

Science, Technology and Innovation

Budget summary

R million	2026/27				2027/28	2028/29
	Current payments	Transfers and subsidies	Payments for capital assets	Total	Total	Total
MTEF allocation						
Administration	419.4	20.7	21.8	461.8	482.0	500.6
Technology Innovation	86.2	1 602.1	–	1 688.2	1 757.7	1 814.6
International Cooperation and Resources	83.5	75.5	–	159.0	165.6	170.3
Research Development and Support	63.7	6 306.2	–	6 369.9	6 575.8	6 727.1
Socioeconomic Innovation Partnerships	69.3	1 691.3	–	1 760.6	1 834.4	1 908.0
Total expenditure estimates	722.0	9 695.8	21.8	10 439.6	10 815.4	11 120.5
Executive authority	Minister of Science, Technology and Innovation					
Accounting officer	Director-General of Science, Technology and Innovation					
Website	www.dst.gov.za					

The Estimates of National Expenditure is available at www.treasury.gov.za. Additional tables in Excel format can be found at www.treasury.gov.za and www.vulekamali.gov.za.

Vote purpose

Realise the full potential of science and technology in social and economic development by developing human resources, research and innovation.

Mandate

The Department of Science, Technology and Innovation derives its mandate from the 2019 White Paper on Science, Technology and Innovation, which introduces the concept of the national system of innovation as a set of interacting organisations and policies through which South Africa creates, acquires, diffuses and puts into practice new knowledge to help achieve individual and collective goals. A coordinated and efficient national system of innovation will help the country achieve its national development priorities by promoting change through innovation, and enable all South Africans to enjoy the economic, sociopolitical and intellectual benefits of science, technology and innovation.

Selected performance indicators

Table 35.1 Performance indicators by programme and related outcome

Indicator	Programme	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of technology-based enterprises given financial or non-financial support towards commercialising locally developed innovative solutions in the bioeconomy, space science, and hydrogen and energy sectors per year	Technology Innovation	Supportive and sustainable economic policy environment	– ¹	– ¹	– ¹	40	45	50	50
Number of technology demonstrations, prototypes, products and services per year	Technology Innovation		76	105	15	50	50	50	55
Number of new international initiatives strengthening the national, regional and continental innovation ecosystem per year	International Cooperation and Resources		– ¹	– ¹	– ¹	12	13	14	15
Number of new initiatives agreed with international partners to support historically disadvantaged institutions per year	International Cooperation and Resources		– ¹	– ¹	– ¹	9	10	10	10

Table 35.1 Performance indicators by programme and related outcome (continued)

Indicator	Programme	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of doctoral students awarded bursaries per year, as reflected in reports from the National Research Foundation and relevant entities	Research Development and Support	Skills for the economy	2 259	2 000	1 800	1 800	1 800	1 800	1 800
Number of pipeline postgraduate students (BTech, honours and masters) awarded bursaries per year, as reflected in reports from the National Research Foundation and relevant entities	Research Development and Support		4 745	4 000	3 600	3 600	3 600	3 600	3 600
Number of researchers awarded research grants per year through programmes managed by the National Research Foundation, as reflected in the foundation's project reports	Research Development and Support		3 321	3 200	2 500	2 500	2 450	2 450	2 450
Number of knowledge and innovation products added to the industrial development and green economy intellectual property portfolio per year through fully funded or co-funded research initiatives	Socioeconomic Innovation Partnerships	Economic transformation and equitable inclusion of women, youth and persons with disabilities for a just society	83	110	70	60	80	80	80

1. No historical data available.

Expenditure overview

In line with the policy imperatives of the 2019 White Paper on Science, Technology and Innovation and the 2022-2032 decadal plan on science, technology and innovation, over the medium term, the department will continue to focus on capacitating postgraduate students by providing support for research and development, advancing science missions with the potential for high developmental impact, and strengthening the national system of innovation.

Total expenditure is expected to increase at an average annual rate of 5.8 per cent, from R9.4 billion in 2025/26 to R11.1 billion in 2028/29. This is attributed to baseline increases amounting to R3 billion over the MTEF period for the Square Kilometre Array. Transfers and subsidies to the department's entities account for an estimated 92.8 per cent (R30 billion) of total expenditure over the period ahead. These funds are intended to support entities in carrying out various research and development projects, maintaining national research infrastructure and administering grants for scientific research. The department's second-largest cost driver is compensation of employees, spending on which is expected to increase at an average annual rate of 4.1 per cent, from R386.7 million in 2025/26 to R435.9 million in 2028/29.

