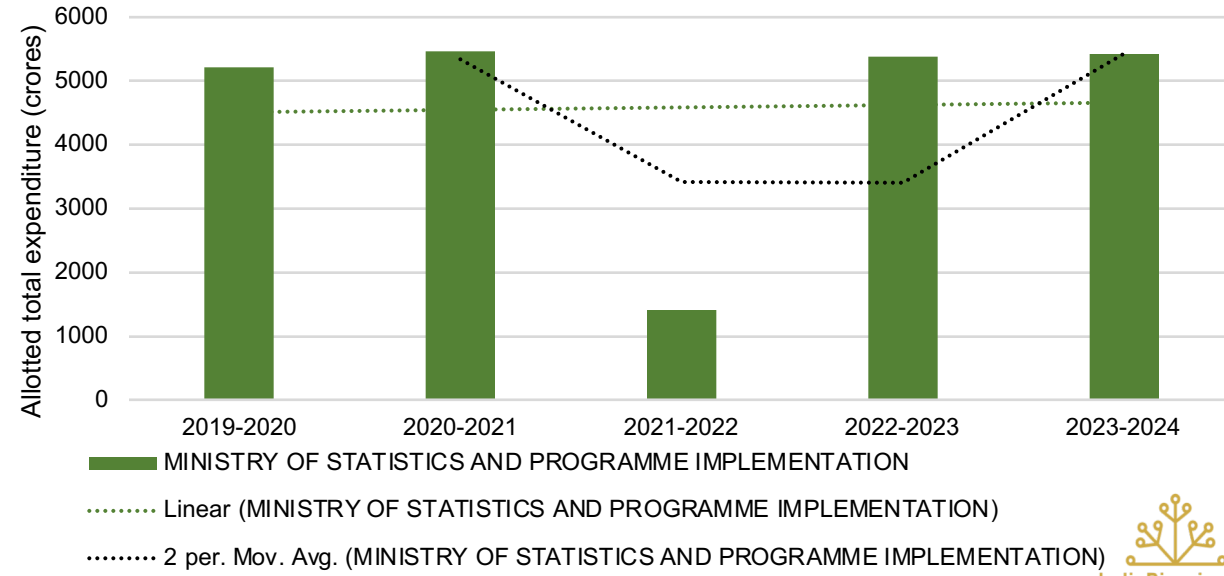
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP



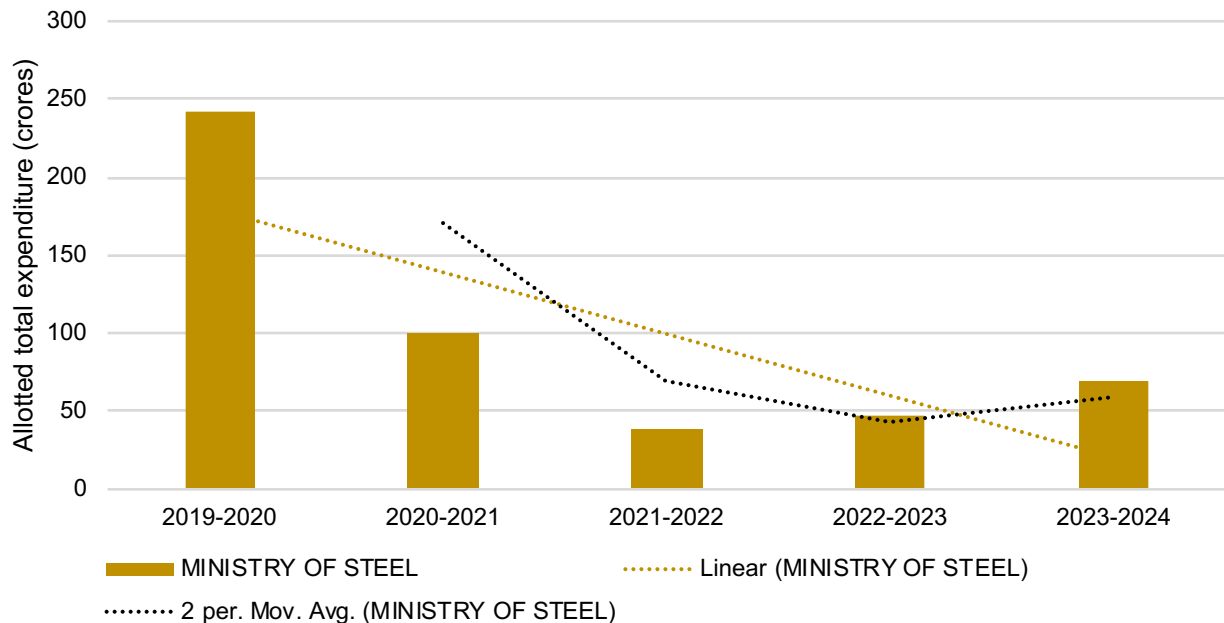
MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT



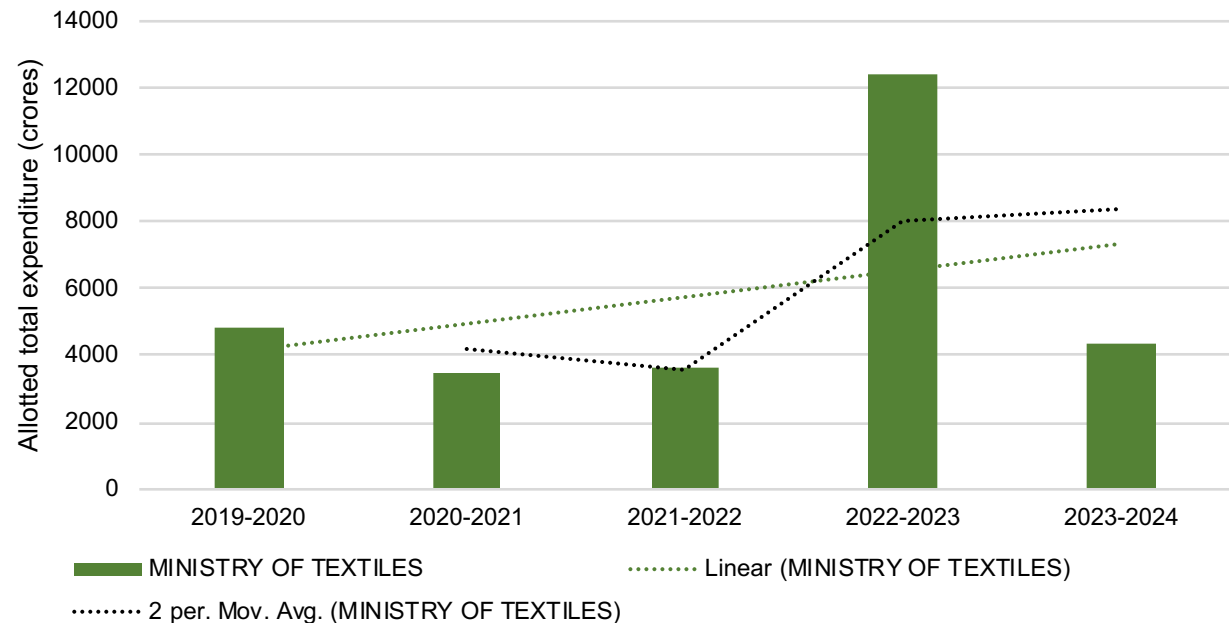
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION



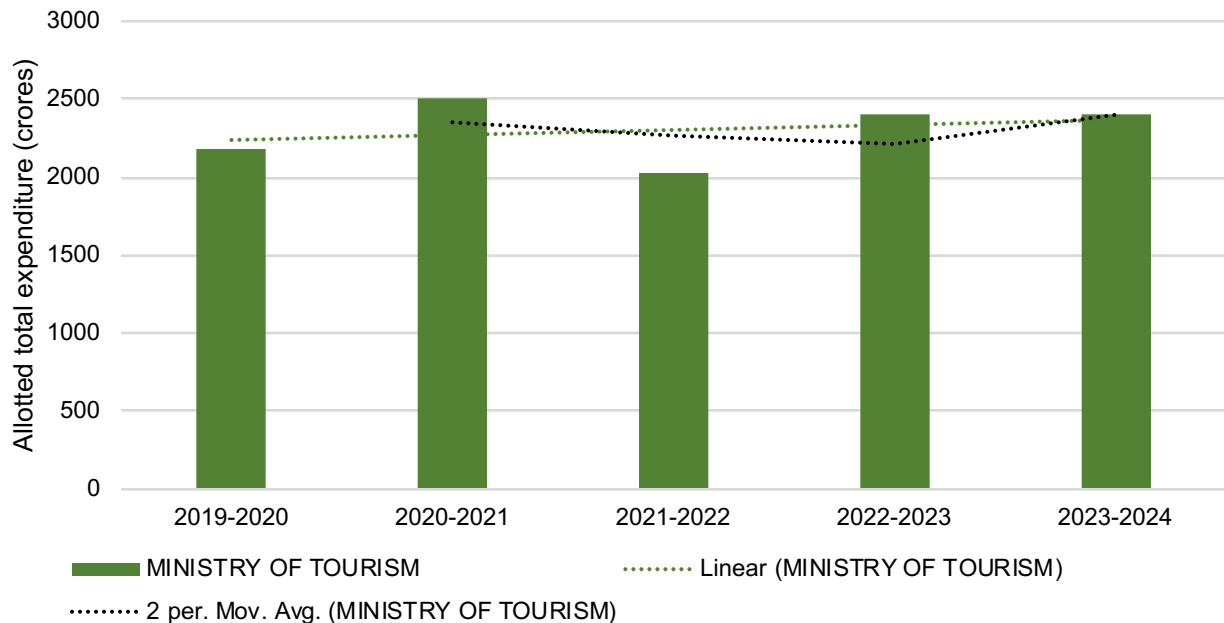
MINISTRY OF STEEL



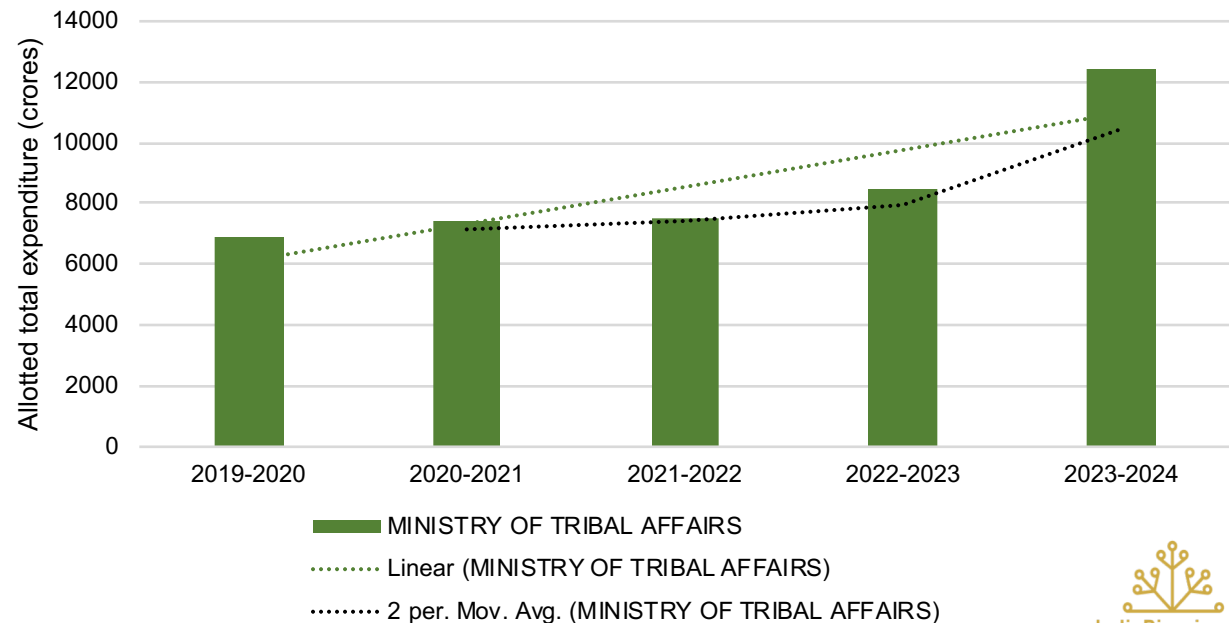
MINISTRY OF TEXTILES



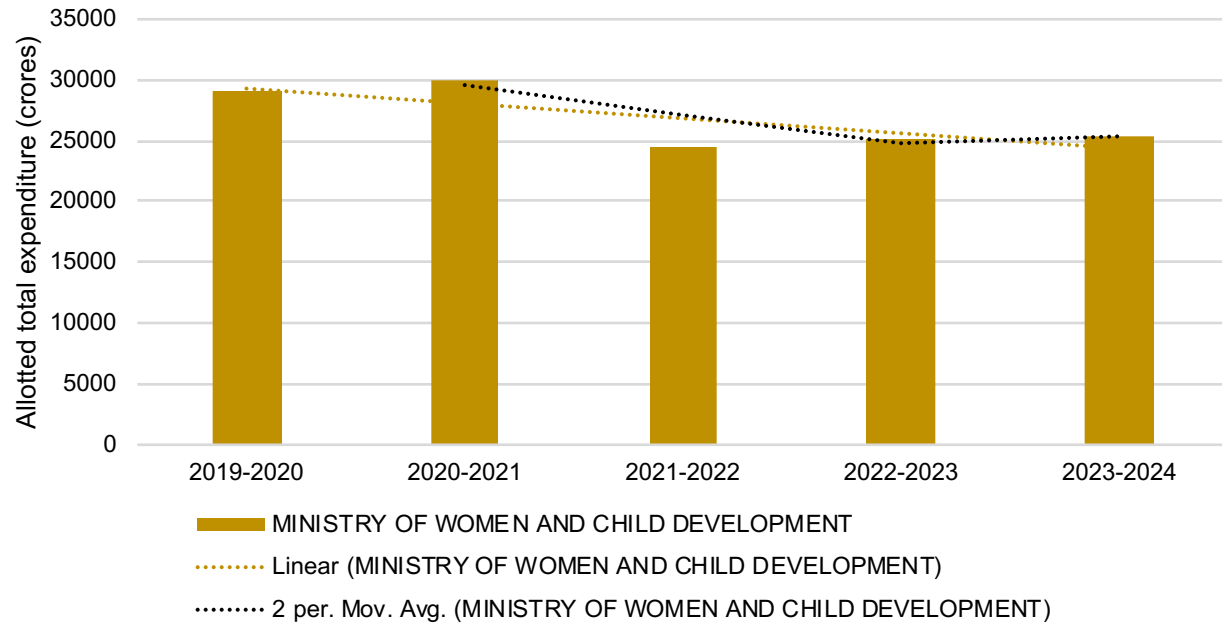
MINISTRY OF TOURISM



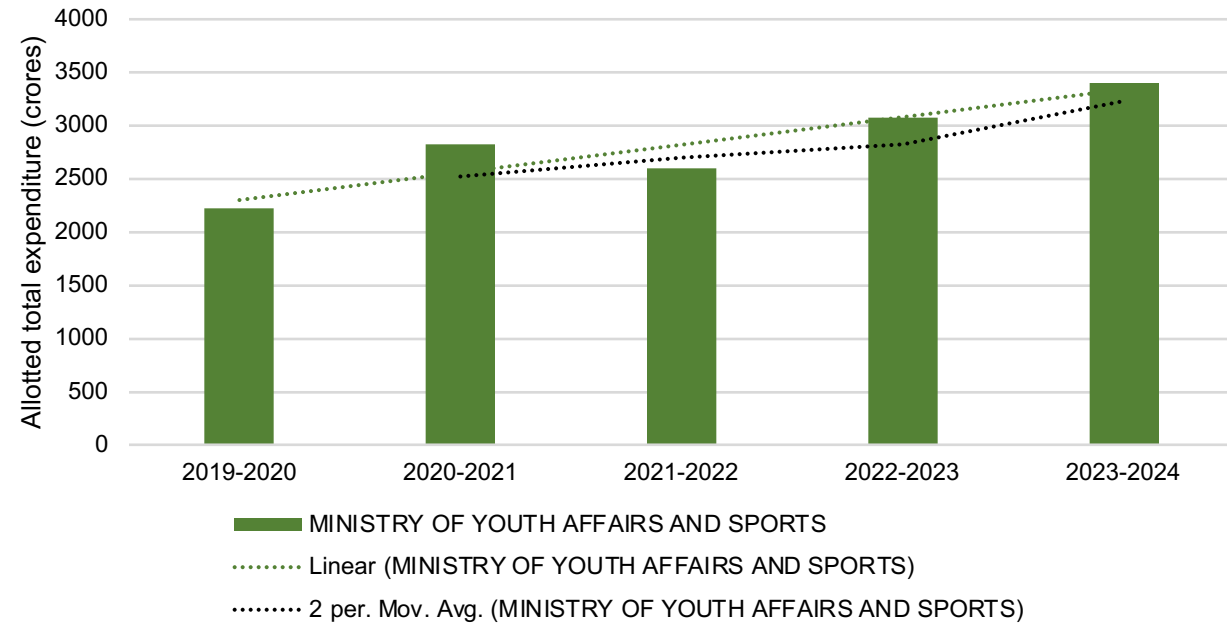
MINISTRY OF TRIBAL AFFAIRS



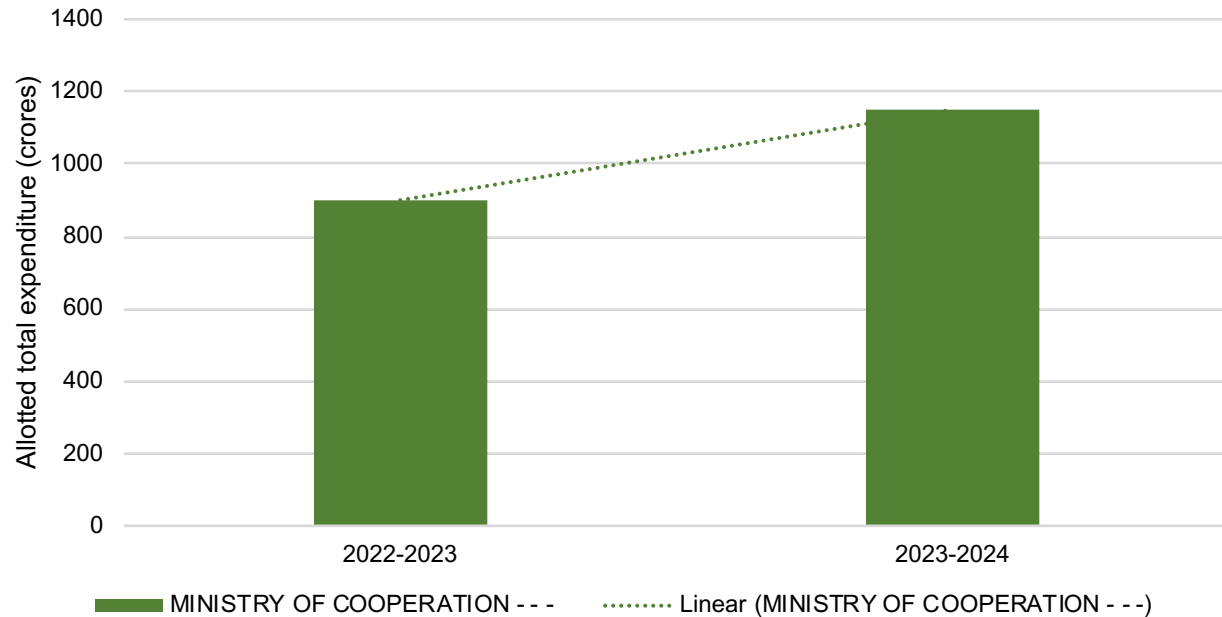
MINISTRY OF WOMEN AND CHILD DEVELOPMENT



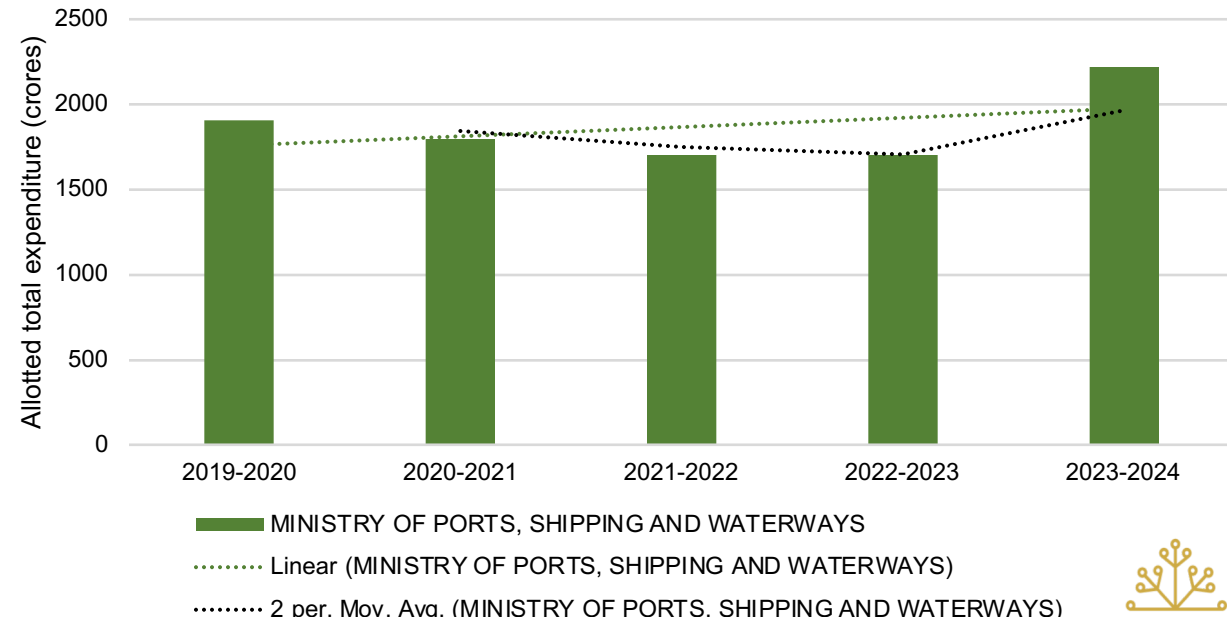
MINISTRY OF YOUTH AFFAIRS AND SPORTS



MINISTRY OF COOPERATION



MINISTRY OF PORTS, SHIPPING AND WATERWAYS



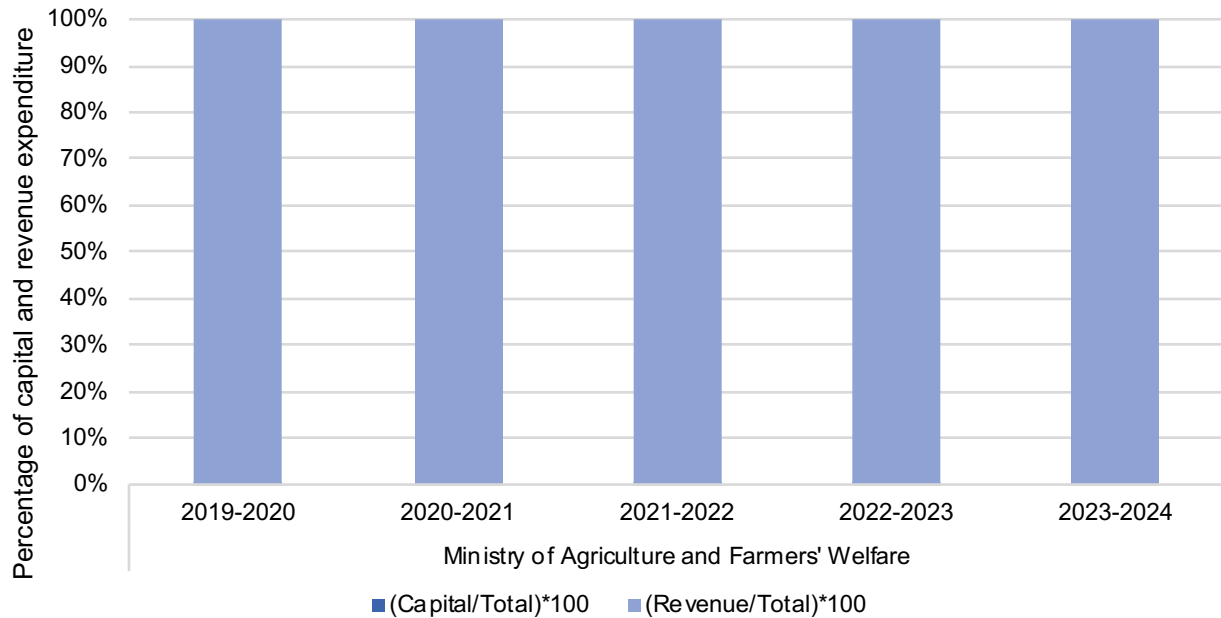
Part II

Trends of capital and revenue expenditure of different ministries across five years

