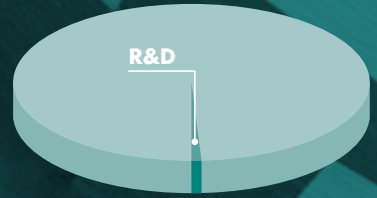


SOUTH AFRICAN NATIONAL
SURVEY OF RESEARCH
AND EXPERIMENTAL
DEVELOPMENT

NPO SECTOR
at a glance **2015/16**

FACT SHEET NO. 7

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

**NPO R&D
EXPENDITURE
GREW FROM**

**R 171
MILLION**
IN 2011/12

**R 891
MILLION**
IN 2015/16

→

IN 2015/16 FOREIGN
SOURCES ACCOUNTED
FOR **56.3%** OF NPO
SECTOR
FUNDING,



FOLLOWED
BY THE
GOVERNMENT
SECTOR,
CONTRIBUTING **18.1%**

R&D IN THE NPO SECTOR WAS FOCUSED WITHIN

**NATURAL SCIENCES,
TECHNOLOGY &
ENGINEERING (86.0%)**

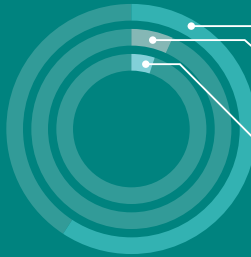


**SOCIAL SCIENCES
& HUMANITIES
(14.0%)**

69.0% OF **TOTAL NPO R&D SPEND** IN 2015/16 WAS ACCOUNTED FOR IN THE **MEDICAL & HEALTH SCIENCES**



BY SOCIO-ECONOMIC OBJECTIVES, THE **SECTORS** OF SOUTH AFRICAN SOCIETY **BENEFITING MOST FROM NPO RESEARCH** INCLUDE:

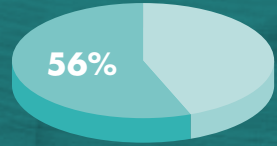


HEALTH (59.2%)

EDUCATION & TRAINING (6.7%)

SOCIAL DEVELOPMENT & COMMUNITY SERVICES (5%)

FEMALE PERSONNEL ACCOUNTED FOR **56%** OF THE **TOTAL NUMBER OF RESEARCHERS** IN THE **NPO SECTOR** IN 2015/16



6.3% OF ALL **FEMALE** NPO STAFF HAVE A **PHD**



WHITE (49.2%)



COLOURED (9.5%)

INDIAN-ASIAN (12.7%)

AFRICAN (28.6%)

BETWEEN 2012/13 AND 2015/16 AN AVERAGE OF

50.7%

OF NPO R&D SPEND

HAS BEEN INVESTED IN **TUBERCULOSIS (TB), HIV/AIDS & MALARIA RESEARCH**

R&D IN BIOTECHNOLOGY HAS INCREASED FROM

16.6%

IN 2014/15



17.8%

IN 2015/16

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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