Providing targeted postgraduate development, infrastructure investment and research support

As human capital, research infrastructure and research support are essential for advancing science and innovation, the department recognises that public funding plays a significant role in steering the national system of innovation to support national developmental priorities. As such, it intends to award 5 400 doctoral bursaries and 10 800 pipeline postgraduate scholarships at a projected cost of R4.9 billion over the period ahead, mainly through the National Research Foundation and the South African Research Chairs Initiative. The department will also provide support through increased investments in national research facilities to enable the South African research and innovation community to access appropriate and cutting-edge research infrastructure such as high-performance computing platforms, data storage and research networks. Guided by evidence and targeted public policy interventions, this expenditure is projected to amount to R2.9 billion over the MTEF period. Spending on these activities is within the *Human Capital and Science Promotions* and *Basic Science and Infrastructure* subprogrammes in the *Research Development and Support* programme.

Advancing science missions with maximum developmental impact

Guided by a multiwavelength astronomy strategy, South Africa has positioned itself as an important global player in astronomy by building the 64-dish MeerKAT radio telescope, securing the hosting of the mid-frequency array of the global Square Kilometre Array and hosting the Southern African Large Telescope. To support South

Africa's ambitions in the field of astronomy and complement the development and operation of astronomy instruments, R6.2 billion over the medium term is provided for the development of human capital, knowledge generation and targeted socioeconomic development interventions. This spending is within the *Astronomy* subprogramme in the *Research Development and Support* programme.

Similarly, strategies have been finalised in marine and Antarctic research, palaeosciences, and global change and biodiversity science. These strategies are intended to strengthen South Africa's contribution to global scientific programmes while addressing national development priorities. Over the medium term, they will be implemented through coordinated research programmes, participation in international science partnerships, targeted human capital development, and strengthened research platforms at universities and science councils, with a focus on climate resilience, ocean economy priorities, biodiversity management and earth system science. Accordingly, the department plans to strategically invest R828.8 million over the medium term in human capital, research infrastructure, knowledge generation, partnership projects and targeted socioeconomic development interventions. These include support for early-career researcher programmes and postgraduate training, ocean and earth system research platforms and science expeditions. These activities are carried out through the *Science Missions* subprogramme in the *Research Development and Support* programme.

Strengthening the long-term health and competitiveness of the national system of innovation

The science engagement strategy is a key policy instrument for strengthening the national system of innovation as it aims to improve the public's understanding of science, expand the pipeline of learners into science, technology and innovation careers, and strengthen linkages between researchers, communities and policy-makers to support evidence-informed decision-making. Accordingly, R325.5 million is allocated over the medium term to fund National Science Month and career exhibitions, and provide operational support for science centres. These activities are carried out through the *Human Capital and Science Promotions* subprogramme in the *Research Development and Support* programme.

An investment of R85 million over the MTEF period within the *National Intellectual Property Management Office* subprogramme in the *Technology Innovation* programme is directed towards advancing indigenous knowledge systems. This includes the protection, promotion, development and management of indigenous knowledge, as set out in the Indigenous Knowledge Systems Act (2019) through the finalisation and operationalisation of regulations; alignment with relevant international intellectual property and related global treaties that protect traditional knowledge and associated genetic resources; establishment of indigenous knowledge registration and protection systems; removal of key regulatory bottlenecks; and skills development initiatives, including recognition of prior learning, to support participation by indigenous knowledge holders in the formal innovation system.

