

EXPLANATORY NOTES ON MAIN STATISTICAL INDICATORS

Patent is an abbreviation for the patent right and refers to the exclusive right of ownership by the inventors or designers for the creation or inventions, given from the patent offices after due process of assessment and approval in accordance with the Patent Law. Patents are granted for inventions, utility models and designs. This indicator reflects the achievements of S&T and design with independent intellectual property.

Patented Inventions refer to new technical proposals to the products or methods or their modifications. This is universal core indicator reflecting the technologies with independent intellectual property.

Patented Utility Models refer to the practical and new technical proposals on the shape and structure of the product or the combination of both. This indicator reflects the condition of technological results with certain technical content.

Designs refer to the aesthetics and industrially applicable new designs for the shape, pattern and colour of the product, or their combinations. This indicator reflects the appearance design achievements with independent intellectual property.

Professional Personnel refers to the persons who are engaged in special professional work or in professional management who got the titles of a professional post before 1983 or who were appointed to professional positions since 1984.

Professional personnel specifically refers to engineering professionals, agricultural professionals, scientific research professionals (natural science researchers, social science researchers and laboratory technicians), health professionals, teaching professionals (including institutions of higher education, specialized secondary schools, technical schools, regular secondary schools, and primary schools), civil aviation professionals, nautical professionals, economic professionals, accounting professionals, statistical professionals, interpretation professionals, library professionals, archives professionals, professionals of culture, arts and cultural relics, newsman and publishing professionals, lawyers, notary professionals, radio and television announcers, industrial arts professionals, sports professionals, artists and political professionals.

Professional management personnel specifically refers to the managers of enterprises and institutions, the personnel engaged in the management of production, technical, economic management and political aspects in the functional departments under the enterprise and institution, production workshops and accessorial workshops (or accessorial production units) under the enterprises.

Professional personnel do not include personnel under or managed according to the system of civil servants.