

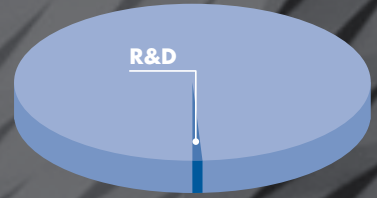
SOUTH AFRICAN NATIONAL SURVEY
OF RESEARCH AND EXPERIMENTAL
DEVELOPMENT



BUSINESS
AT A GLANCE
2016/17

FACT SHEET NO. 14

IN THE 2016/17 SURVEY
0.82% OF GDP
WAS SPENT ON R&D



THE SIZE OF
SOUTH AFRICA'S
GDP IN 2016/17



R 4 350.314
BILLION

GROSS EXPENDITURE ON
R&D (GERD) GREW FROM
R 16.521 BILLION
IN 2006/07

R 35.693 BILLION
IN 2016/17

SINCE 2008/09 ON AVERAGE
82.5% OF GERD
HAS BEEN SPENT ON



NATURAL
SCIENCES



TECHNOLOGY



ENGINEERING
RESEARCH

THE GREATEST GROWTH IN SOUTH AFRICAN
R&D SPENDING HAS BEEN WITHIN THE
SOCIAL SCIENCES, SHOWING AN INCREASE OF

11.4
%

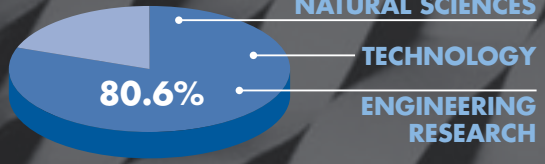
BETWEEN
2008/09 &
2016/17

BUSINESS R&D
SPEND IN 2016/17 WAS



R 14.781
BILLION

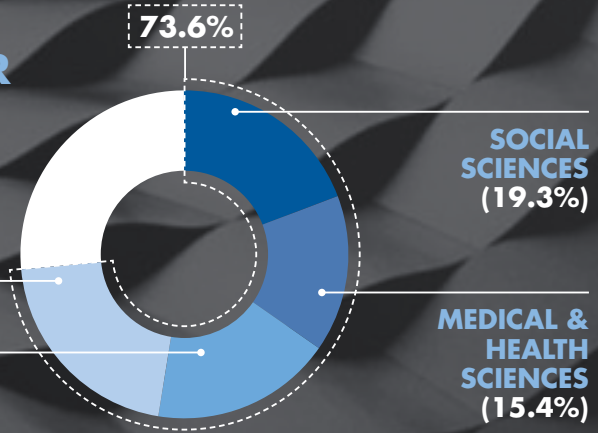
IN 2016-17
**80.6% OF BUSINESS
R&D INVESTMENT**
WAS DEVOTED TO



**73.6% OF
PRIVATE SECTOR
R&D** WAS FOCUSED
ON THE FOLLOWING
RESEARCH FIELDS

ICT (21.0%)

ENGINEERING
SCIENCES (17.9%)



**36.0% OF ALL BUSINESS SECTOR
PERSONNEL ARE FEMALE,**
OF WHICH **321 HOLD PhD'S**



321

**16 STATE-OWNED
ENTITIES**
CONTRIBUTED

17.7%

OF TOTAL R&D
EXPENDITURE TO
PRIVATE SECTOR R&D

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>

This Fact Sheet was produced by CeSTII in October 2018.

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