Expenditure trends and estimates

Table 35.2 Vote expenditure trends by programme and economic classification¹

Programmes											
1. Administration											
2. Technology Innovation											
3. International Cooperation and Resources											
4. Research Development and Support											
5. Socioeconomic Innovation Partnerships											
Programme	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
R million	2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26		2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
Programme 1	336.1	399.2	398.5	445.3	9.8%	4.1%	461.8	482.0	500.6	4.0%	4.5%
Programme 2	1 890.6	2 441.7	1 553.3	1 940.1	0.9%	20.6%	1 688.2	1 757.7	1 814.6	-2.2%	16.2%
Programme 3	161.3	144.5	138.7	152.8	-1.8%	1.6%	159.0	165.6	170.3	3.7%	1.5%
Programme 4	4 981.2	5 763.2	5 363.7	5 149.9	1.1%	55.8%	6 369.9	6 575.8	6 727.1	9.3%	60.8%
Programme 5	1 751.7	1 723.5	1 618.6	1 709.6	-0.8%	17.9%	1 760.6	1 834.4	1 908.0	3.7%	17.0%
Subtotal	9 120.9	10 472.1	9 072.7	9 397.7	1.0%	100.0%	10 439.6	10 815.4	11 120.5	5.8%	100.0%
Total	9 120.9	10 472.1	9 072.7	9 397.7	1.0%	100.0%	10 439.6	10 815.4	11 120.5	5.8%	100.0%
Change to 2025 Budget estimate							956.0	903.0	763.1		

Table 35.2 Vote expenditure trends by programme and economic classification¹ (continued)

Economic classification	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Current payments	559.7	648.3	628.4	695.5	7.5%	6.7%	722.0	755.6	783.7	4.1%	7.0%
Compensation of employees	340.5	367.3	374.3	386.7	4.3%	3.9%	404.4	422.7	435.9	4.1%	3.9%
Goods and services ¹	219.2	281.0	254.1	308.8	12.1%	2.8%	317.6	332.9	347.9	4.1%	3.1%
of which:											
Computer services	28.3	41.3	48.1	24.4	-4.8%	0.4%	16.1	25.0	26.2	2.3%	0.2%
Consultants: Business and advisory services	19.5	16.4	17.1	30.0	15.4%	0.2%	32.2	31.6	33.0	3.3%	0.3%
Agency and support/outsourced services	16.0	11.7	12.9	17.9	3.7%	0.2%	18.7	19.6	20.4	4.5%	0.2%
Property payments	13.4	27.0	18.8	57.0	62.1%	0.3%	64.6	62.5	65.3	4.6%	0.6%
Travel and subsistence	60.2	89.2	71.4	75.0	7.6%	0.8%	68.3	71.3	74.5	-0.2%	0.7%
Venues and facilities	17.5	19.4	6.4	12.8	-9.9%	0.1%	17.6	18.4	19.2	14.4%	0.2%
Transfers and subsidies¹	8 550.0	9 811.0	8 428.2	8 681.5	0.5%	93.2%	9 695.8	10 037.5	10 313.5	5.9%	92.8%
Departmental agencies and accounts	5 919.9	7 136.2	5 929.4	6 738.6	4.4%	67.6%	7 669.0	7 931.2	8 135.6	6.5%	73.3%
Higher education institutions	255.8	343.4	335.0	-	-100.0%	2.5%	-	-	-	0.0%	0.0%
Public corporations and private enterprises	2 143.3	1 972.7	1 800.5	1 570.0	-9.9%	19.7%	1 640.6	1 709.0	1 771.6	4.1%	15.8%
Non-profit institutions	229.9	356.2	360.8	372.9	17.5%	3.5%	383.3	397.3	406.3	2.9%	3.7%
Households	1.1	2.5	2.6	-	-100.0%	0.0%	2.9	-	-	0.0%	0.0%
Payments for capital assets	11.2	12.7	16.1	20.8	23.1%	0.2%	21.8	22.3	23.3	3.8%	0.2%
Machinery and equipment	11.2	12.7	16.1	20.8	23.1%	0.2%	21.8	22.3	23.3	3.8%	0.2%
Payments for financial assets	0.0	0.1	0.0	-	-100.0%	0.0%	-	-	-	0.0%	0.0%
Total	9 120.9	10 472.1	9 072.7	9 397.7	1.0%	100.0%	10 439.6	10 815.4	11 120.5	5.8%	100.0%

1. Tables with expenditure trends, annual budget, adjusted appropriation and audited outcome are available at www.treasury.gov.za and www.vulekamali.gov.za.