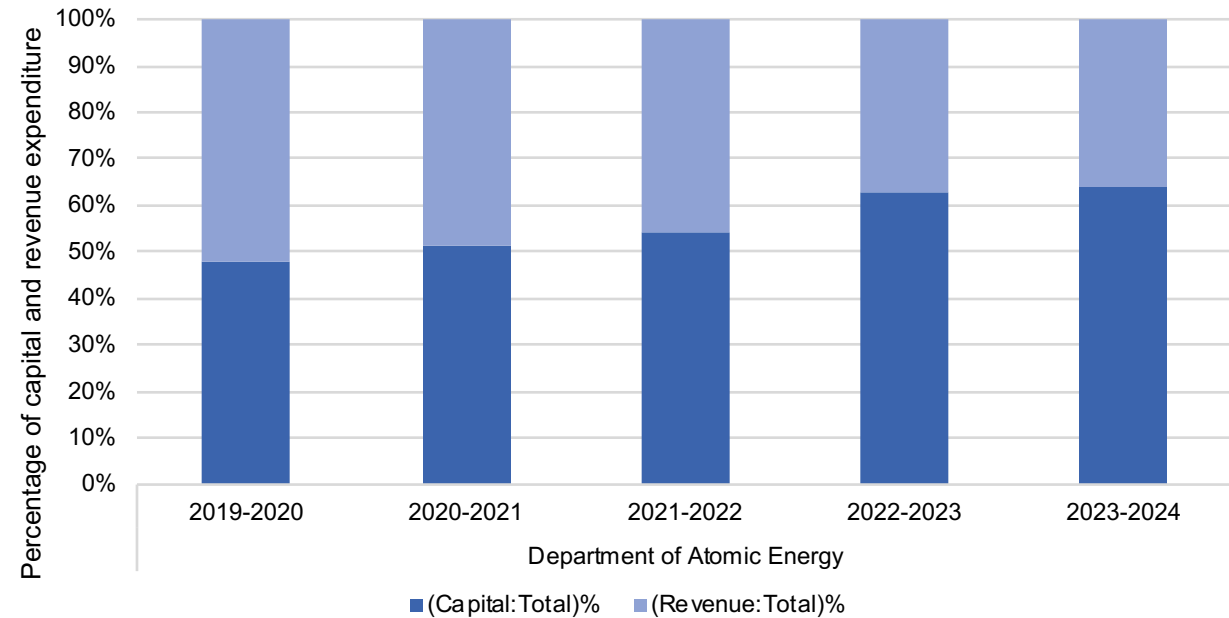


IndiaBioscience

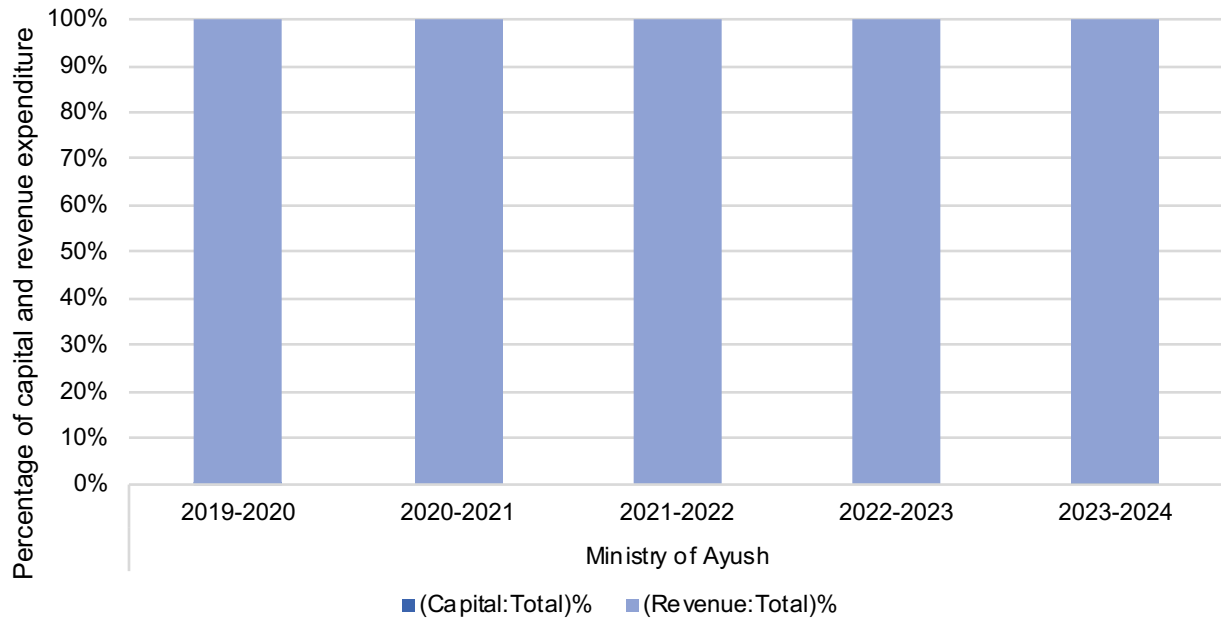
MINISTRY OF AGRICULTURE AND FARMERS' WELFARE



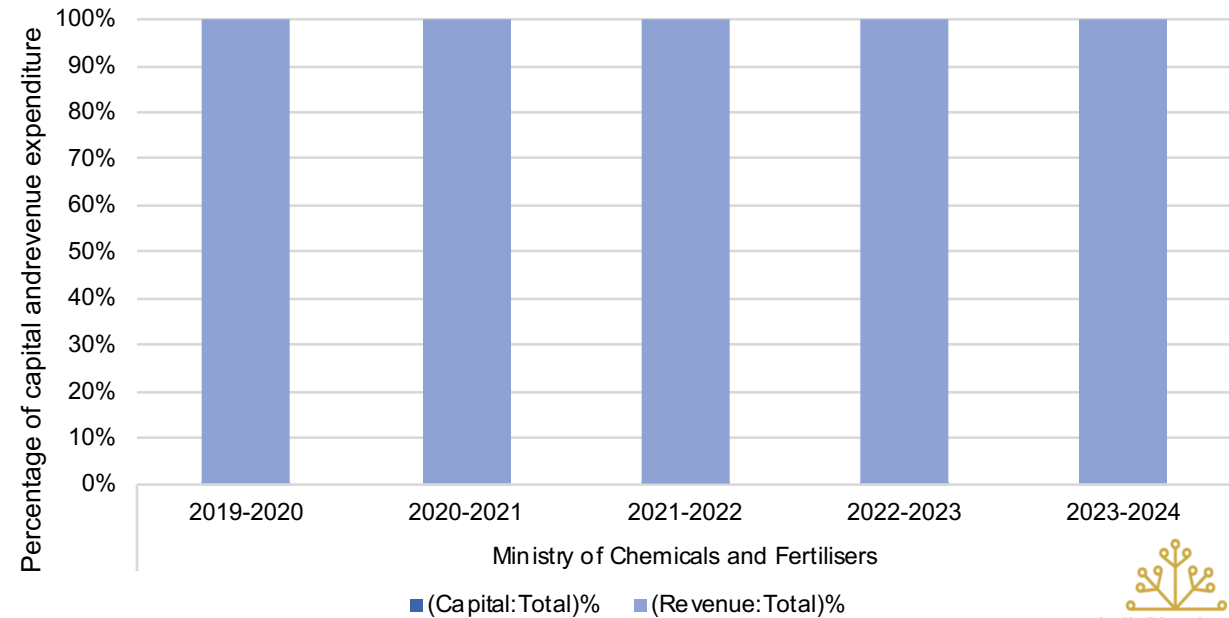
DEPARTMENT OF ATOMIC ENERGY



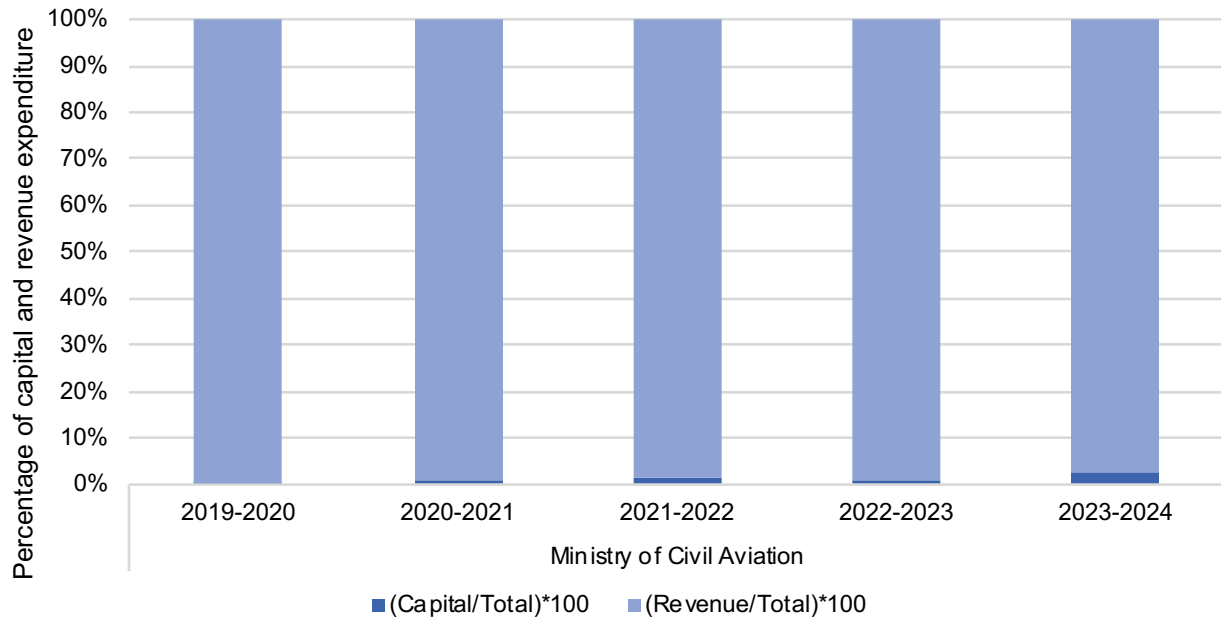
MINISTRY OF AYUSH



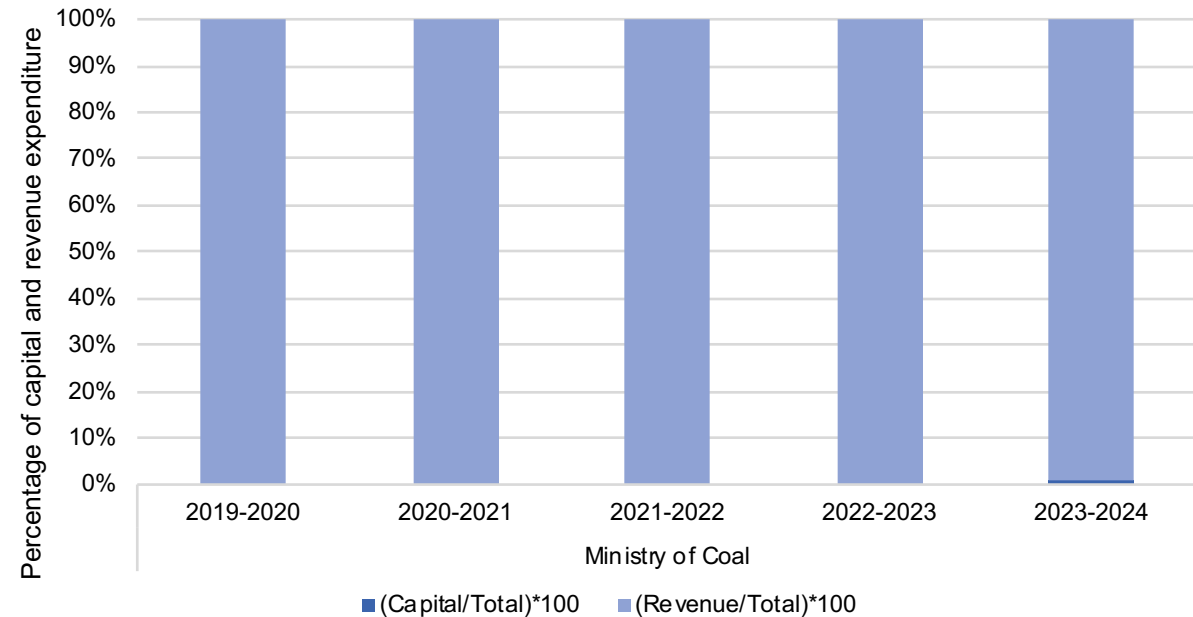
MINISTRY OF CHEMICALS AND FERTILISERS



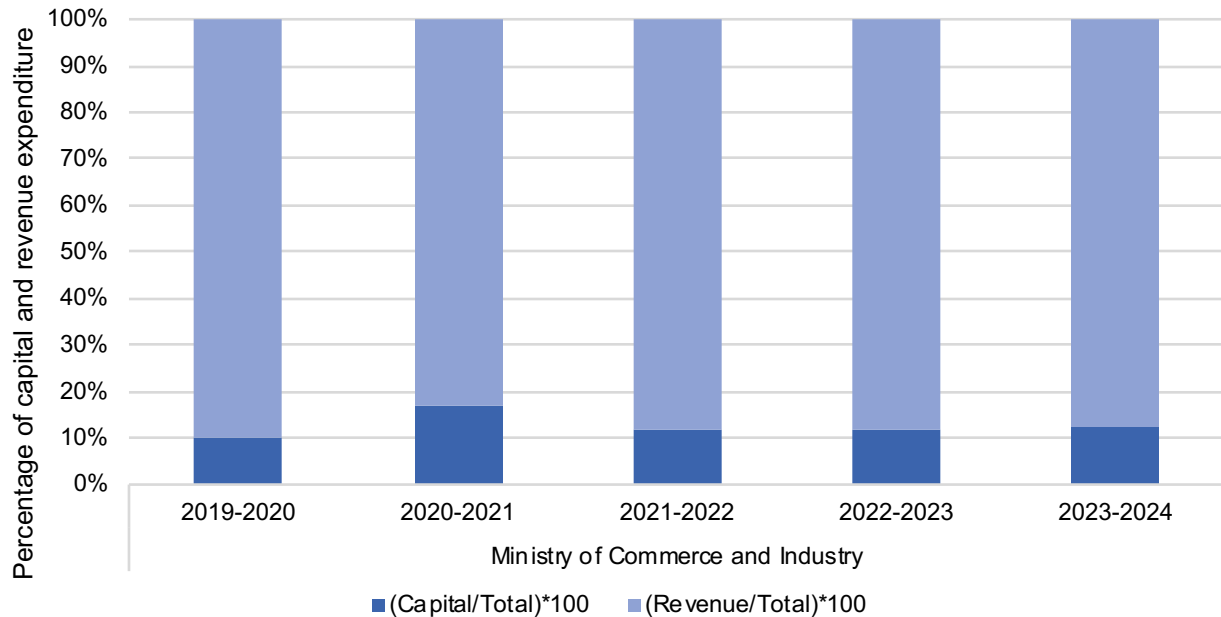
MINISTRY OF CIVIL AVIATION



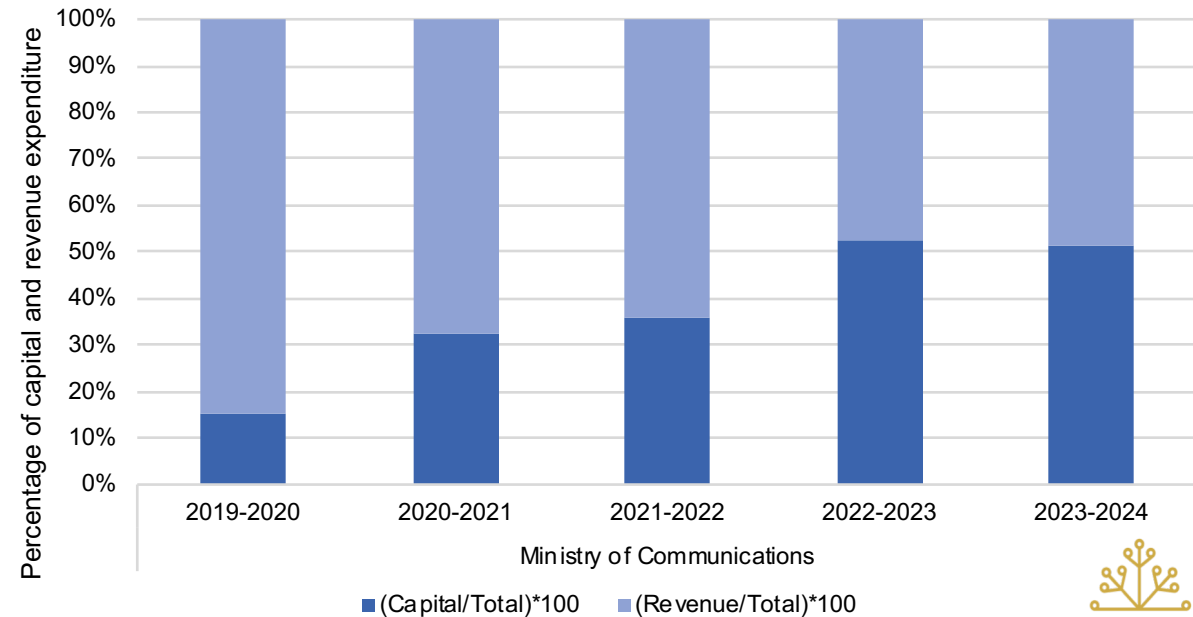
MINISTRY OF COAL



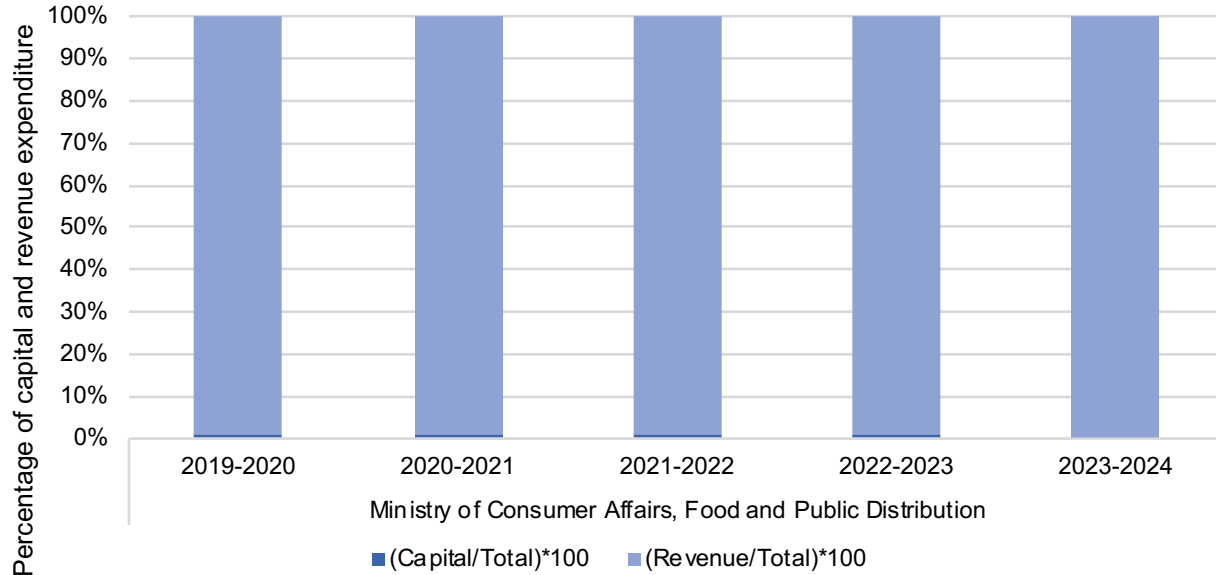
MINISTRY OF COMMERCE AND INDUSTRY



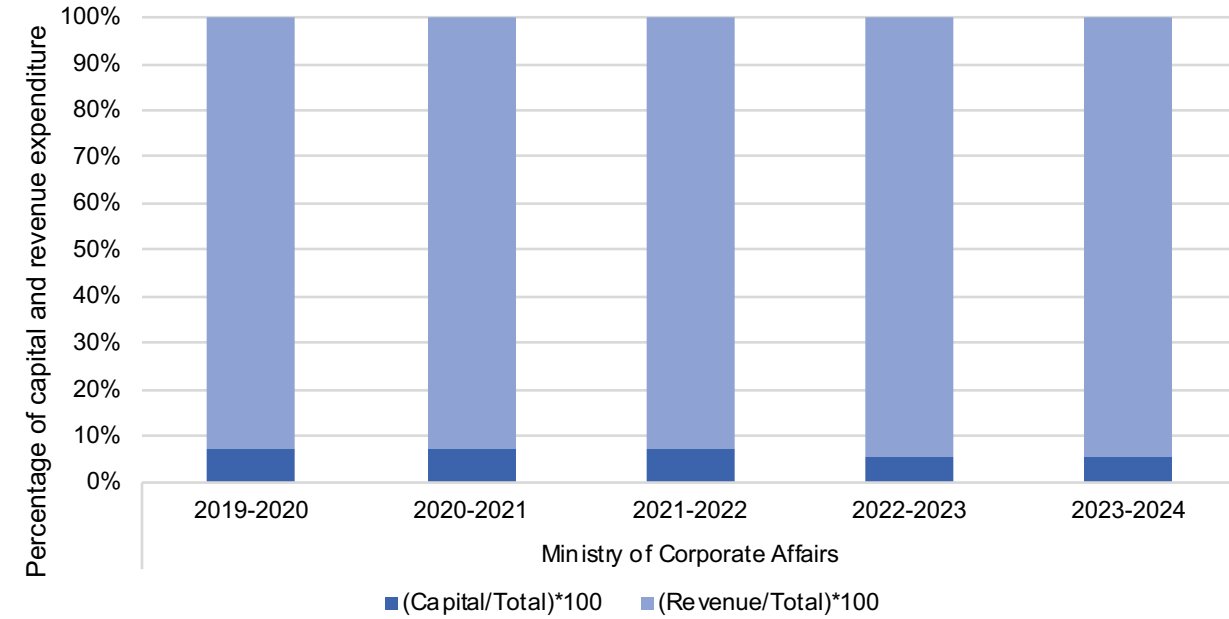
MINISTRY OF COMMUNICATIONS



