

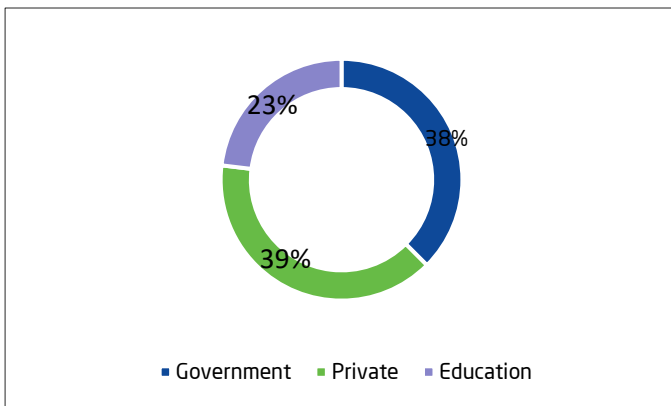
Expenditure on research and development increases by 32.7% in 2022

The results of research and development statistics (R&D) in the Kingdom for the year 2022 indicated that the total funding in the field of research and development amounted to 19.2 billion SAR in line with the Kingdom's vision which highlights the important role of research, development, and innovation in economic growth. In terms of the amount of funding at the level of different sectors, it is noted that the amount of funding in the government sector reached 11.1 billion SAR, which means 58% of total R&D funding, constituting the largest share of funding compared to other sectors. This confirms the role of the government sector in spending on research and development in the private and educational sectors. However, the amount of funding in the private sector amounted to 7.5 billion SAR, accounting for 39% of the total funding amount, while the percentage of funding in the education sector was 3% of the total funding with a value of 0.558 billion SAR.

Expenditure on R&D in 2022

The value of expenditure on R&D amounted to 19.2 billion SAR in 2022. Considering the percentage distribution of expenditure between sectors, it is noted that the private sector topped all sectors in terms of expenditure (the sector's funding for itself in addition to funding received from other sectors), accounting for 39% of total expenditure on R&D with a value of 7.5 billion SAR, followed by the government sector (38%), with a value of 7.2 billion SAR, then the education sector (23%) with a value of 4.4 billion SAR - including government and private higher education establishments - (Figure1).

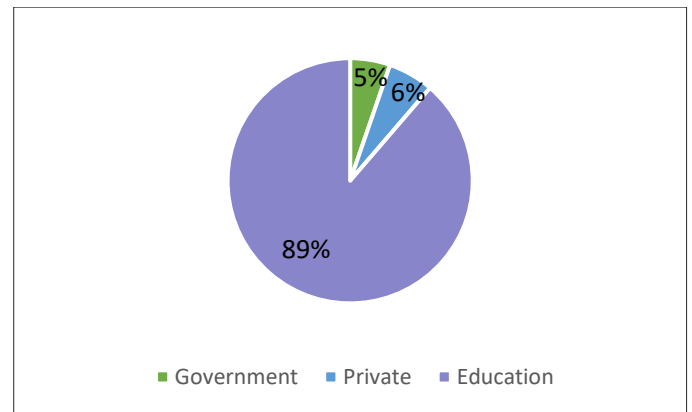
Figure1. Percentage distribution of total expenditure on R&D by sectors.



Researchers

The total number of researchers in the field of research and development reached 30,16 thousand researchers during 2022. With a closer look at the sectors, it is noted that 89% of the total number of researchers were in the educational sector with 26,75 thousand researchers, followed by the private sector by 6%, with 1,81 thousand researchers, then the government sector by 5%, with 1,59 thousand researchers (Figure3).

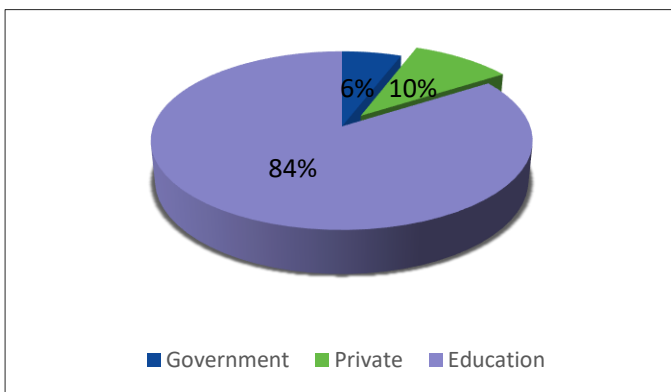
Figure3. Percentage distribution of R&D researchers by sectors.



Employees in the R&D field

In 2022, the total number of employees in the field of research and development was 43,96 thousand. According to the results, the percentage distribution of employees in the R&D field was 84% in the education sector with 36,93 thousand employees followed by the private sector by 10% with 4,44 thousand employees, then the government sector by 6%, with 2,58 thousand employees (Figure2).

Figure 2 . Percentage distribution of R&D employees by sectors.



Reference Metadata

Research and Development Statistics (R&D) is an annual publication concerned with the field of research and development in the Kingdom of Saudi Arabia. It aims to provide economic indicators about the expenditure on the field of research and development and its employees. More details can be found at the following link: [Reference Metadata](#)