Transfers and subsidies expenditure trends and estimates

Table 35.3 Vote transfers and subsidies trends and estimates

	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R thousand											
Households											
Social benefits											
Current	1 086	1 584	1 624	-	-100.0%	-	-	-	-	-	-
Households	1 086	1 584	1 624	-	-100.0%	-	-	-	-	-	-
Other transfers to households											
Current	-	917	105	-	-	-	-	-	-	-	-
Households	-	97	105	-	-	-	-	-	-	-	-
National Research Foundation: Human resources development for science and engineering	-	820	-	-	-	-	-	-	-	-	-
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	4 480 951	4 946 613	4 355 219	4 845 393	2.6%	52.5%	4 770 037	4 962 784	5 117 760	1.8%	49.5%
Various institutions: Institutional and programme support research	-	-	4 000	-	-	-	-	-	-	-	-
Various institutions: Biofuels research	-	9 401	-	-	-	-	-	-	-	-	-
Various institutions: Technology transfer offices: Support of research units	3 408	625	-	-	-100.0%	-	-	-	-	-	-
Various institutions: Implementation of bioeconomy strategy	41 197	31 081	-	-	-100.0%	0.2%	-	-	-	-	-
Various institutions: Energy grand challenge research	181 550	43 912	31 947	17 665	-54.0%	0.8%	14 427	14 955	15 292	-4.7%	0.1%
Various institutions: Health innovation research	119 131	54 000	-	-	-100.0%	0.5%	-	-	-	-	-
Various institutions: HIV and AIDS prevention and treatment technologies research	-	31 139	32 537	33 995	-	0.3%	35 259	36 549	37 373	3.2%	0.4%
Various institutions: Hydrogen strategy research	-	43 797	-	-	-	0.1%	-	-	-	-	-
Various institutions: Innovation projects research	6 000	187 550	272 148	378 372	298.0%	2.4%	395 256	358 931	367 019	-1.0%	3.7%

Table 35.3 Vote transfers and subsidies trends and estimates (continued)

R thousand	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Various institutions: Space science research: Economic competitiveness and support package	103 910	2 977	24 985	37 200	-29.0%	0.5%	26 176	27 133	27 745	-9.3%	0.3%
Various institutions: Indigenous knowledge systems	–	399	–	–	–	–	–	–	–	–	–
Technology Innovation Agency	569 370	459 431	432 715	420 045	-9.6%	5.3%	458 756	531 762	555 633	9.8%	5.2%
South African National Space Agency	162 439	162 854	153 347	166 577	0.8%	1.8%	180 158	188 305	196 758	5.7%	1.9%
National Research Foundation: Research and development in indigenous knowledge systems	–	–	57 083	57 415	–	0.3%	57 280	59 375	60 712	1.9%	0.6%
Various institutions: Space science research: Space Infrastructure Hub	–	592 000	16 200	324 100	–	2.6%	–	–	–	-100.0%	–
National Research Foundation: Bilateral cooperation for global science development	13 110	2 170	6 513	8 364	-13.9%	0.1%	8 673	8 990	9 192	3.2%	0.1%
Various institutions: Global science: International multilateral agreements	24 122	18 116	16 744	–	-100.0%	0.2%	–	–	–	–	–
Various institutions: Global science: African multilateral agreements	5 594	2 000	7 372	–	-100.0%	–	–	–	–	–	–
Academy of Science of South Africa	41 539	33 970	31 946	33 377	-7.0%	0.4%	34 906	36 484	38 122	4.5%	0.4%
Various institutions: Astronomy research and development	36 635	36 481	38 051	39 266	2.3%	0.4%	40 285	41 757	42 698	2.8%	0.4%
Various institutions: Policy development on human and social development dynamics	37 944	36 490	35 821	36 781	-1.0%	0.4%	38 118	39 513	40 403	3.2%	0.4%
National Research Foundation: Human resources development for science and engineering	922 296	960 856	879 536	938 929	0.6%	10.4%	953 644	988 417	1 010 408	2.5%	9.8%
National Research Foundation: Human resources development for science and engineering: Economic competitiveness and support package	19 104	–	20 039	20 937	3.1%	0.2%	21 716	22 510	23 017	3.2%	0.2%
National Research Foundation	997 408	951 230	941 446	983 623	-0.5%	10.9%	1 028 666	1 075 183	1 123 449	4.5%	10.8%
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	80 763	74 466	91 368	89 435	3.5%	0.9%	104 737	108 330	110 771	7.4%	1.1%
National Research Foundation: South African research chairs initiative to develop human resources in science	602 902	605 218	565 558	572 477	-1.7%	6.6%	593 648	615 357	629 225	3.2%	6.1%
Various institutions: Strategic science platforms for research and development	79 000	196 975	221 138	179 187	31.4%	1.9%	250 302	259 455	265 302	14.0%	2.6%
Various institutions: Innovative research and development	15 034	27 619	49 119	51 450	50.7%	0.4%	53 496	55 492	57 579	3.8%	0.6%
Human Sciences Research Council	325 098	322 332	300 635	311 119	-1.5%	3.5%	325 686	340 414	347 406	3.7%	3.4%
Various institutions: Local manufacturing capacity research and technical support	67 618	42 888	71 831	77 293	4.6%	0.7%	78 449	80 898	83 939	2.8%	0.8%
Various institutions: Local systems of innovation for the cold chain technologies project	–	–	2 938	15 242	–	0.1%	15 809	16 387	17 003	3.7%	0.2%
Human Science Research Council: Develop and monitor science and technology indicators	12 142	13 526	14 318	15 049	7.4%	0.2%	15 700	16 274	16 886	3.9%	0.2%
Various institutions: Environmental innovation	13 637	3 110	35 884	37 495	40.1%	0.3%	38 890	40 313	41 828	3.7%	0.4%
Capital	1 438 904	2 189 605	2 195 295	1 893 203	9.6%	21.8%	2 898 939	2 968 384	3 012 742	16.7%	29.6%
Various institutions: Hydrogen strategy (capital)	–	87 810	–	–	–	0.2%	–	–	–	–	–
Various institutions: Infrastructure projects for research and development	343 688	392 488	844 878	896 891	37.7%	7.0%	917 420	950 971	972 401	2.7%	9.5%
National Research Foundation: Square Kilometre Array: Capital contribution to research	1 095 216	1 709 307	1 350 417	996 312	-3.1%	14.5%	1 981 519	2 017 413	2 040 341	27.0%	20.1%