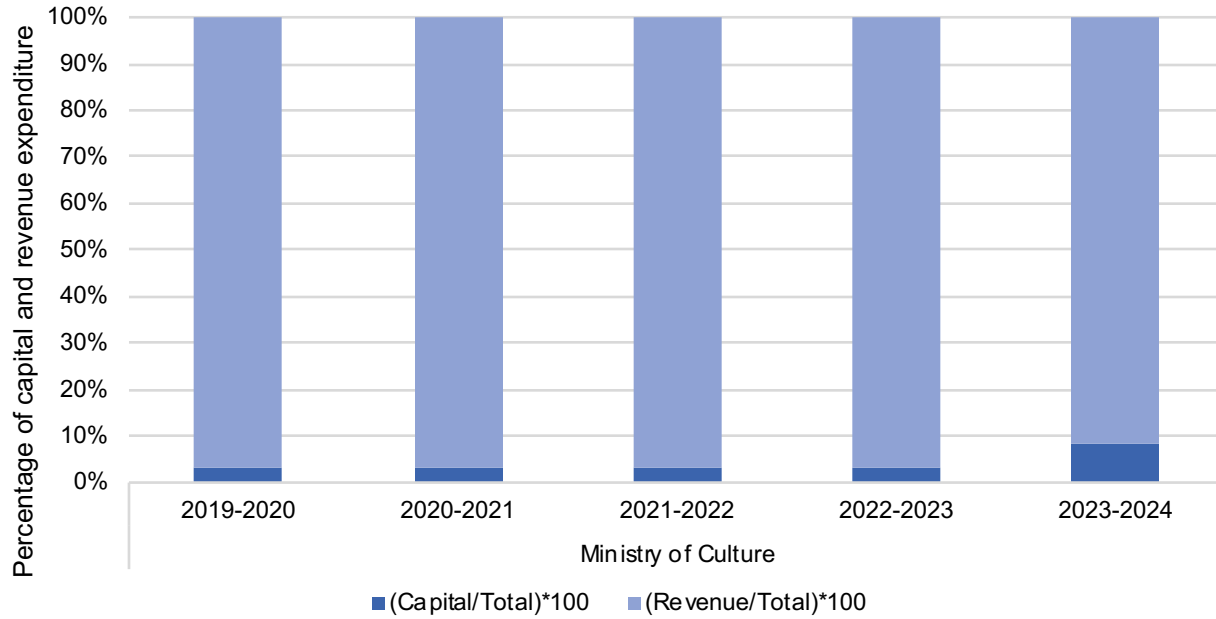
MINISTRY OF CONSUMER AFFAIRS, FOOD AND PUBLIC DISTRIBUTION



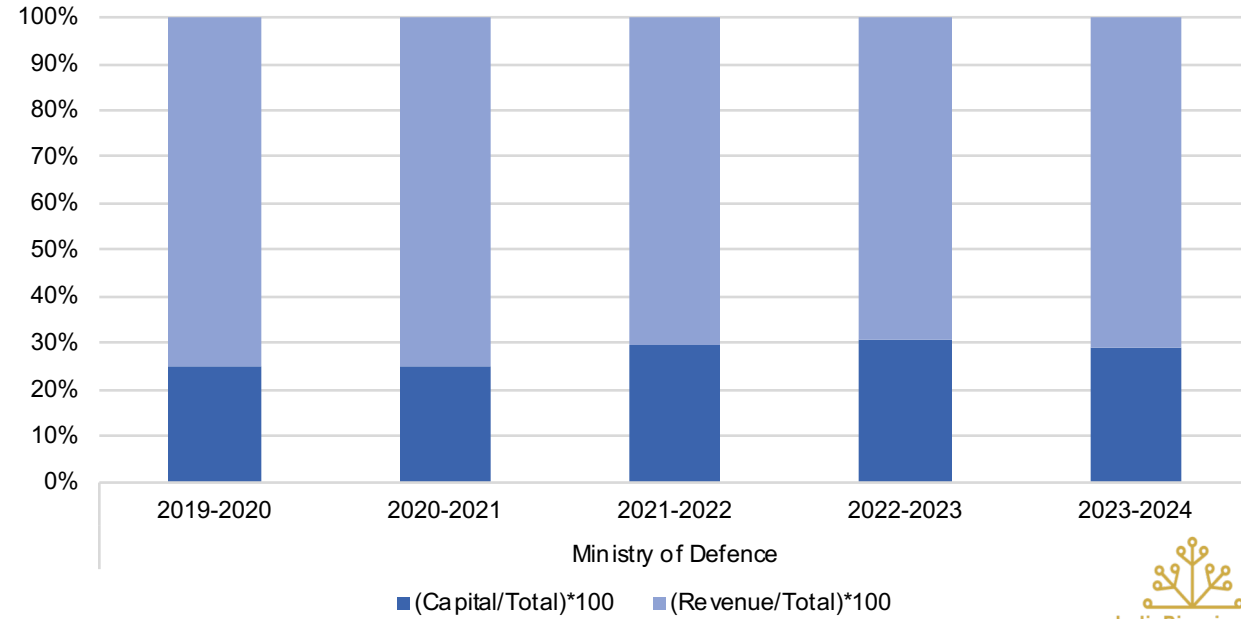
MINISTRY OF CORPORATE AFFAIRS



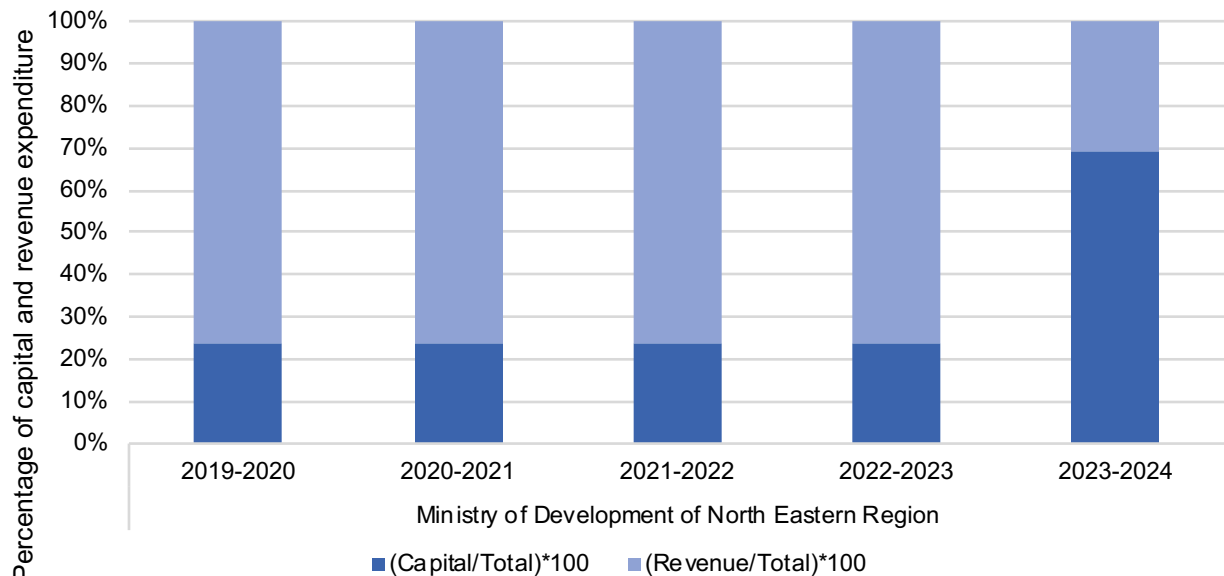
MINISTRY OF CULTURE



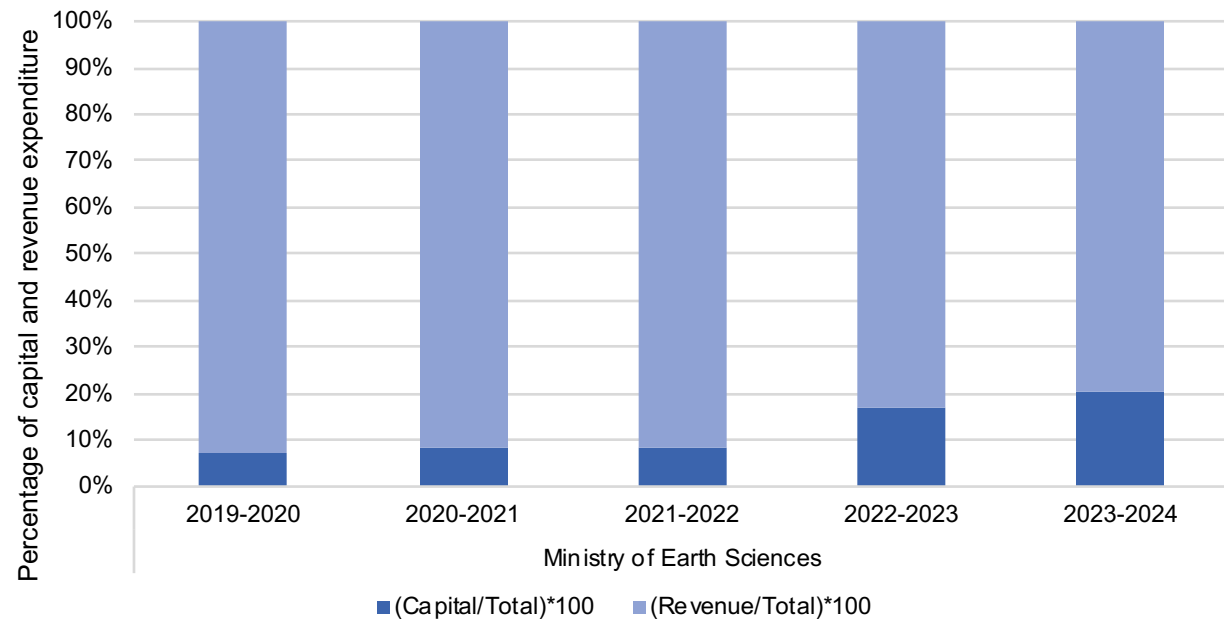
MINISTRY OF DEFENCE



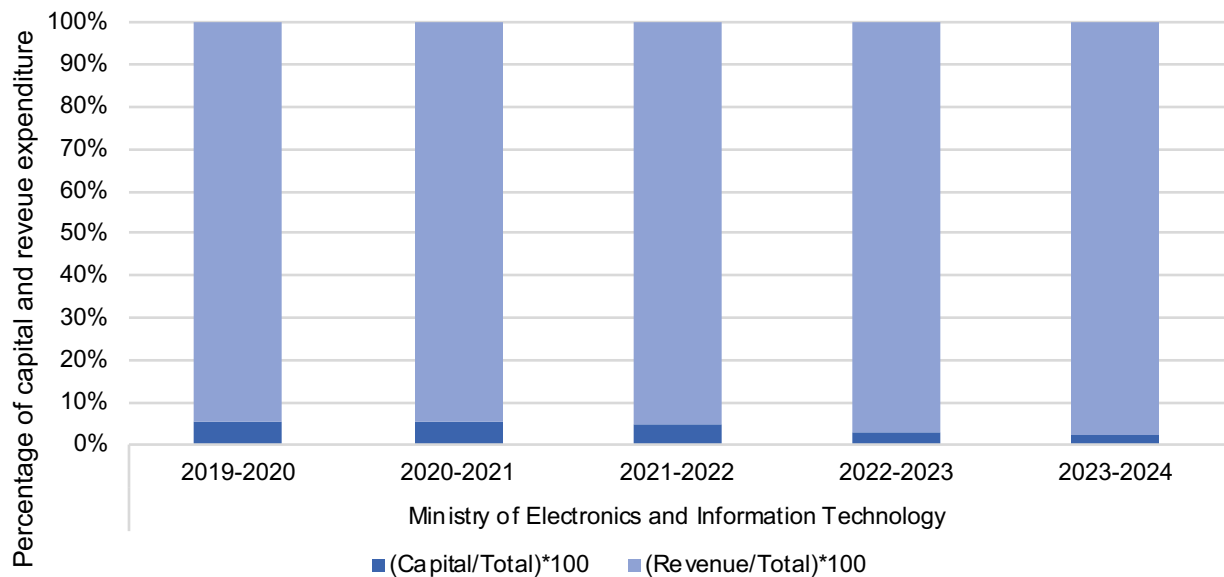
MINISTRY OF DEVELOPMENT OF NORTH EASTERN REGION



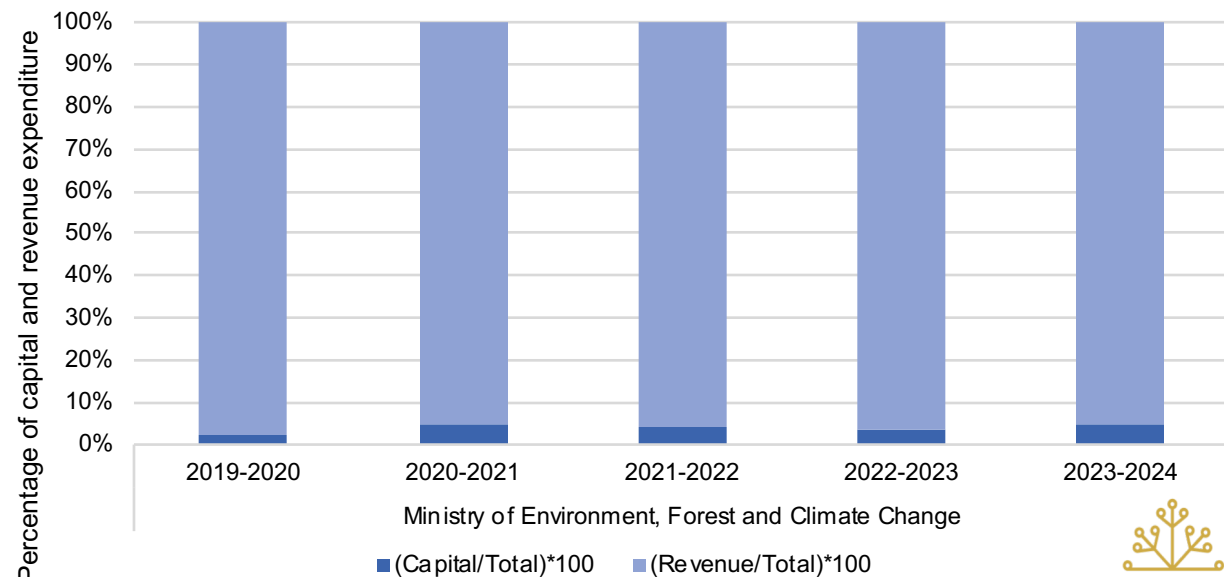
MINISTRY OF EARTH SCIENCES



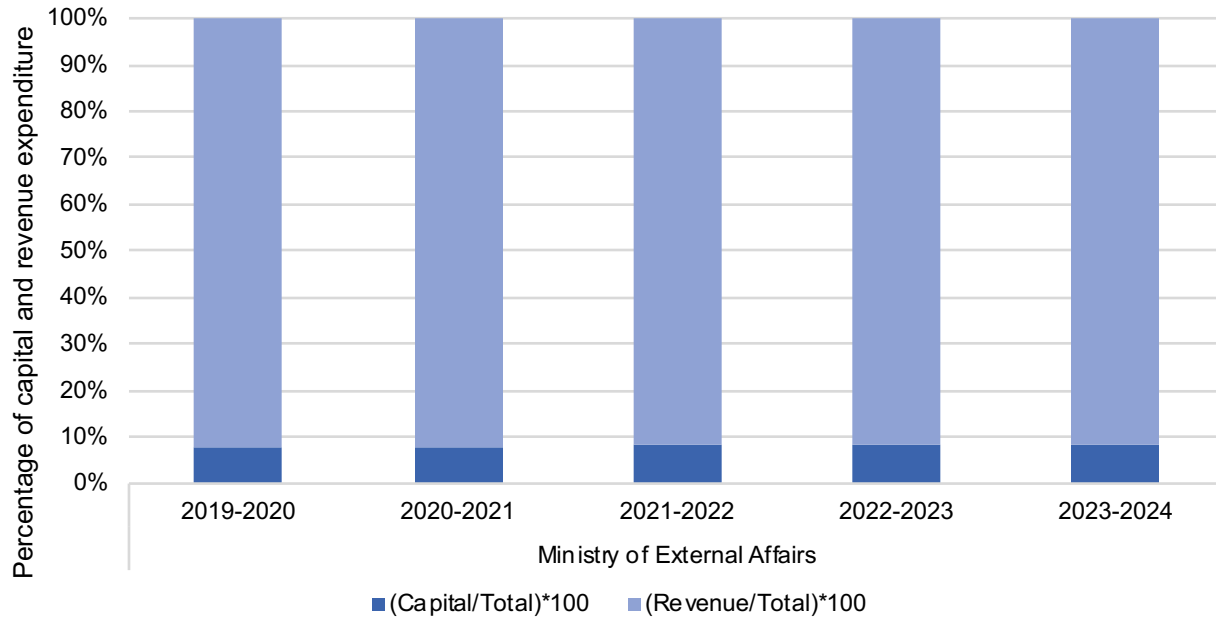
MINISTRY OF ELECTRONICS AND INFORMATION TECHNOLOGY



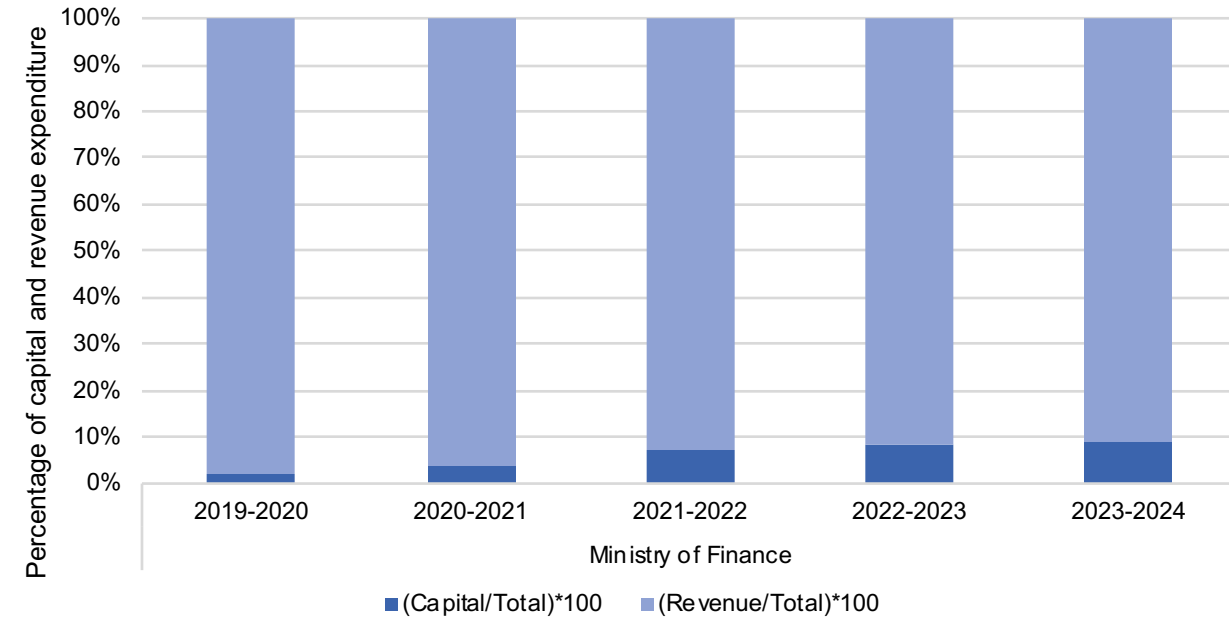
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE



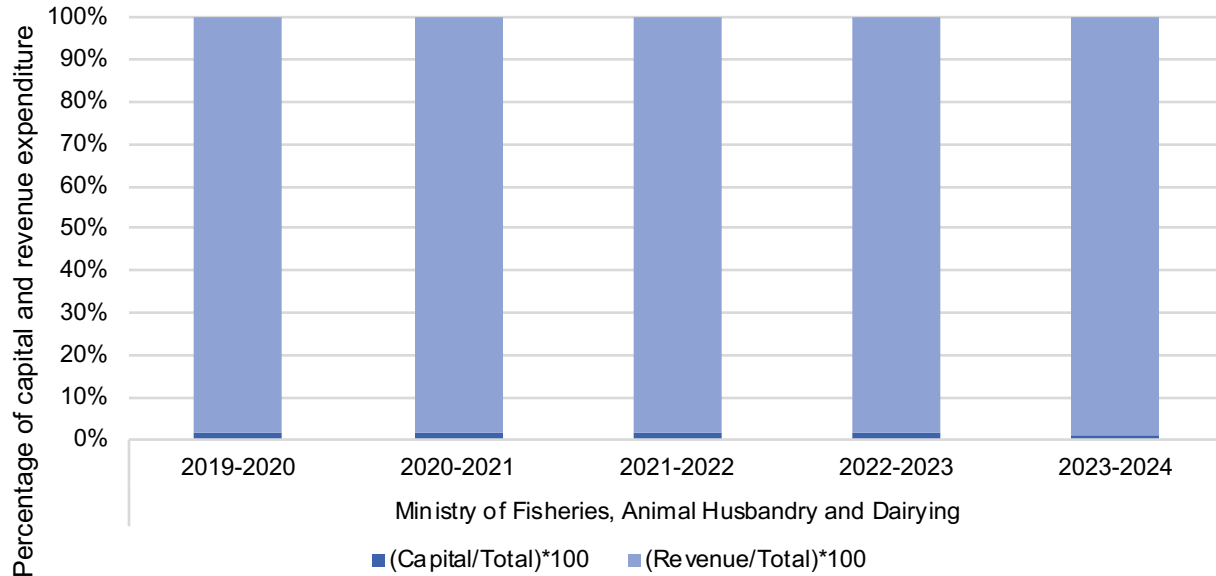
MINISTRY OF EXTERNAL AFFAIRS



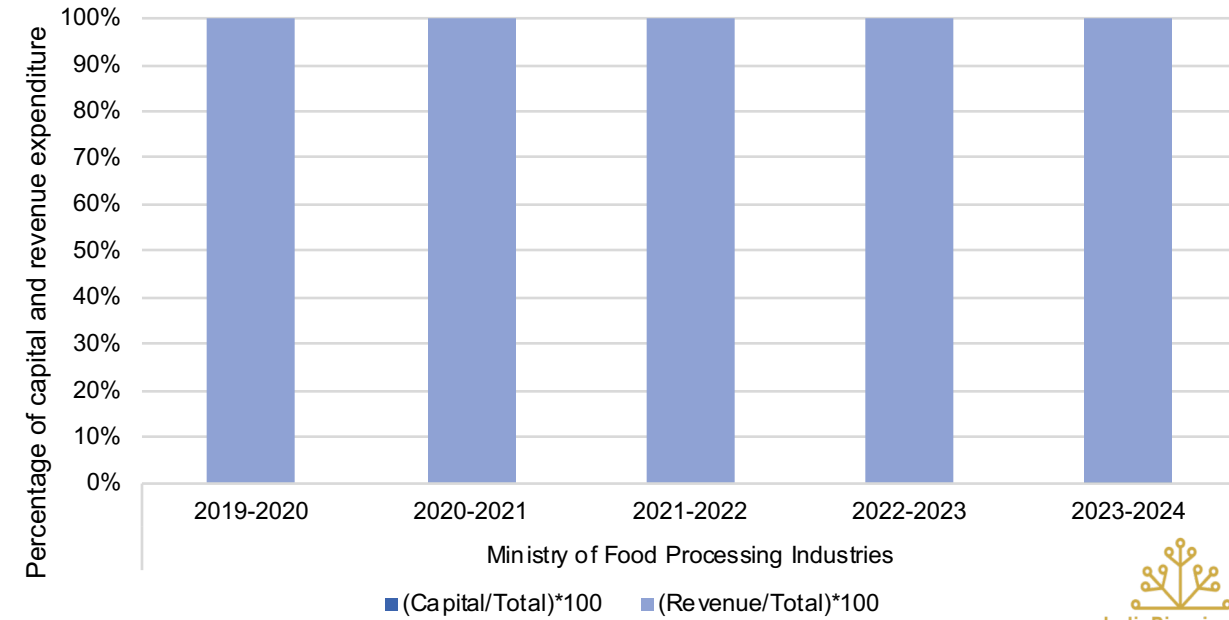
MINISTRY OF FINANCE



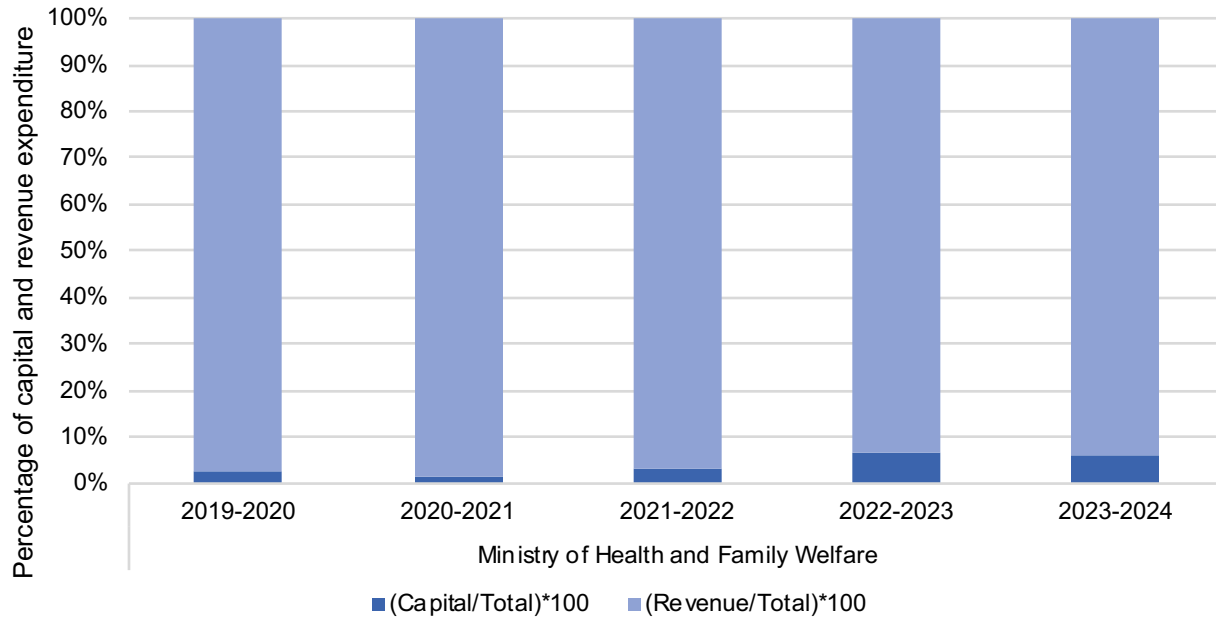
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING



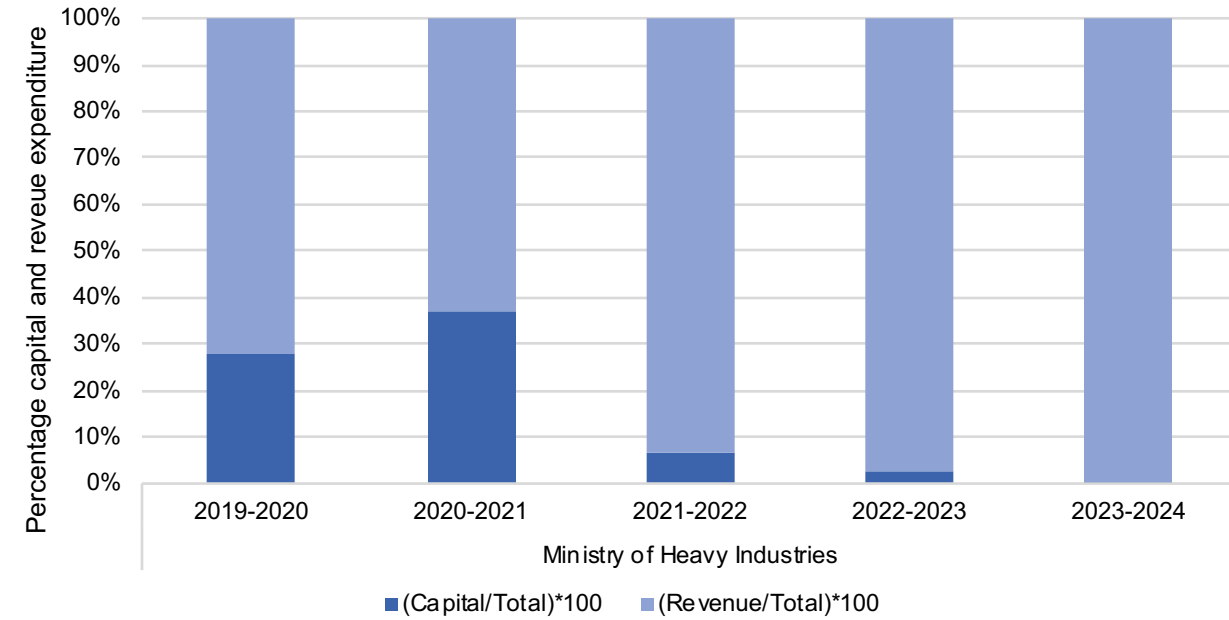
MINISTRY OF FOOD PROCESSING INDUSTRIES



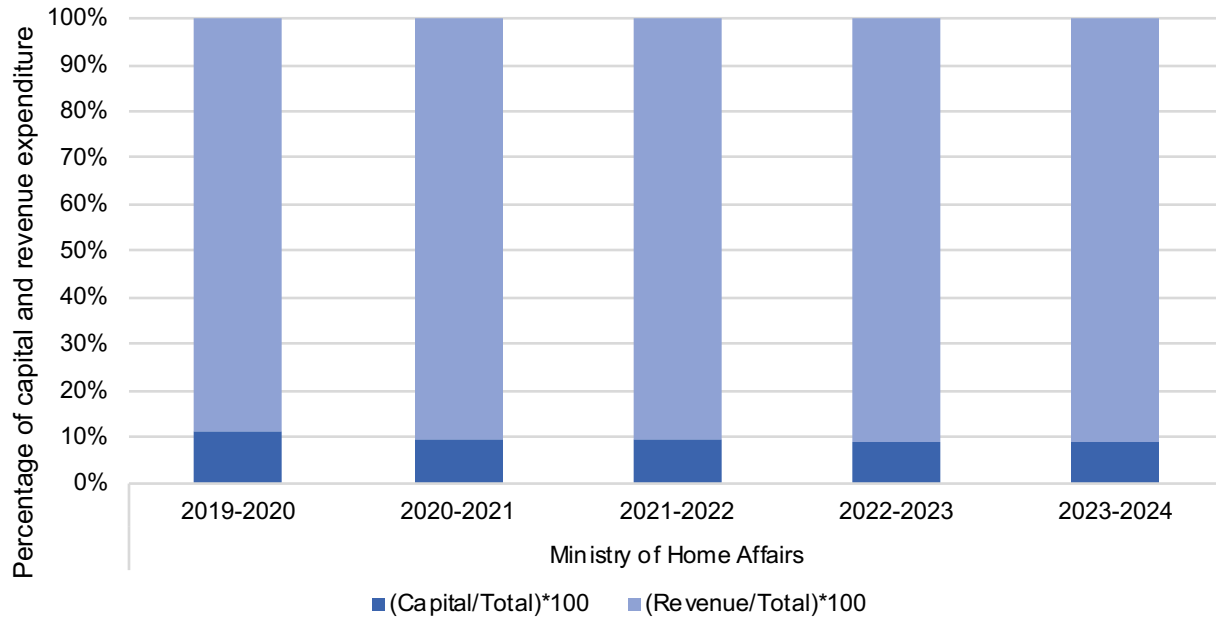
MINISTRY OF HEALTH AND FAMILY WELFARE



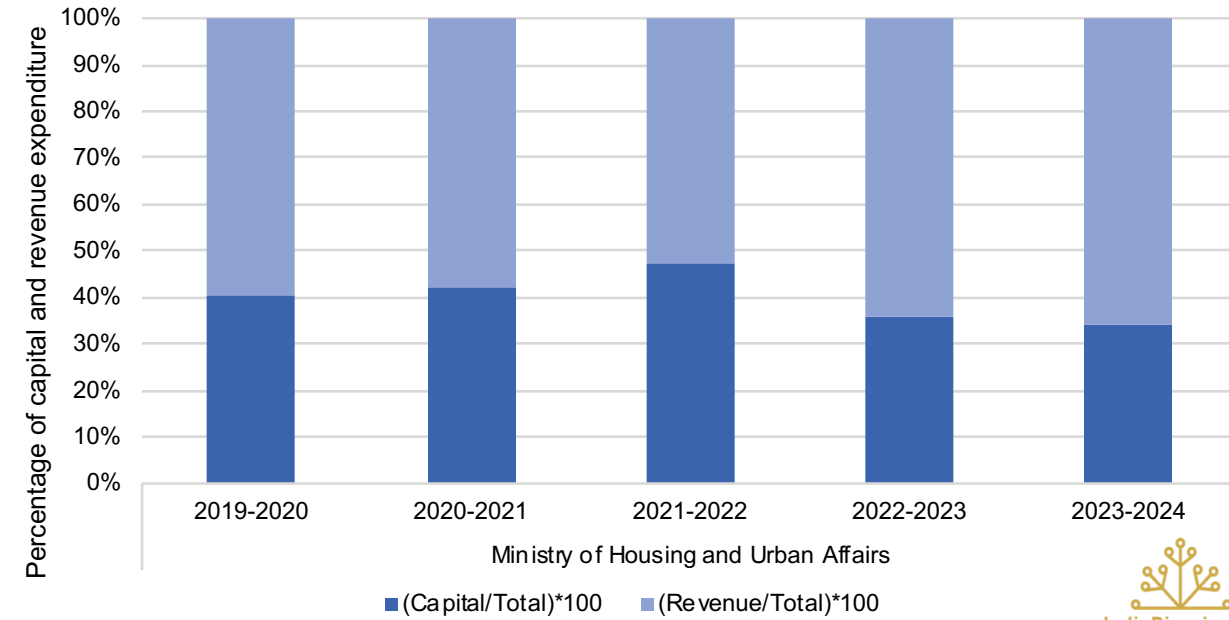
MINISTRY OF HEAVY INDUSTRIES



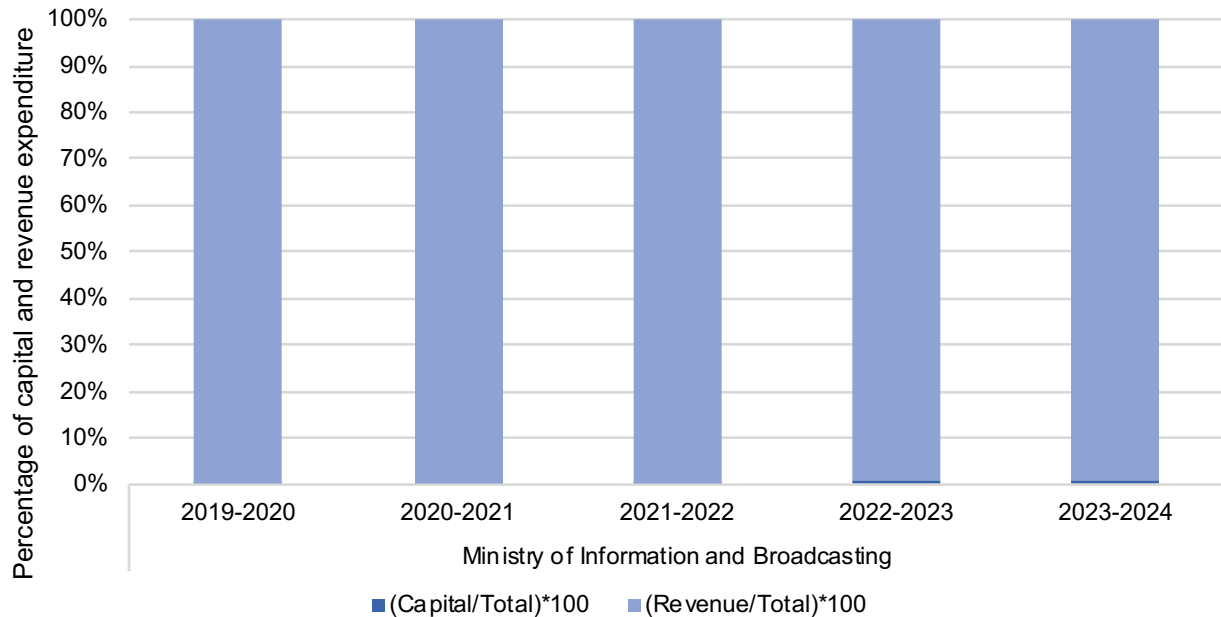
MINISTRY OF HOME AFFAIRS



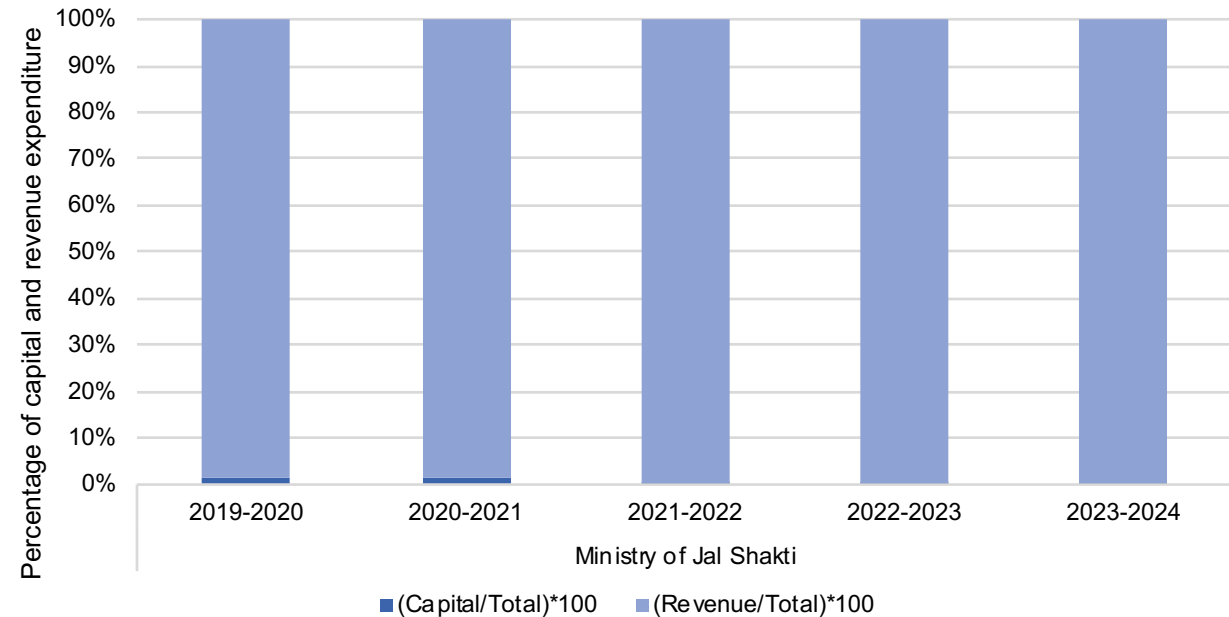
MINISTRY OF HOUSING AND URBAN AFFAIRS



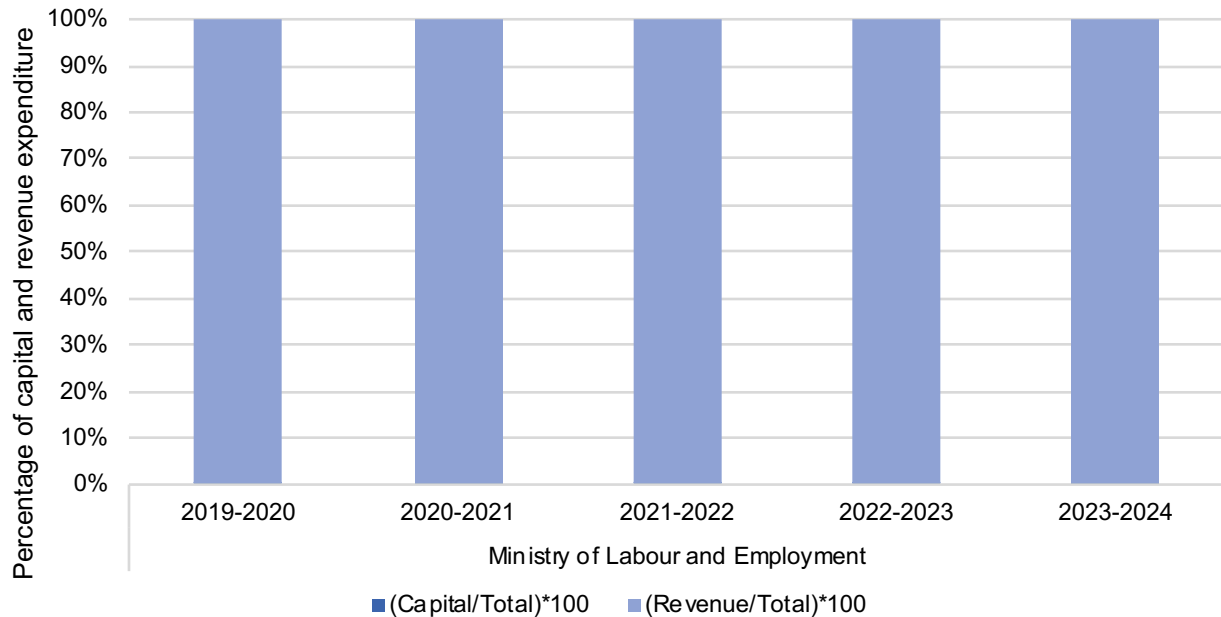
MINISTRY OF INFORMATION AND BROADCASTING



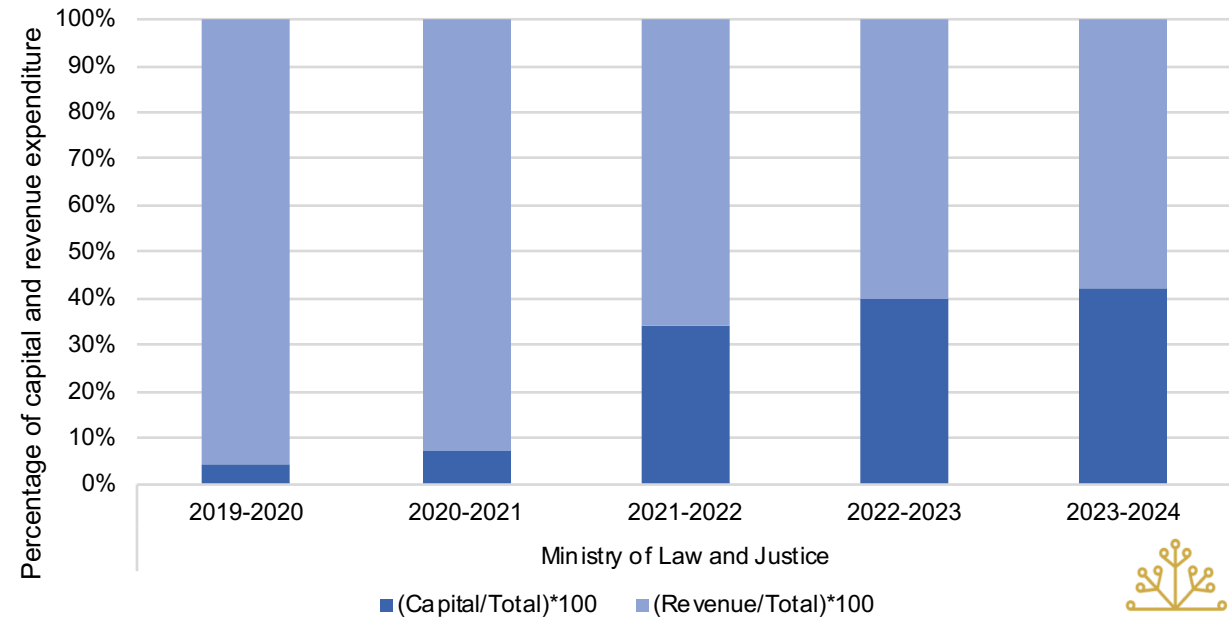
MINISTRY OF JAL SHAKTI



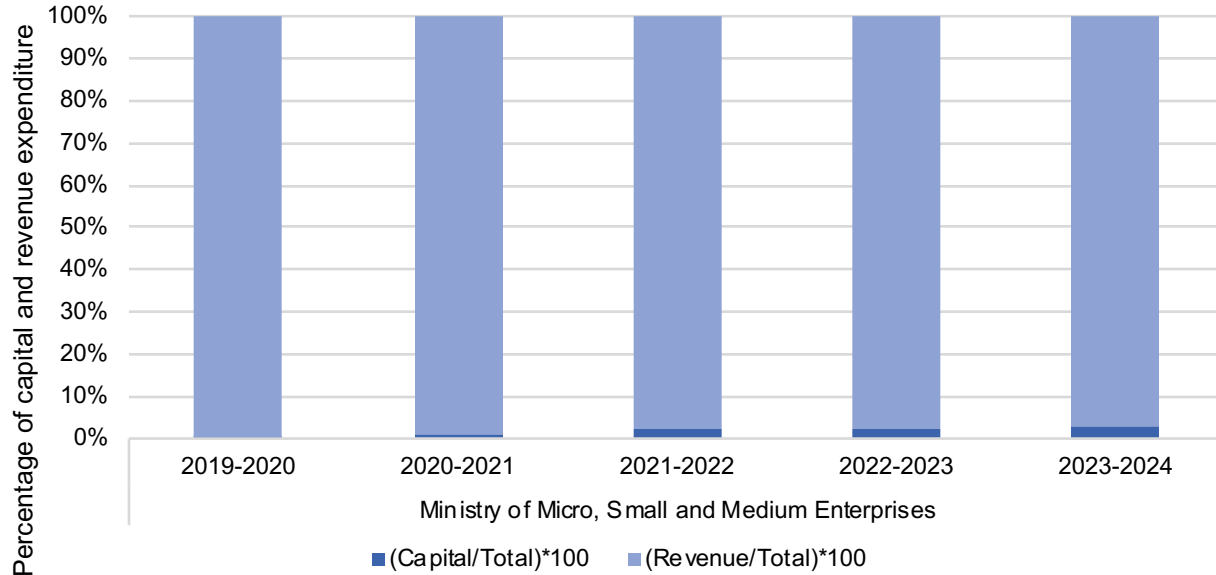
MINISTRY OF LABOUR AND EMPLOYMENT



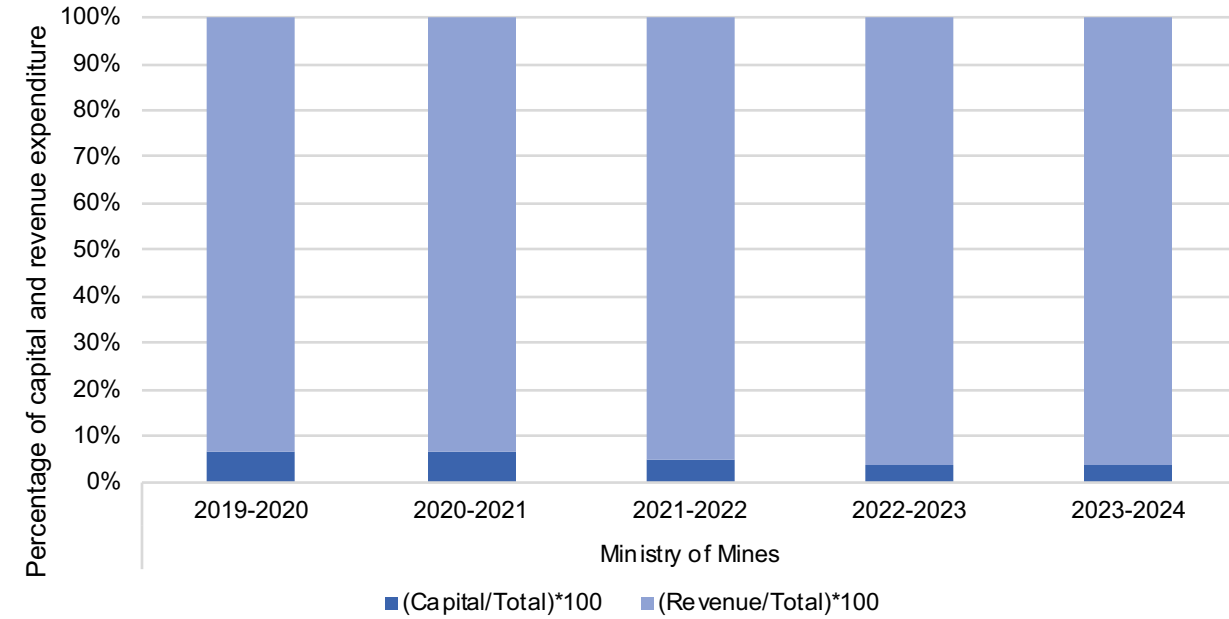
MINISTRY OF LAW AND JUSTICE



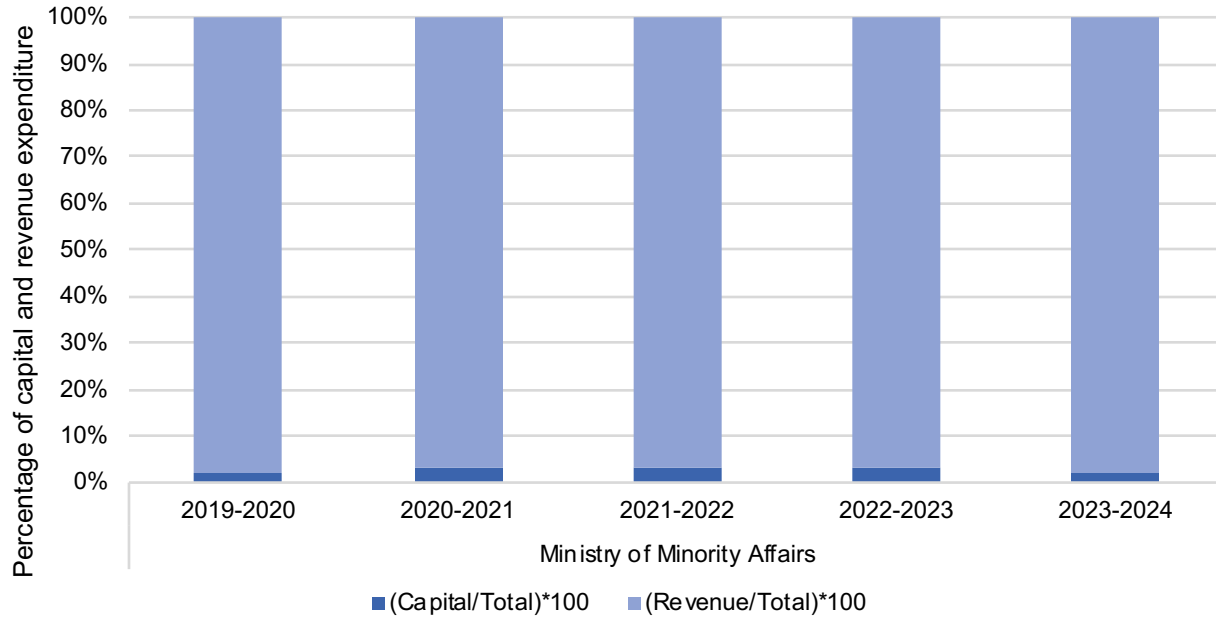
MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES



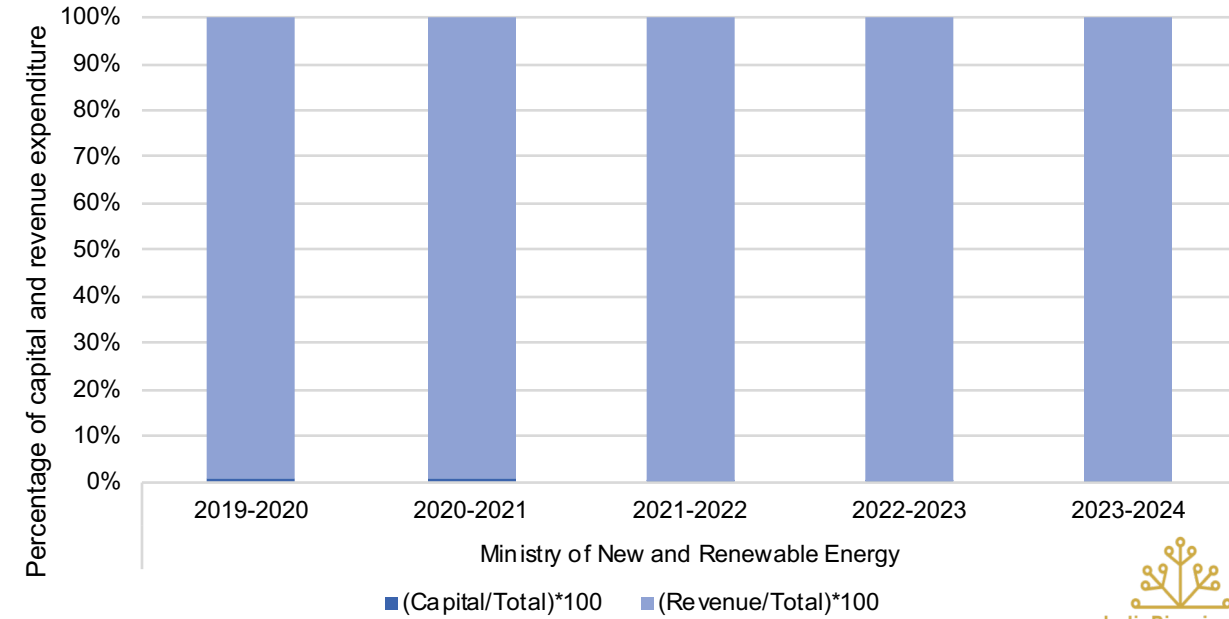
MINISTRY OF MINES



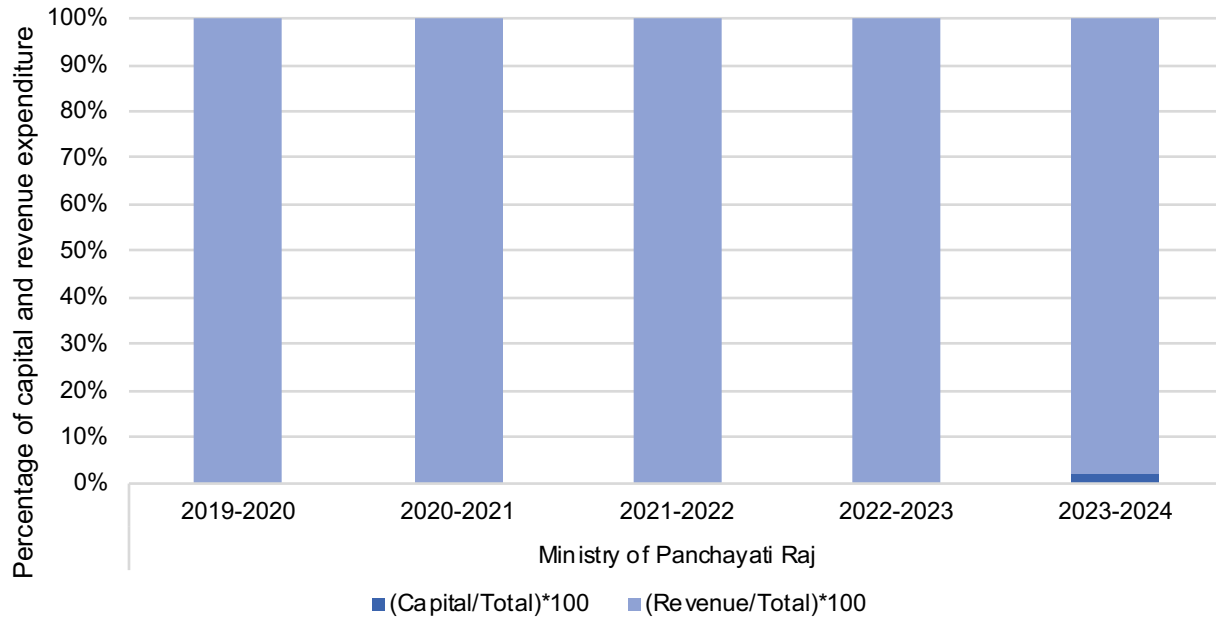
MINISTRY OF MINORITY AFFAIRS



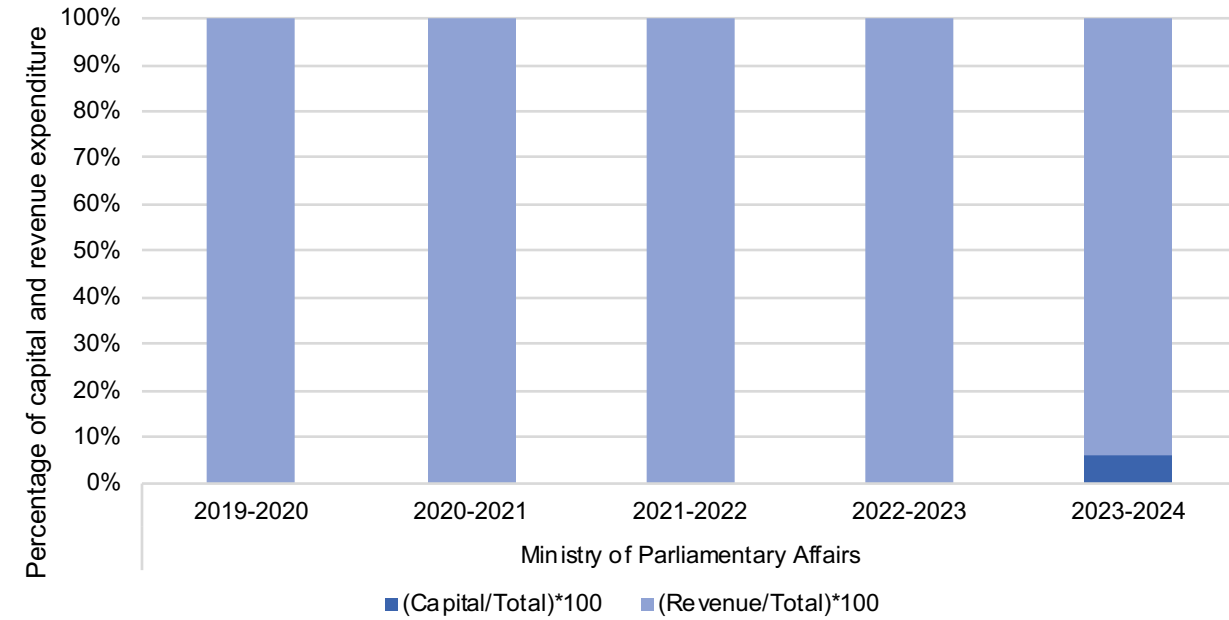
MINISTRY OF NEW AND RENEWABLE ENERGY



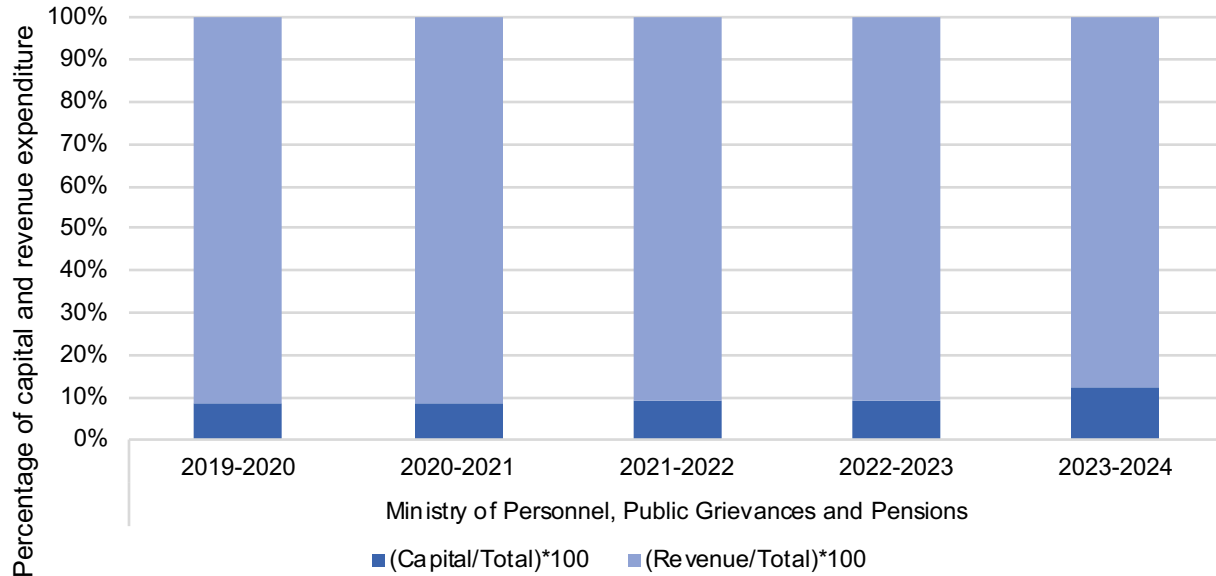
MINISTRY OF PANCHAYATI RAJ



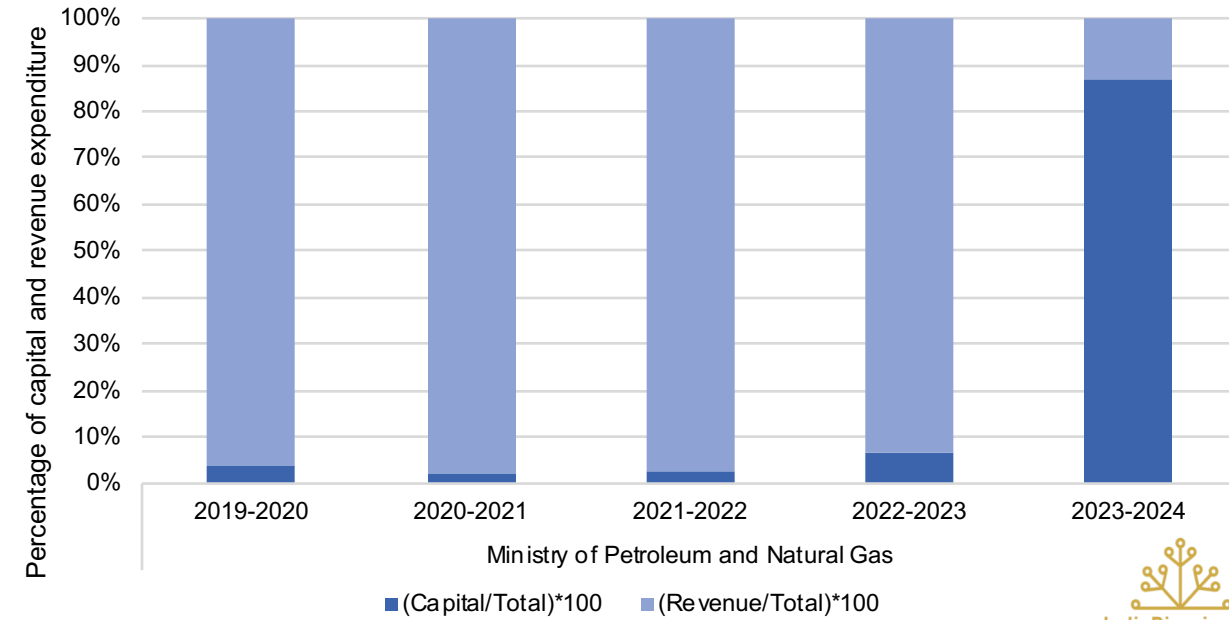
MINISTRY OF PARLIAMENTARY AFFAIRS



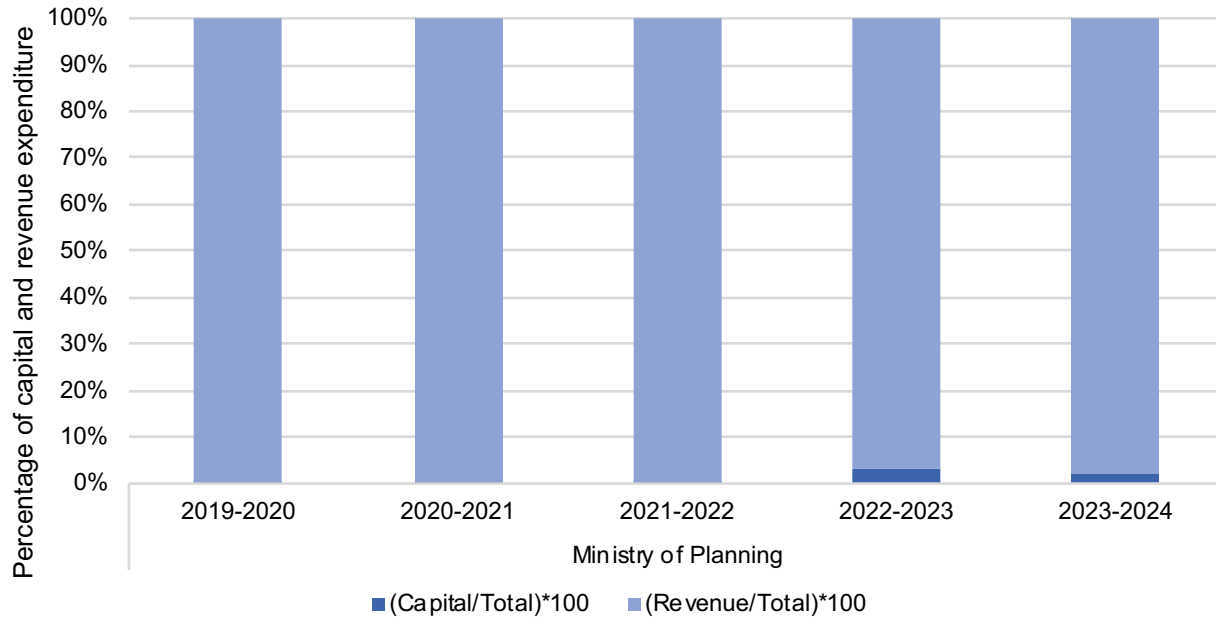
MINISTRY OF PERSONNEL, PUBLIC GRIEVANCES AND PENSIONS



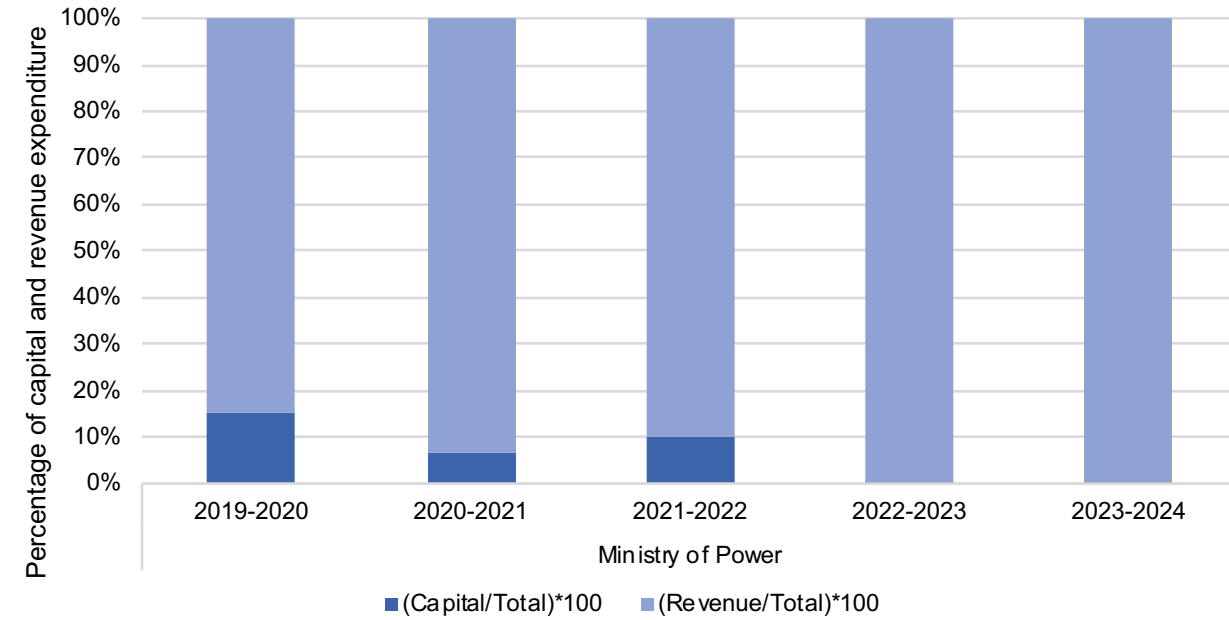
MINISTRY OF PETROLEUM AND NATURAL GAS



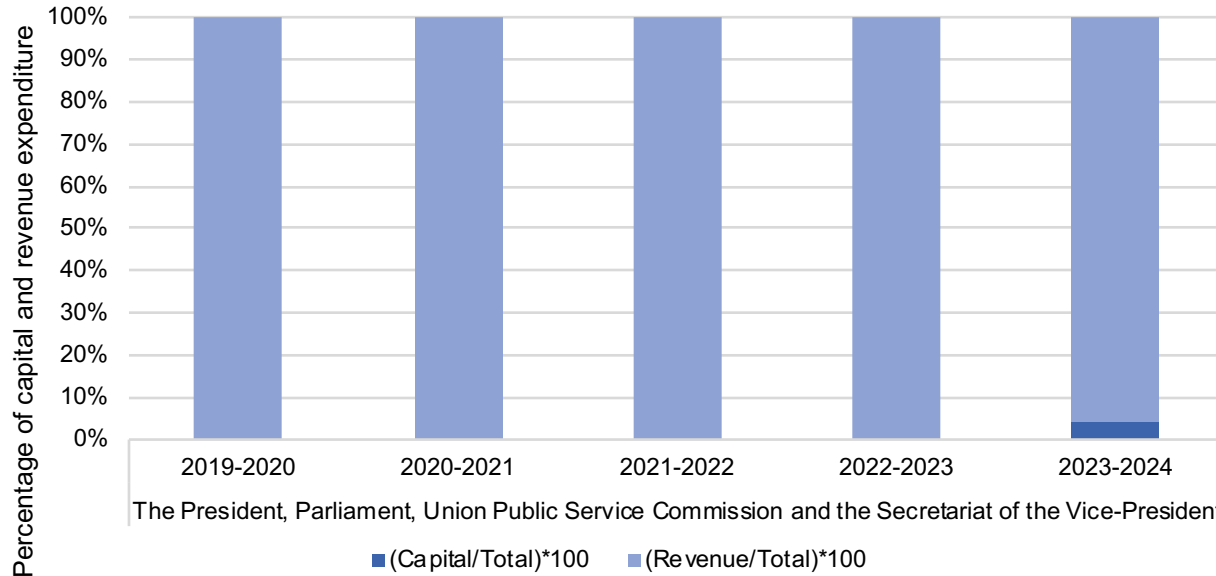
MINISTRY OF PLANNING



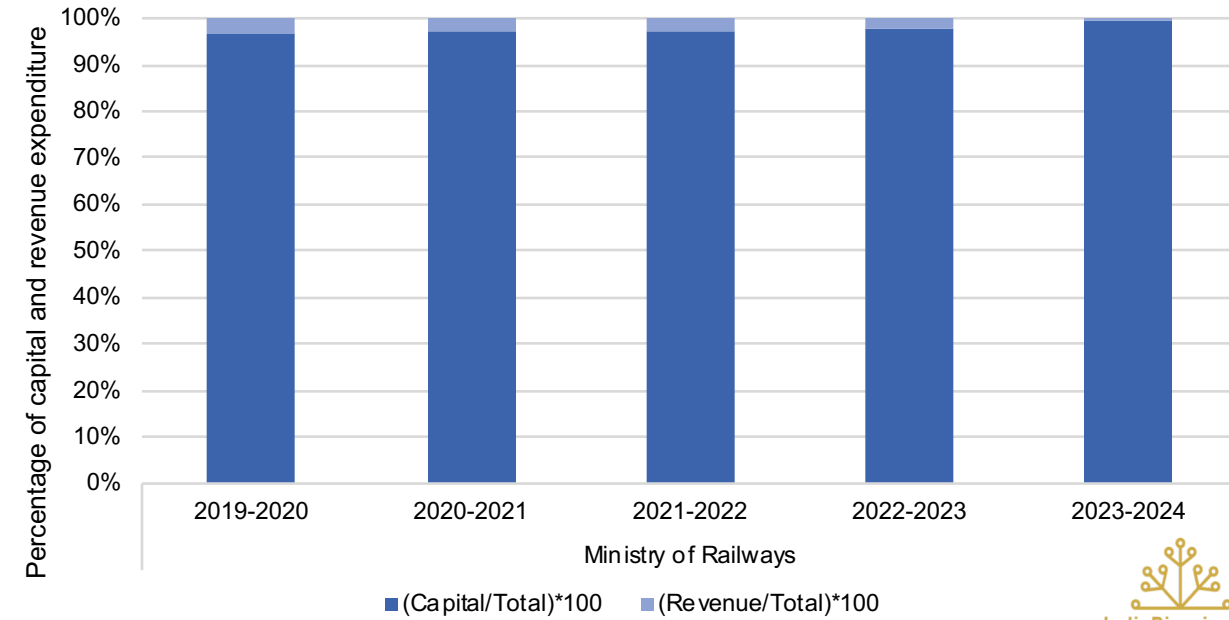
MINISTRY OF POWER



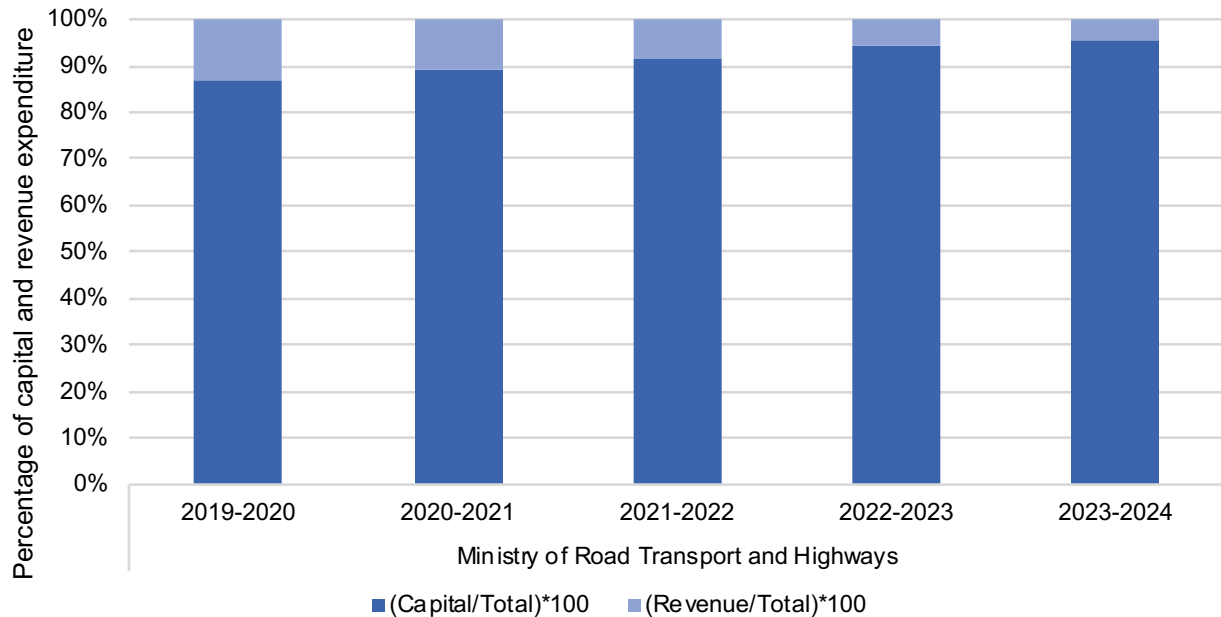
THE PRESIDENT, PARLIAMENT, UPSC, AND THE SECRETARIAT OF THE VICE PRESIDENT



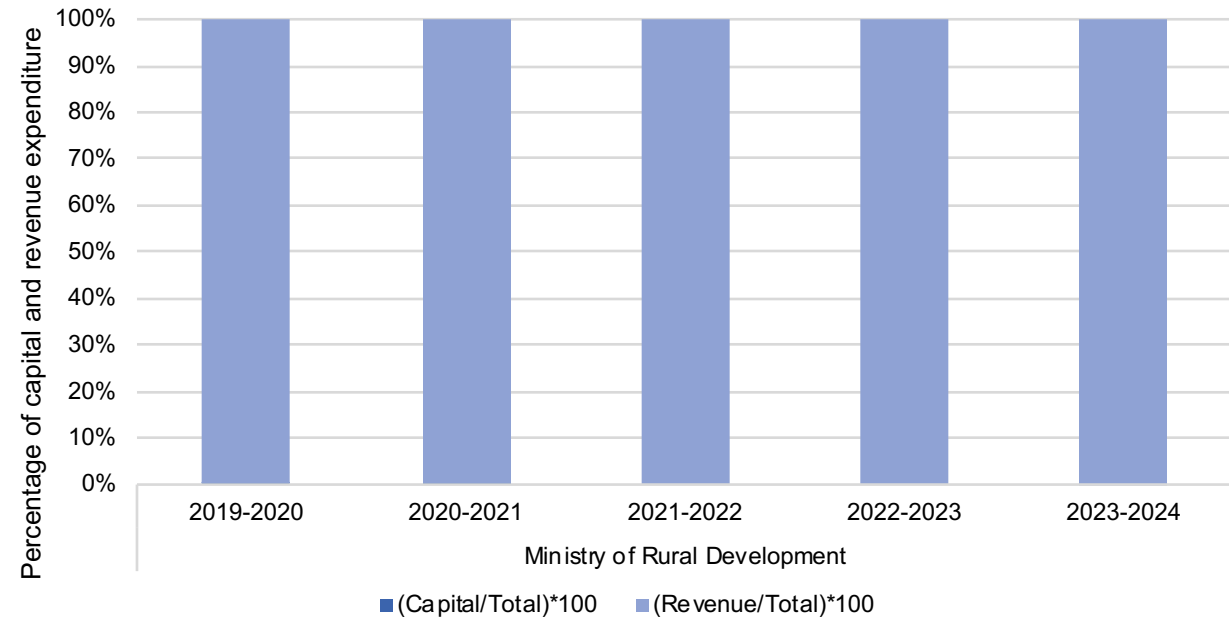
MINISTRY OF RAILWAYS



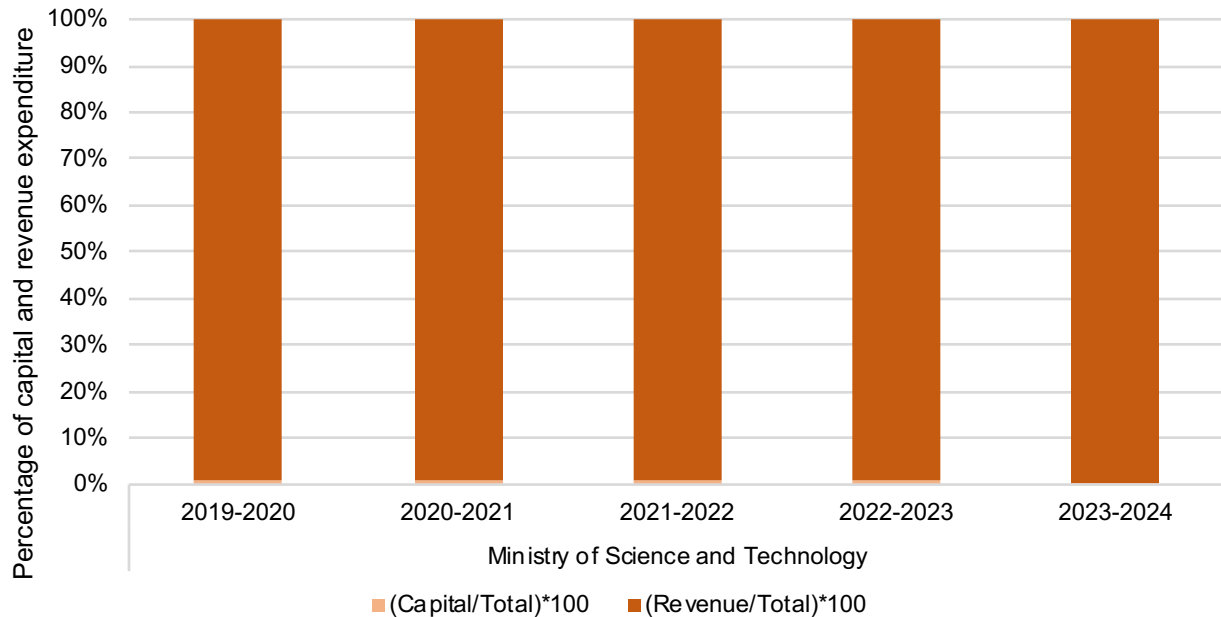
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS



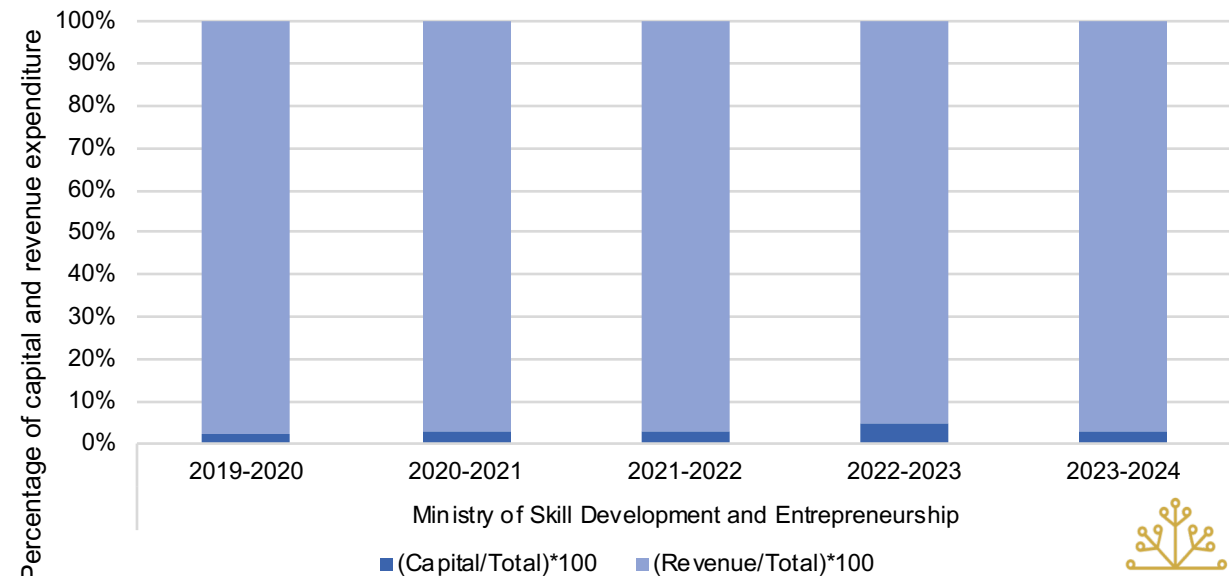
MINISTRY OF RURAL DEVELOPMENT



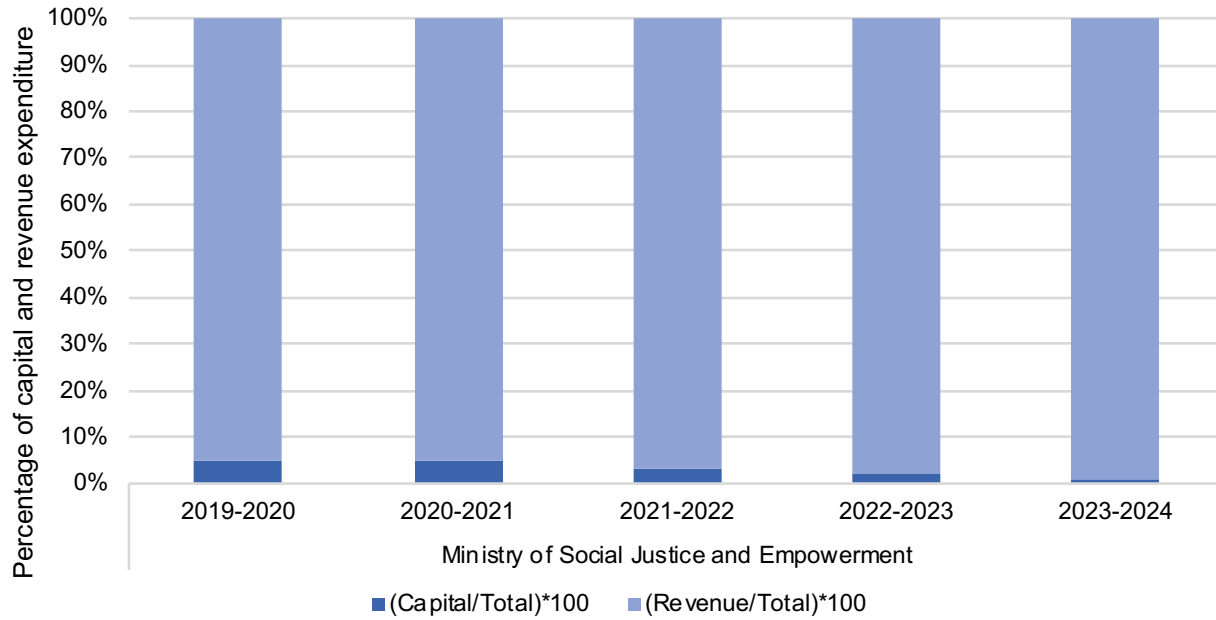
MINISTRY OF SCIENCE AND TECHNOLOGY



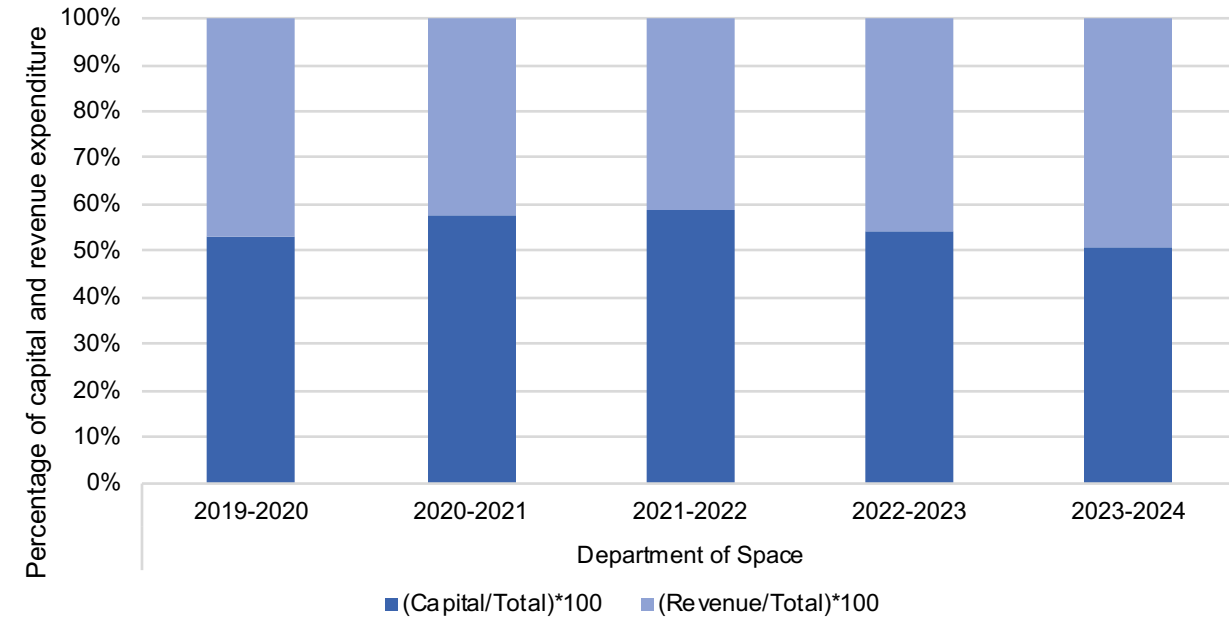
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP



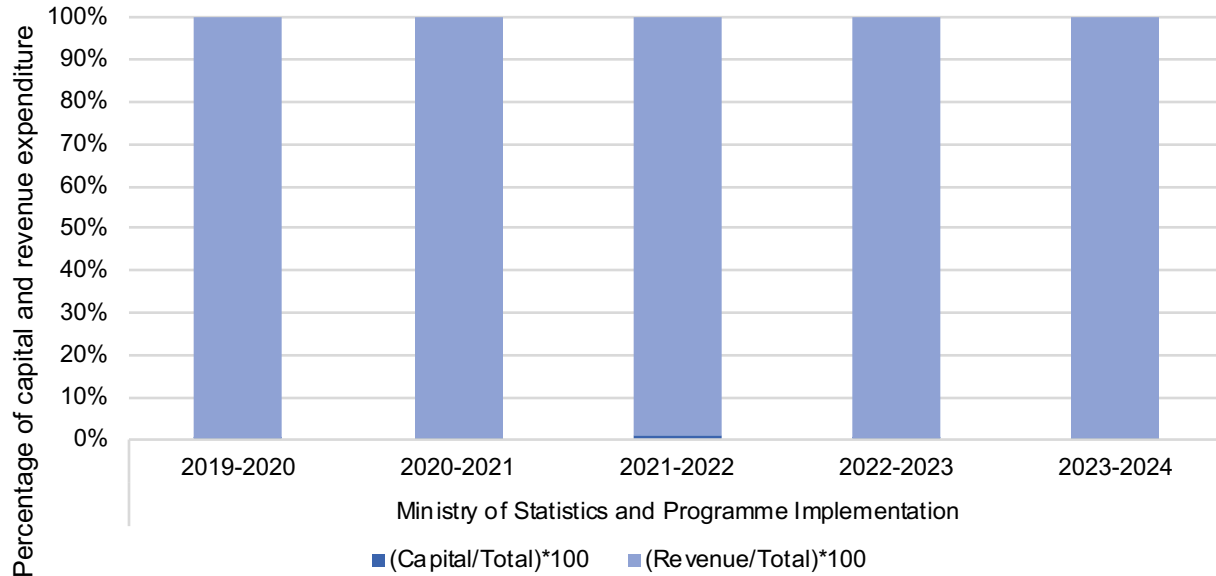
MINISTRY OF SOCIAL JUSTICE AND EMPOWERMENT



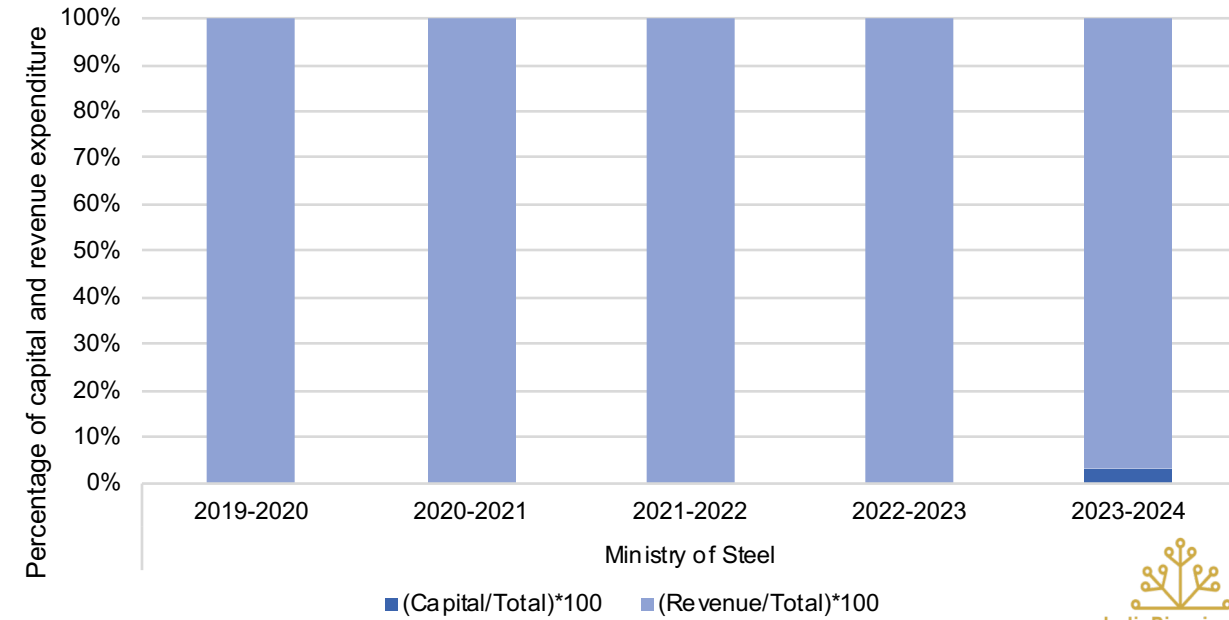
DEPARTMENT OF SPACE



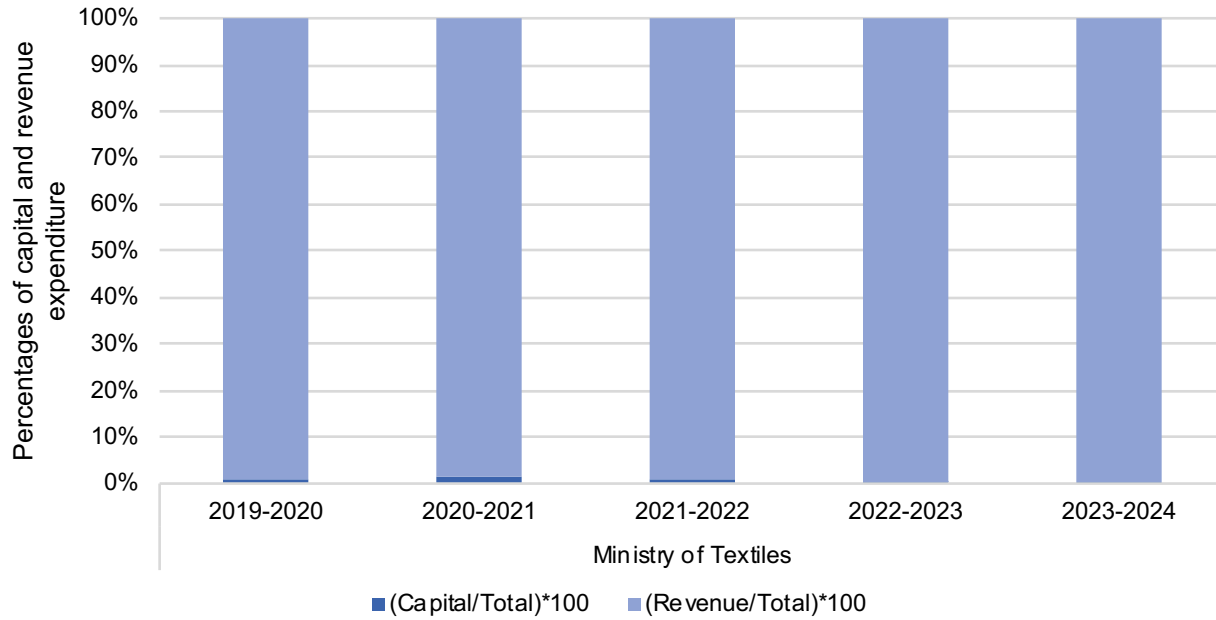
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION



