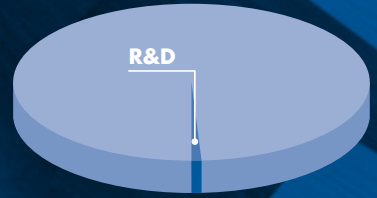


SOUTH AFRICAN NATIONAL
SURVEY OF RESEARCH
AND EXPERIMENTAL
DEVELOPMENT

BUSINESS
at a glance **2015/16**

FACT SHEET NO. 8

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

SINCE 2007/08 ON AVERAGE
83.8% 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**

9.0%

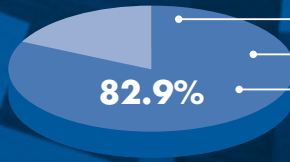
BETWEEN
2007/08 &
2015/16

BUSINESS R&D
SPEND IN 2015/16 WAS



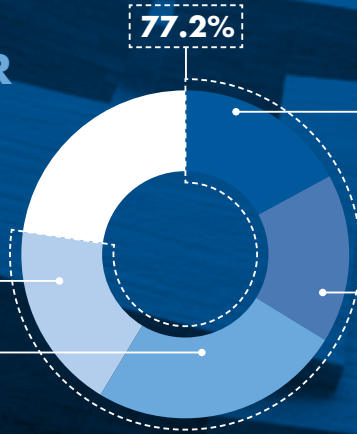
R 13.815
BILLION

IN 2015/16
82.9% OF **BUSINESS
R&D INVESTMENT**
WAS DEVOTED TO



NATURAL SCIENCES
TECHNOLOGY
**ENGINEERING
RESEARCH**

77.2% OF
**PRIVATE SECTOR
R&D** WAS FOCUSED
ON THE FOLLOWING
RESEARCH FIELDS



ICT (18.6%)

**ENGINEERING
SCIENCES (24.8%)**

**SOCIAL
SCIENCES
(17.1%)**

**MEDICAL &
HEALTH
SCIENCES
(16.7%)**

33.9% OF ALL **BUSINESS SECTOR
PERSONNEL** ARE **FEMALE**,
OF WHICH **207** HOLD **PhD'S**



207

18 **STATE OWNED
ENTITIES**
CONTRIBUTED



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>

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