Table 35.3 Vote transfers and subsidies trends and estimates (continued)

	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R thousand											
Public corporations and private enterprises											
Subsidies on products and production											
Current	1 002 269	971 432	938 394	971 117	-1.0%	10.9%	1 016 585	1 062 556	1 084 382	3.7%	10.5%
Council for Scientific and Industrial Research	1 002 269	971 432	938 394	971 117	-1.0%	10.9%	1 016 585	1 062 556	1 084 382	3.7%	10.5%
Other transfers to public corporations											
Current	504 708	710 699	286 568	297 138	-16.2%	5.1%	294 913	305 288	314 734	1.9%	3.0%
Various institutions: Technology transfer offices: Support of research units	7 324	5 753	-	-	-100.0%	-	-	-	-	-	-
Various institutions: Implementation of bioeconomy strategy	12 728	10 772	-	-	-100.0%	0.1%	-	-	-	-	-
Various institutions: Health innovation research	-	1 150	-	-	-	-	-	-	-	-	-
Various institutions: Indigenous knowledge systems	60 000	-	-	-	-100.0%	0.2%	-	-	-	-	-
Various institutions: Innovation projects research	-	148 555	-	-	-	0.4%	-	-	-	-	-
Various institutions: Space science research: Economic competitiveness and support package	4 804	24 284	-	-	-100.0%	0.1%	-	-	-	-	-
Various institutions: Emerging research areas	135 792	83 000	120 600	131 236	-1.1%	1.3%	136 118	141 096	144 275	3.2%	1.4%
Various institutions: Space science research: Space Infrastructure Hub	-	88 000	-	-	-	0.2%	-	-	-	-	-
National Research Foundation: Bilateral cooperation for global science development	-	4 300	-	-	-	-	-	-	-	-	-
Various institutions: Global science: International multilateral agreements	1 371	5 260	13 808	-	-100.0%	0.1%	-	-	-	-	-
Various institutions: Global science: African multilateral agreements	-	1 000	1 741	-	-	-	-	-	-	-	-
National Research Foundation: Human resources development for science and engineering	-	44 700	-	-	-	0.1%	-	-	-	-	-
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	44 700	15 012	-	-	-100.0%	0.2%	-	-	-	-	-
Various institutions: Strategic science platforms for research and development	-	4 000	-	-	-	-	-	-	-	-	-
The South African Council for Natural Scientific Professions	-	-	-	-	-	-	12 075	12 618	13 186	-	0.1%
Various institutions: Advanced manufacturing technology strategy implementation	-	37 700	32 345	34 292	-	0.3%	34 010	35 654	36 995	2.6%	0.4%
Various institutions: Innovative research and development	2 000	13 000	-	-	-100.0%	-	-	-	-	-	-
Various institutions: ICT	42 929	42 494	27 804	35 546	-6.1%	0.4%	19 043	19 739	20 481	-16.8%	0.2%
Various institutions: Local manufacturing capacity research and technical support	-	39 985	-	-	-	0.1%	-	-	-	-	-
Council for Scientific and Industrial Research: Mining research and development	151 865	65 323	58 957	58 000	-27.4%	0.9%	59 506	61 227	63 529	3.1%	0.6%
Various institutions: Local systems of innovation for the cold chain technologies project	-	15 513	-	-	-	-	-	-	-	-	-
Various institutions: Resource-based industries research and development	22 055	35 868	31 313	38 064	20.0%	0.4%	34 161	34 954	36 268	-1.6%	0.4%
Various institutions: Environmental innovation	19 140	25 030	-	-	-100.0%	0.1%	-	-	-	-	-
Capital	331 475	289 188	282 808	301 719	-3.1%	3.4%	329 124	341 160	348 848	5.0%	3.4%
Council for Scientific and Industrial Research: Cyberinfrastructure research and development	211 439	244 188	282 808	301 719	12.6%	2.9%	329 124	341 160	348 848	5.0%	3.4%
Various institutions: Infrastructure projects for research and development	120 036	45 000	-	-	-100.0%	0.5%	-	-	-	-	-