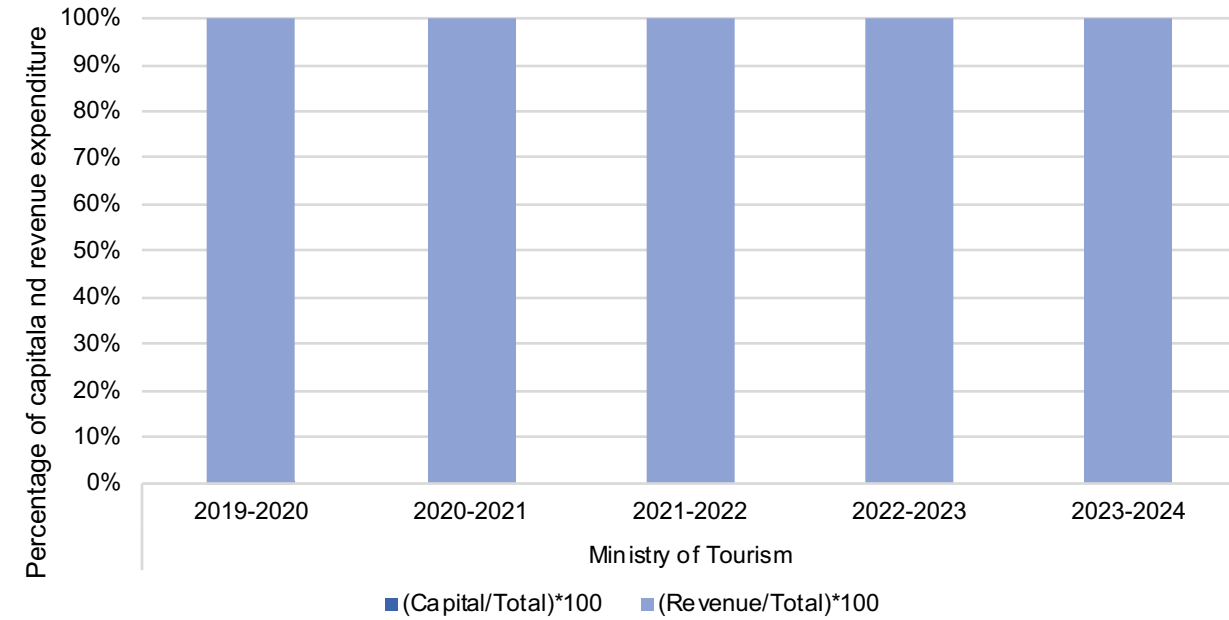
MINISTRY OF STEEL



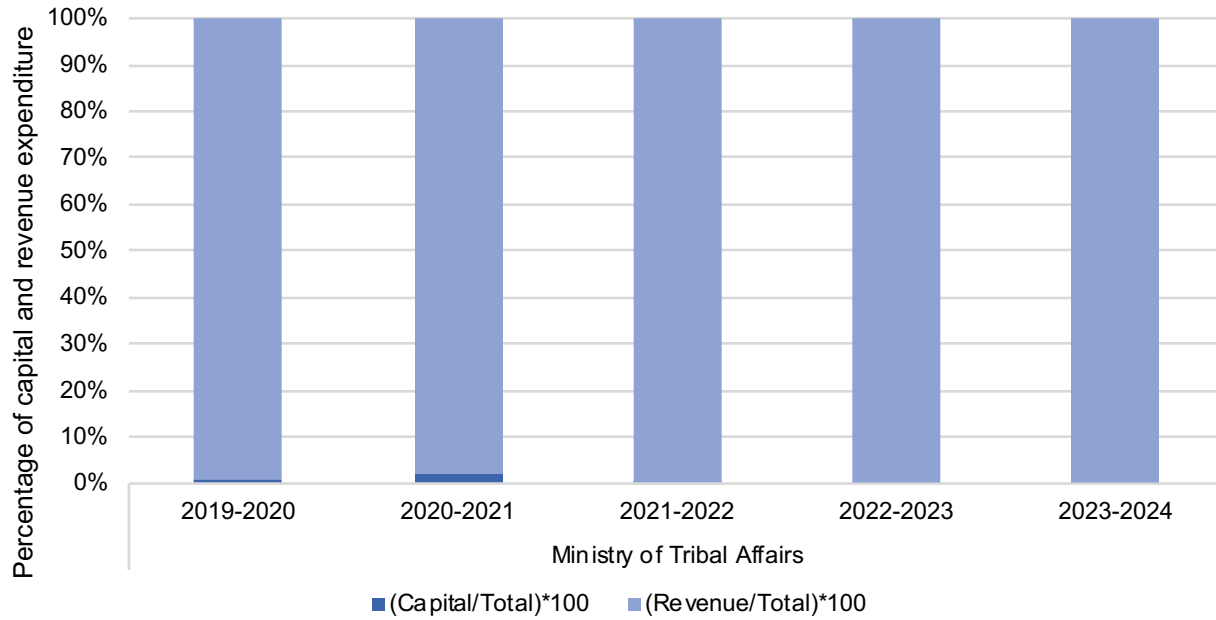
MINISTRY OF TEXTILES



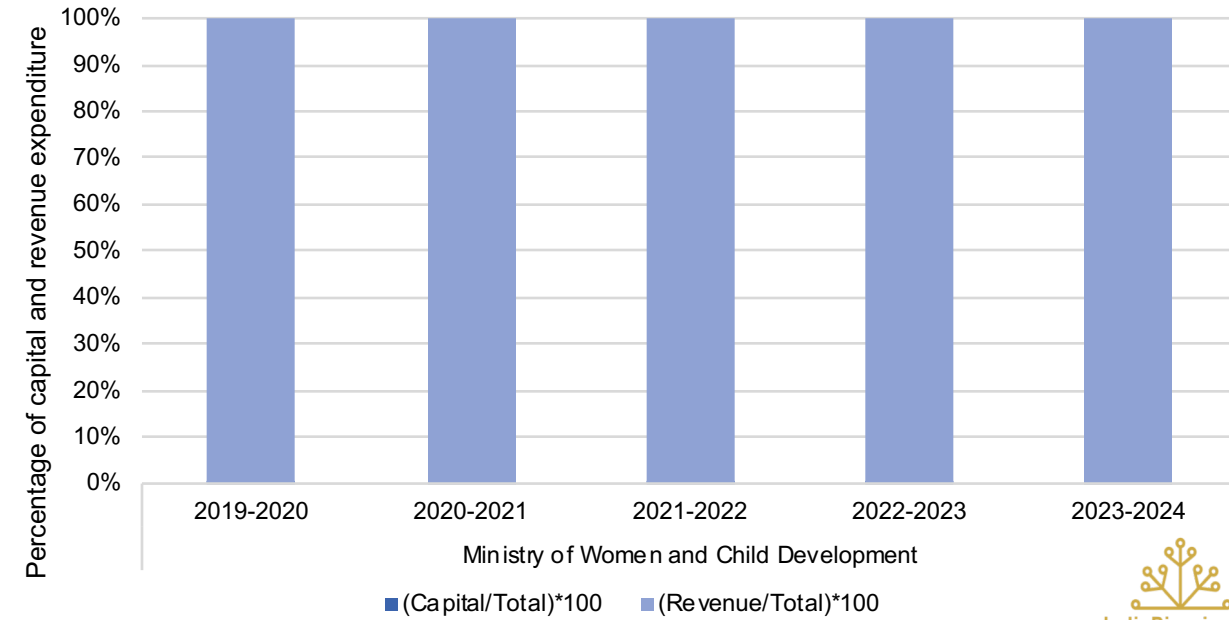
MINISTRY OF TOURISM



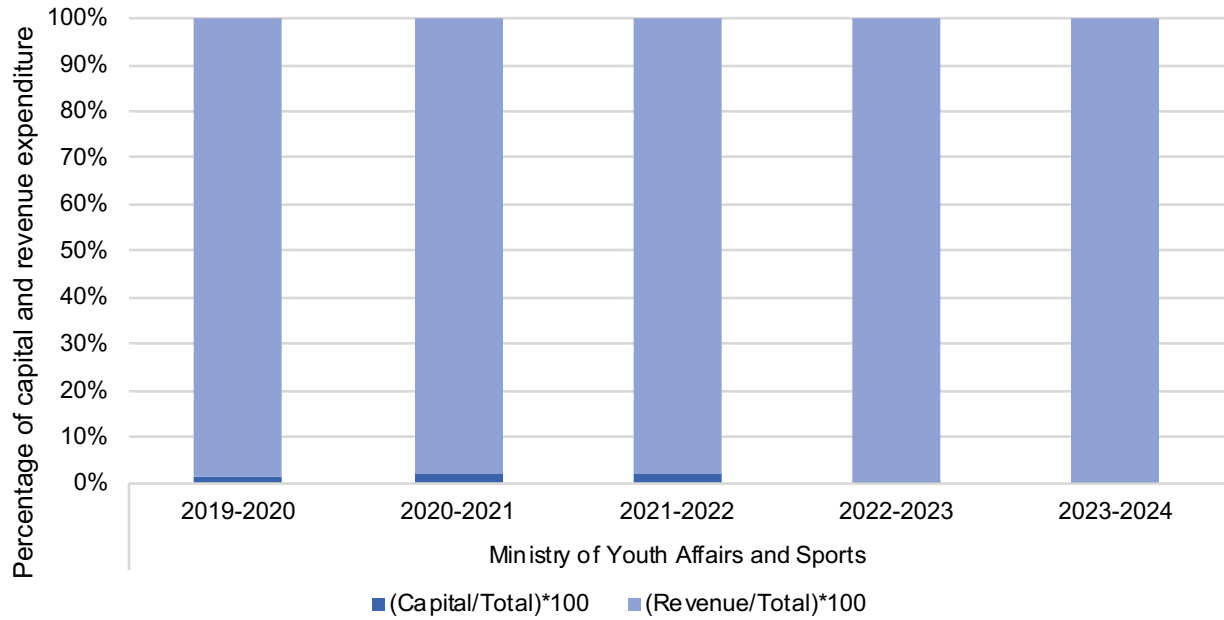
MINISTRY OF TRIBAL AFFAIRS



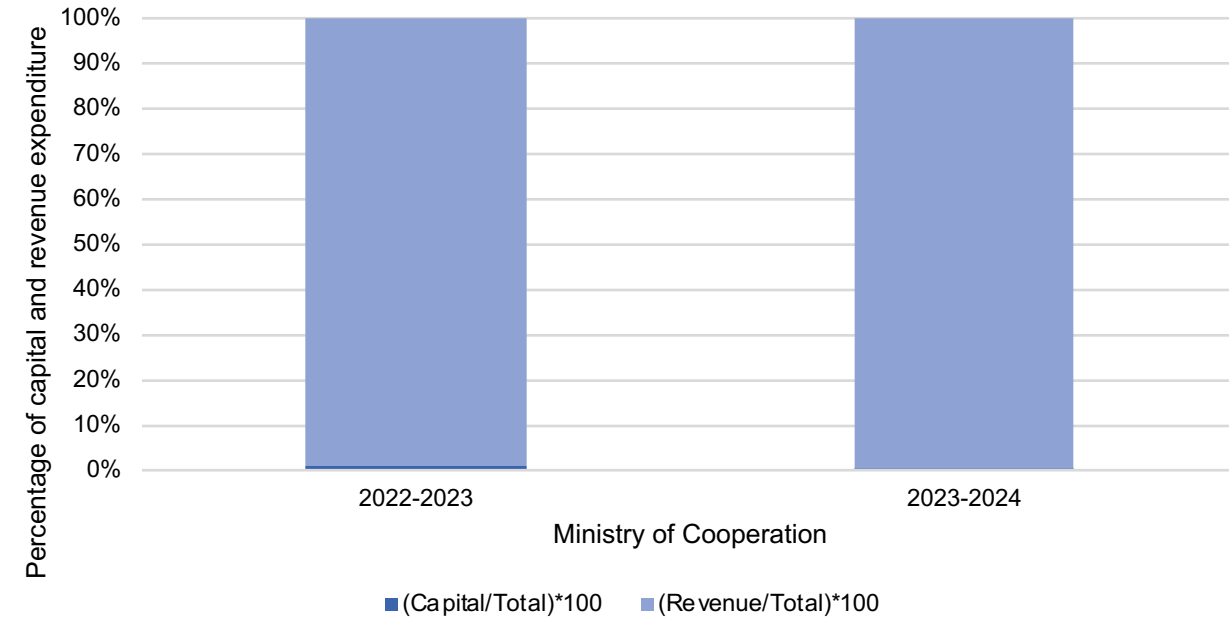
MINISTRY OF WOMEN AND CHILD DEVELOPMENT



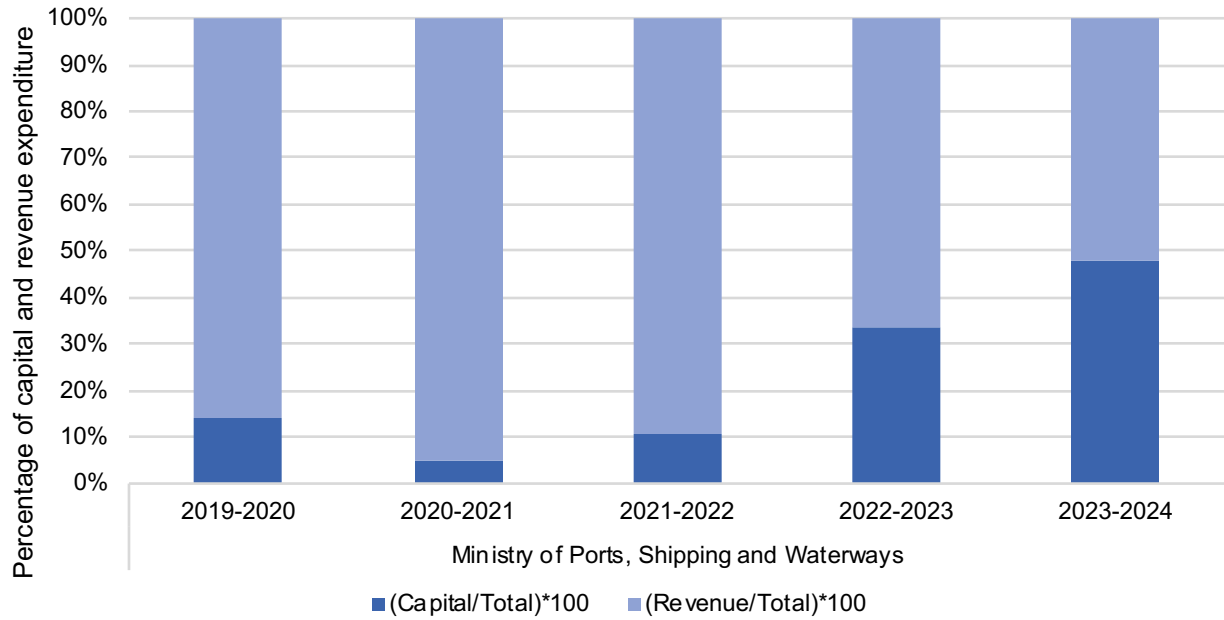
MINISTRY OF YOUTH AFFAIRS AND SPORTS



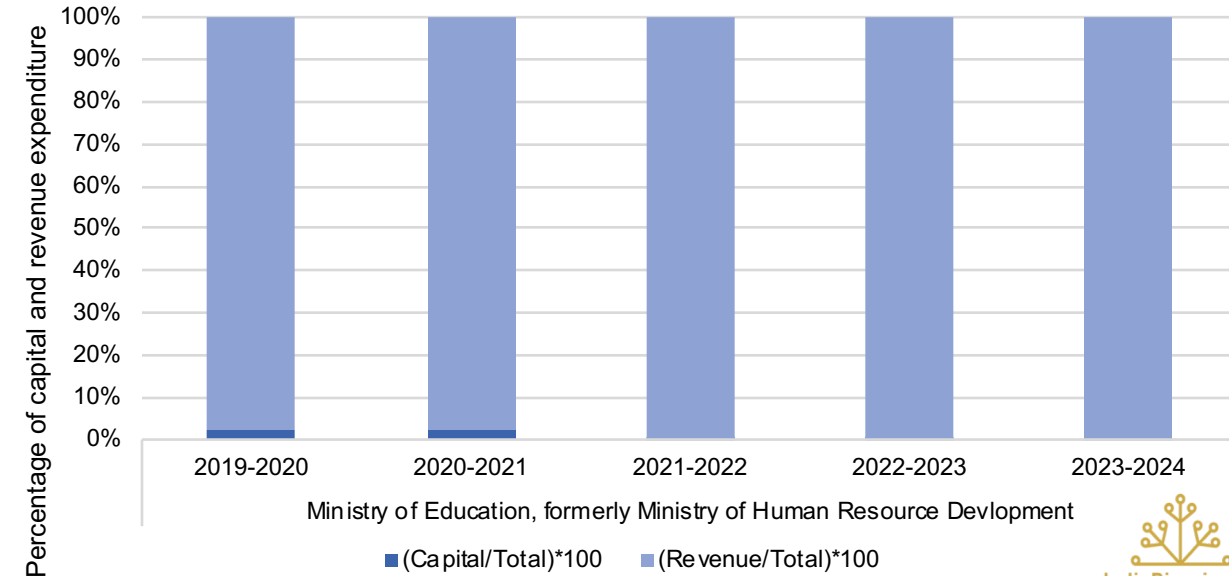
MINISTRY OF COOPERATION



MINISTRY OF PORTS, SHIPPING AND WATERWAYS



MINISTRY OF EDUCATION/HUMAN RESOURCE DEVELOPMENT



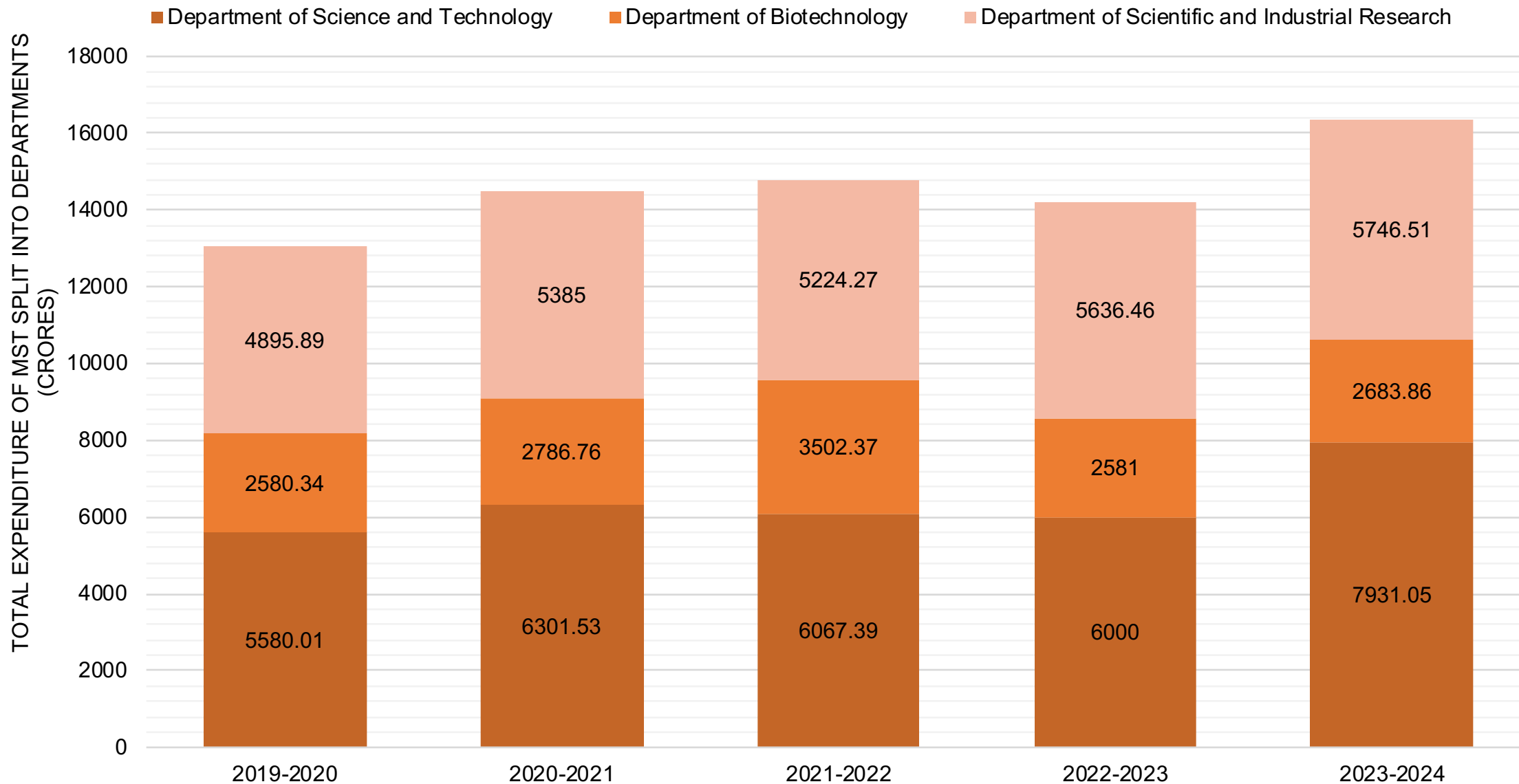
Part III

Department-wise annual spending of Ministry of Science and Technology



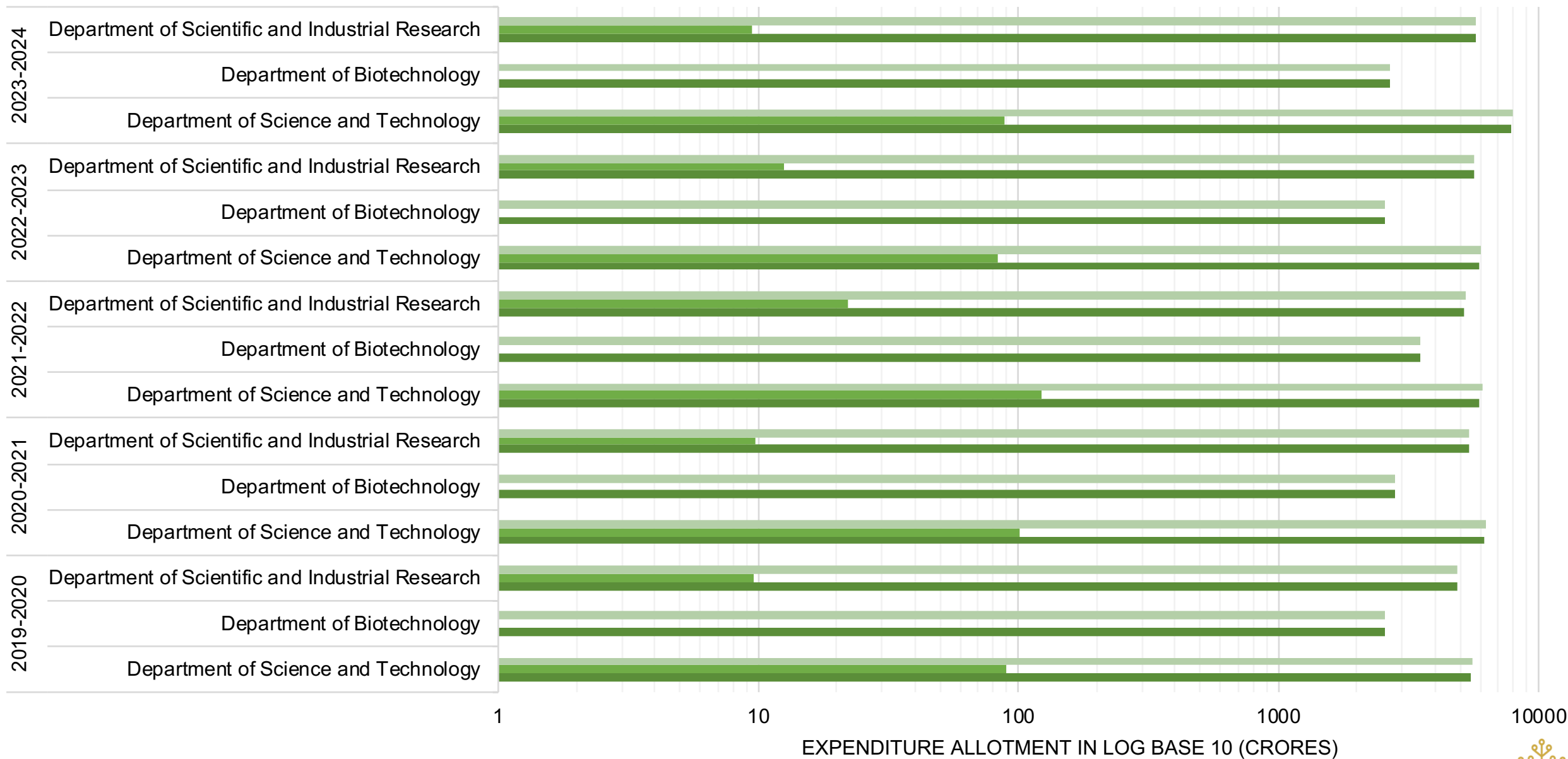
IndiaBioscience

Department-wise annual spending in the Ministry of Science and Technology



Department-wise break-up of expenses in the Ministry of Science and Technology

■ Total ■ Capital ■ Revenue



Part IV

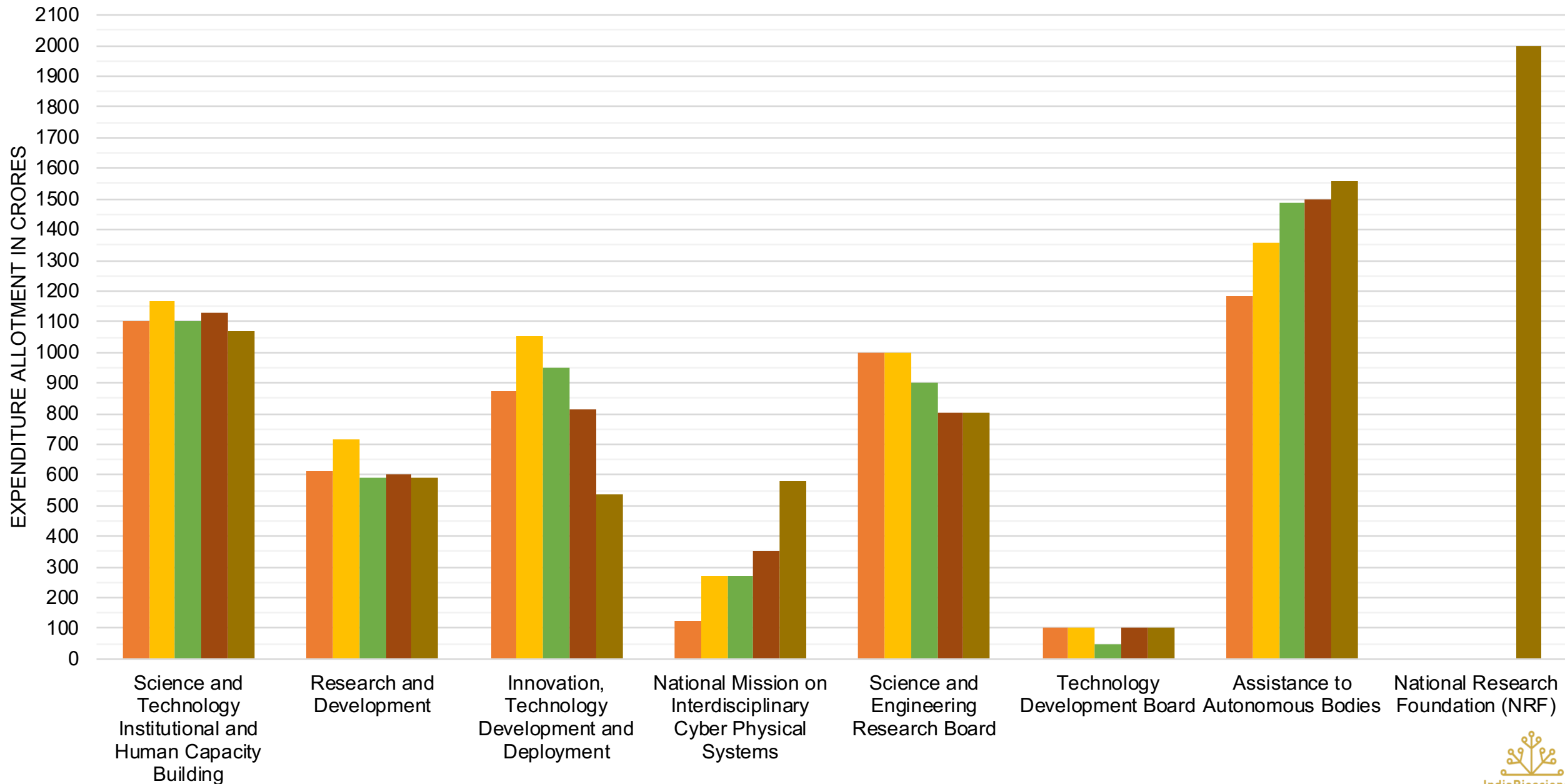
Science and Technology centrally-supported segments as in the Union Budget



IndiaBioscience

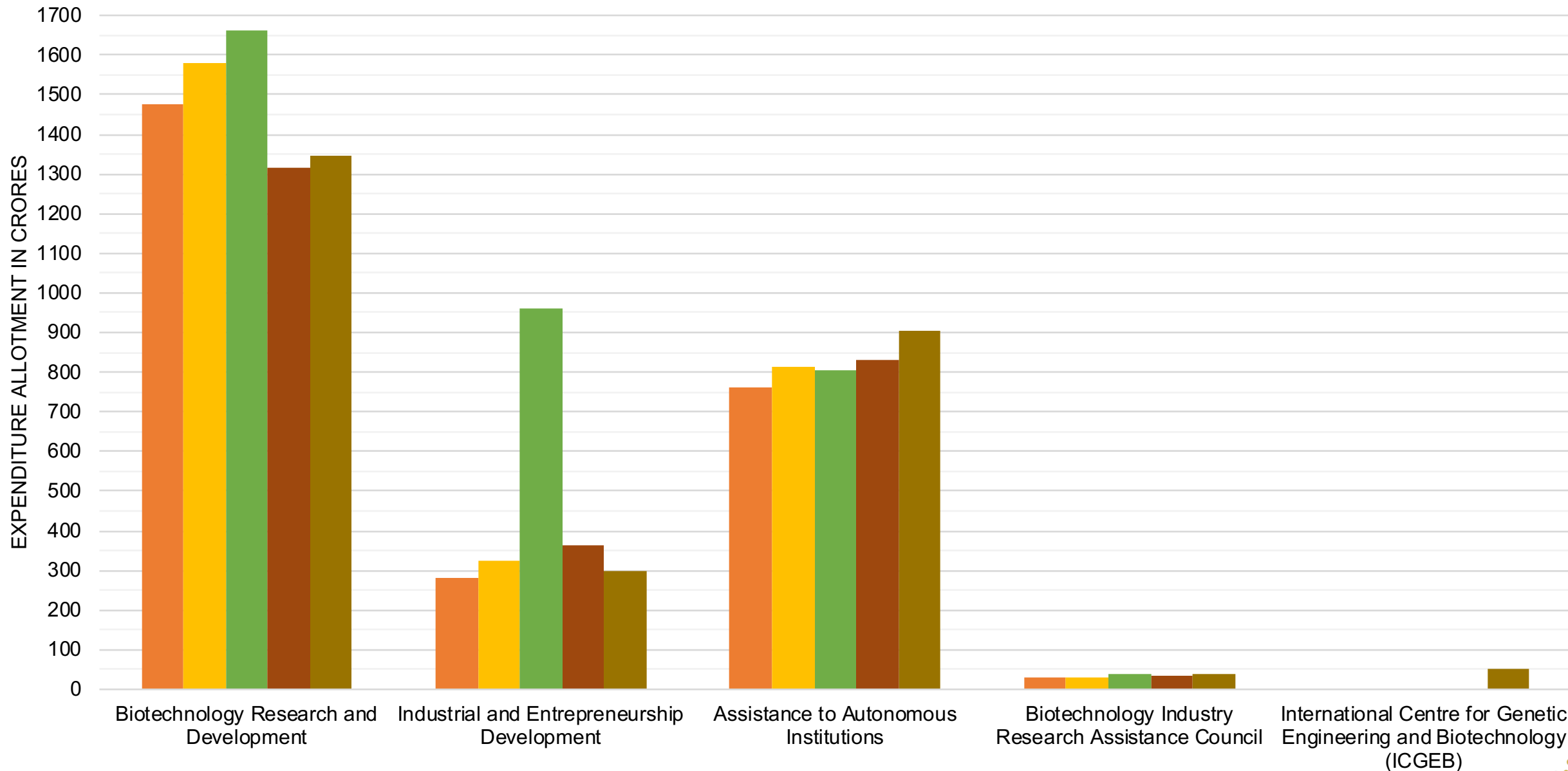
Department of Science and Technology (DST) supported segments

2019-2020 2020-2021 2021-2022 2022-2023 2023-2024



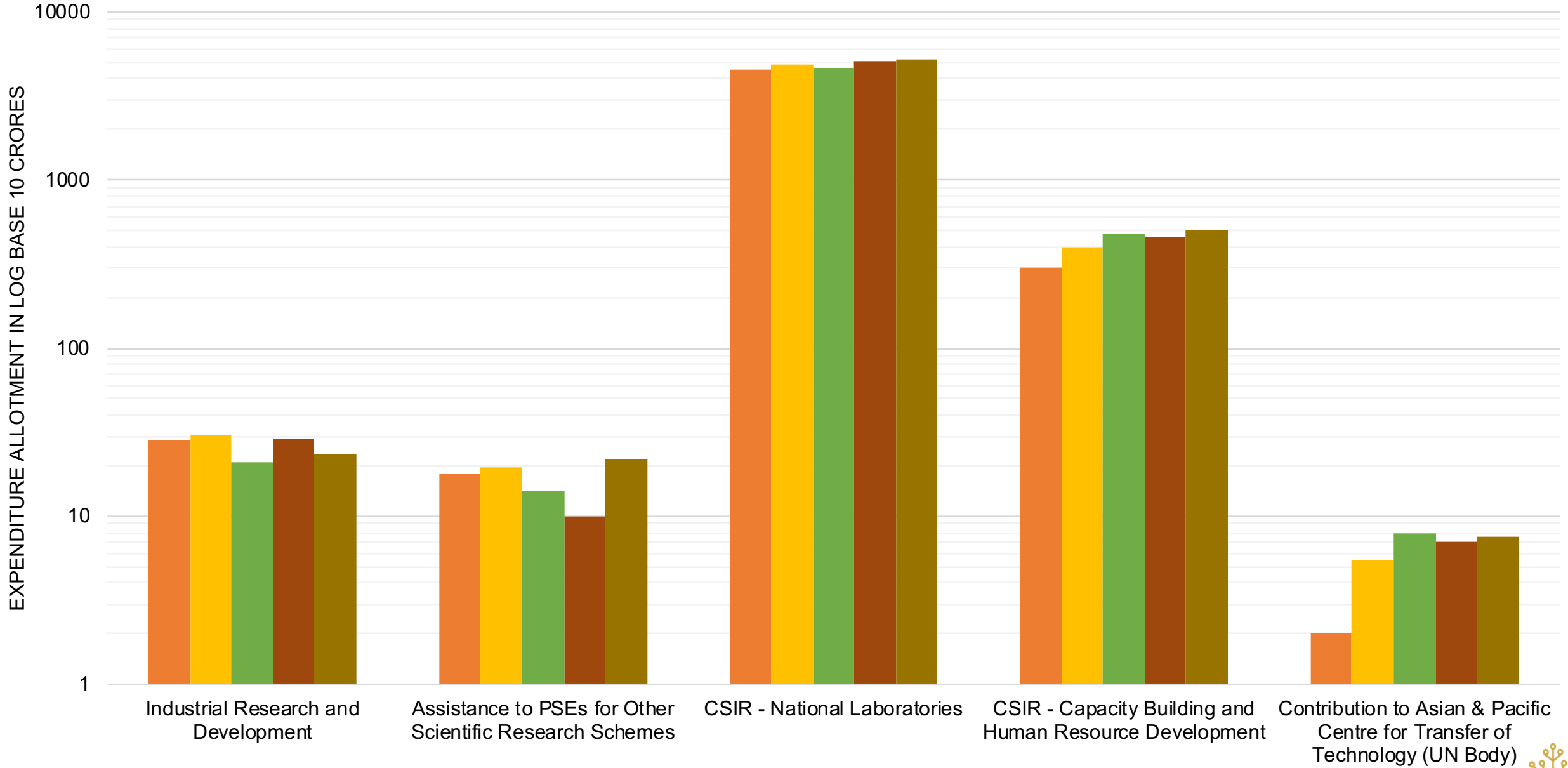
Department of Biotechnology (DBT) supported segments

2019-2020 2020-2021 2021-2022 2022-2023 2023-2024



Department of Scientific and Industrial Research (DSIR) supported segments

2019-2020 2020-2021 2021-2022 2022-2023 2023-2024



Union Budget References

2019-2020: <https://www.indiabudget.gov.in/budget2019-20/doc/eb/allsbe.pdf>

2020-2021: <https://www.indiabudget.gov.in/budget2020-21/doc/eb/allsbe.pdf>

2021-2022: <https://www.indiabudget.gov.in/budget2021-22/doc/eb/allsbe.pdf>

2022-2023: <https://www.indiabudget.gov.in/budget2022-23/doc/eb/allsbe.pdf>

2023-2024: <https://www.indiabudget.gov.in/doc/eb/allsbe.pdf>

Acknowledgements

Concept: Karishma S Kaushik

Data Analysis and Visualisation: Atharv Salvi

IndiaBioscience is supported by the Department of Biotechnology,
Government of India



सत्यमेव जयते

DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India



IndiaBioscience