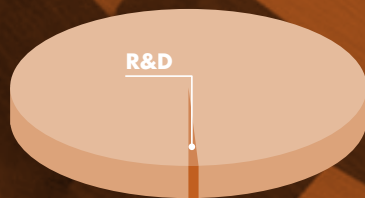


SOUTH AFRICAN NATIONAL
SURVEY OF RESEARCH
AND EXPERIMENTAL
DEVELOPMENT

SCIENCE COUNCILS
at a glance **2015/16**

FACT SHEET NO. 10

IN THE 2015/16 SURVEY
0.80% OF GDP
WAS SPENT ON R&D



THE SIZE OF
SOUTH AFRICA'S
GDP IN 2015/16



R 4 049.760
BILLION

**GROSS EXPENDITURE ON
R&D (GERD) GREW FROM**

R 14.149 BILLION
IN 2005/06

R 32.337 BILLION
IN 2015/16

THE **GROWTH OF SCIENCE COUNCIL R&D EXPENDITURE**
HAS STEADILY **INCREASED FROM**

R 3.137
BILLION
IN 2008/09



R 5.741
BILLION
IN 2015/16

**INVESTMENT-ENHANCING
RESEARCH FACILITIES
AND INFRASTRUCTURE**
IS EVIDENT IN A
**GROWTH OF CAPITAL
EXPENDITURE, FROM**

R 0.384
BILLION
IN 2008/09



R 0.916
BILLION
IN 2015/16



R&D IN BIO-TECHNOLOGY
HAS **DOUBLED** SINCE
2012/13 TO

R 0.320
BILLION
IN 2015/16

INVESTMENT IN ENVIRONMENTAL RELATED R&D AREAS HAS SIGNIFICANTLY INCREASED



6.9%
IN 2013/14



18.4%
IN 2015/16



THE **LARGEST SHARE**
(**68%**) OF **SCIENCE**
COUNCIL R&D
INVESTMENT WAS
IN THE FOLLOWING
RESEARCH FIELDS:

AGRICULTURAL
SCIENCES (18.2%)



INFORMATION AND
COMMUNICATION
TECHNOLOGY (17.0%)

ENGINEERING
SCIENCES (19.3%)

MEDICAL AND HEALTH
SCIENCES (13.5%)

BY SOCIO-ECONOMIC OBJECTIVES, THE **SECTORS**
OF THE **ECONOMY BENEFITING MOST** FROM
SCIENCE COUNCIL INVESTMENT IN R&D WERE:

ECONOMIC
DEVELOPMENT

44.1%

HEALTH,
EDUCATION
& SOCIETY

17.0%

DEFENCE

14.4%

NATURAL
SCIENCES,
TECHNOLOGIES
& ENGINEERING

10.8%

BEHIND THE NUMBERS

The annual South African National Survey of Research and Experimental Development is conducted by the Centre for Science, Technology and Innovation Indicators (CeSTII) at the Human Sciences Research Council (HSRC), on behalf of the Department of Science and Technology (DST). R&D statistics are collected in terms of the Statistics Act No. 6 of 1999, and are quality assured by Statistics South Africa.

Data collected through the survey, and its historic data series, helps to inform decision-makers on investment planning, policy making, advocacy, and research in South Africa. Data streams also add to benchmarking and performance comparisons with our international counterparts.

Access previous survey reports:

<http://www.hsrc.ac.za/en/departments/CeSTii/reports-cestii>

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