Table 35.3 Vote transfers and subsidies trends and estimates (continued)

	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R thousand											
Other transfers to private enterprises											
Current	304 867	1 378	124	–	-100.0%	0.9%	–	–	–	–	–
Various institutions: Health innovation research	2 500	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Innovation projects research	300 000	–	–	–	-100.0%	0.8%	–	–	–	–	–
Various institutions: Indigenous knowledge systems	–	1 000	–	–	–	–	–	–	–	–	–
National Research Foundation: Bilateral cooperation for global science development	397	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Global science: International multilateral agreements	1 744	54	124	–	-100.0%	–	–	–	–	–	–
Various institutions: Advanced manufacturing technology strategy implementation	226	300	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Local manufacturing capacity research and technical support	–	24	–	–	–	–	–	–	–	–	–
Non-profit institutions											
Current	93 246	188 467	275 830	277 030	43.8%	2.4%	283 893	294 272	300 905	2.8%	2.9%
Various institutions: Institutional and programme support research	9 554	6 571	4 419	17 168	21.6%	0.1%	17 807	18 458	18 874	3.2%	0.2%
Various institutions: Biofuels research	–	–	9 823	10 263	–	0.1%	10 645	11 034	11 283	3.2%	0.1%
Various institutions: Technology transfer offices: Support of research units	–	400	–	–	–	–	–	–	–	–	–
Various institutions: Implementation of the bioeconomy strategy	–	2 056	66 318	48 782	–	0.3%	50 597	52 447	53 629	3.2%	0.5%
Various institutions: Health innovation research	–	–	69 525	25 260	–	0.3%	22 832	23 666	24 200	-1.4%	0.2%
Various institutions: Hydrogen strategy research	–	–	45 764	47 814	–	0.3%	49 593	51 407	52 565	3.2%	0.5%
Various institutions: Innovation projects research	6 133	112 793	–	–	-100.0%	0.3%	–	–	–	–	–
International Centre for Genetic Engineering and Biotechnology	17 972	14 570	17 373	18 151	0.3%	0.2%	18 827	19 515	19 955	3.2%	0.2%
Various institutions: Space science research: Economic competitiveness and support package	–	2 000	–	–	–	–	–	–	–	–	–
Various institutions: Technology transfer offices: Support for research units	1 240	–	47 449	45 000	231.1%	0.3%	46 725	48 433	49 525	3.2%	0.5%
Various institutions: Indigenous knowledge systems	650	–	–	–	-100.0%	–	–	–	–	–	–
National Research Foundation: Bilateral cooperation for global science development	2 000	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Global science: International multilateral agreements	7 422	11 470	13 819	52 791	92.3%	0.2%	54 627	56 624	57 900	3.1%	0.6%
Various institutions: Global science: African multilateral agreements	2 748	3 737	1 340	11 801	62.5%	0.1%	12 240	12 688	12 974	3.2%	0.1%
Various institutions: Astronomy research and development	5 080	5 305	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Policy development on human and social development dynamics	–	1 600	–	–	–	–	–	–	–	–	–
National Research Foundation: Human resources development for science and engineering	6 572	10 792	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	8 394	2 553	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Strategic science platforms for research and development	1 400	1 400	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Innovative research and development	22 881	9 165	–	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: ICT	–	600	–	–	–	–	–	–	–	–	–
Human Science Research Council: Develop and monitor science and technology indicators	–	2 000	–	–	–	–	–	–	–	–	–
Various institutions: Environmental innovation	1 200	1 455	–	–	-100.0%	–	–	–	–	–	–

Table 35.3 Vote transfers and subsidies trends and estimates (continued)

	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R thousand											
Capital	136 688	167 754	91 753	95 864	-11.2%	1.4%	99 431	103 067	105 390	3.2%	1.0%
Various institutions: Hydrogen strategy (capital)	–	–	91 753	95 864	–	0.5%	99 431	103 067	105 390	3.2%	1.0%
Various institutions: Infrastructure projects for research and development	136 688	167 754	–	–	-100.0%	0.9%	–	–	–	–	–
Higher education institutions											
Higher education institutions											
Current	156 543	205 824	500	–	-100.0%	1.0%	–	–	–	–	–
Various institutions: Institutional and programme support research	4 596	1 250	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Technology transfer offices: Support of research units	32 100	37 306	–	–	-100.0%	0.2%	–	–	–	–	–
Various institutions: Implementation of the bioeconomy strategy	–	244	–	–	–	–	–	–	–	–	–
Various institutions: Health innovation research	1 000	–	–	–	-100.0%	–	–	–	–	–	–
International Centre for Genetic Engineering and Biotechnology	–	13 694	–	–	–	–	–	–	–	–	–
Various institutions: Space science research: Economic competitiveness and support package	9 373	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Indigenous knowledge systems	34 444	30 393	–	–	-100.0%	0.2%	–	–	–	–	–
Various institutions: Emerging research areas	21 500	25 700	–	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: Space science research: Space Infrastructure Hub	–	60 000	–	–	–	0.2%	–	–	–	–	–
National Research Foundation: Bilateral cooperation for global science development	1 570	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Global science: International multilateral agreements	13 922	12 082	–	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: Global science: African multilateral agreements	2 426	1 124	500	–	-100.0%	–	–	–	–	–	–
Various institutions: Astronomy research and development	–	90	–	–	–	–	–	–	–	–	–
National Research Foundation: Human resources development for science and engineering	16 000	1 000	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	–	1 831	–	–	–	–	–	–	–	–	–
Various institutions: Strategic science platforms for research and development	16 750	20 700	–	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: Innovative research and development	2 862	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Resource-based industries research and development	–	410	–	–	–	–	–	–	–	–	–
Capital	99 284	137 529	–	–	-100.0%	0.7%	–	–	–	–	–
Various institutions: Infrastructure projects for research and development	99 284	137 529	–	–	-100.0%	0.7%	–	–	–	–	–
Total	8 550 022	9 810 990	8 428 220	8 681 464	0.5%	100.0%	9 692 922	10 037 511	10 284 761	5.8%	100.0%

Personnel information

Table 35.4 Vote personnel numbers and cost by salary level and programme¹

Number of posts estimated for 31 March 2026		Number and cost ² of personnel posts filled/planned for on funded establishment															Average growth rate (%)	Average: Salary level/ Total (%)			
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate													
		2024/25		2025/26		2026/27		2027/28		2028/29		2025/26 - 2028/29	2026/27 - 2028/29								
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost					
Science, Technology and Innovation		500	–	–	382	374.3	1.0	377	386.7	1.0	376	404.4	1.1	374	422.7	1.1	362	435.9	1.2	-1.4%	100.0%
Salary level	500	–	–	–	382	374.3	1.0	377	386.7	1.0	376	404.4	1.1	374	422.7	1.1	362	435.9	1.2	-1.4%	100.0%
1 – 6	77	–	–	–	43	16.1	0.4	44	17.3	0.4	44	18.2	0.4	44	19.2	0.4	44	20.2	0.5	0.0%	11.8%
7 – 10	143	–	–	–	126	89.2	0.7	122	92.6	0.8	122	97.1	0.8	122	101.8	0.8	109	97.5	0.9	-3.8%	31.7%
11 – 12	151	–	–	–	120	124.6	1.0	128	139.7	1.1	128	146.6	1.1	128	154.6	1.2	128	163.1	1.3	-0.1%	34.5%
13 – 16	125	–	–	–	91	139.2	1.5	81	131.8	1.6	80	137.4	1.7	79	142.1	1.8	79	149.9	1.9	-0.8%	21.5%
Other	4	–	–	–	2	5.2	2.6	2	5.2	2.6	2	5.2	2.6	2	5.2	2.6	2	5.2	2.6	-0.0%	0.5%
Programme	500	–	–	–	382	374.3	1.0	377	386.7	1.0	376	404.4	1.1	374	422.7	1.1	362	435.9	1.2	-1.4%	100.0%
Programme 1	252	–	–	–	206	175.1	0.9	196	172.9	0.9	196	180.8	0.9	195	189.0	1.0	189	194.8	1.0	-1.2%	52.3%
Programme 2	62	–	–	–	44	49.7	1.1	51	58.7	1.2	50	61.4	1.2	50	64.2	1.3	48	66.2	1.4	-1.7%	13.4%
Programme 3	69	–	–	–	47	57.4	1.2	47	60.5	1.3	47	63.3	1.4	47	66.2	1.4	45	68.2	1.5	-1.5%	12.4%
Programme 4	55	–	–	–	43	46.9	1.1	39	44.2	1.1	39	46.2	1.2	39	48.3	1.2	37	49.8	1.3	-1.6%	10.4%
Programme 5	62	–	–	–	42	45.2	1.1	44	50.4	1.1	44	52.7	1.2	43	55.1	1.3	42	56.8	1.4	-1.7%	11.6%

1. Data has been provided by the department and may not necessarily reconcile with official government personnel data.

2. Rand million.

Departmental receipts

Table 35.5 Departmental receipts by economic classification

	Audited outcome			Adjusted estimate	Revised estimate	Average growth rate (%)	Average: Receipt item/ Total (%)	Medium-term receipts estimate			Average growth rate (%)	Average: Receipt item/ Total (%)	
	2022/23	2023/24	2024/25					2025/26	2026/27	2027/28			2028/29
R thousand													
Departmental receipts	688	6 438	5 361	883	883	8.7%	100.0%	833	866	908	0.9%	100.0%	
Sales of goods and services produced by department	70	76	76	60	60	-5.0%	2.1%	60	62	65	2.7%	7.2%	
Other sales of which:	70	76	76	60	60	-5.0%	2.1%	60	62	65	2.7%	7.2%	
Services rendered: Commission on insurance	70	76	76	60	60	-5.0%	2.1%	60	62	65	2.7%	7.2%	
Sales of scrap, waste, arms and other used current goods	6	4	2	–	–	-100.0%	0.1%	3	3	3	–	0.3%	
of which: Sales: Scrap, waste and other goods	6	4	2	–	–	-100.0%	0.1%	3	3	3	–	0.3%	
Interest, dividends and rent on land	30	57	46	45	45	14.5%	1.3%	20	21	21	-22.4%	2.4%	
Interest	30	57	46	45	45	14.5%	1.3%	20	21	21	-22.4%	2.4%	
Sales of capital assets	–	407	–	–	–	–	3.0%	–	–	–	–	–	
Transactions in financial assets and liabilities	582	5 894	5 237	778	778	10.2%	93.4%	750	780	819	1.7%	90.1%	
Total	688	6 438	5 361	883	883	8.7%	100.0%	833	866	908	0.9%	100.0%	

Programme 1: Administration

Programme purpose

Provide strategic leadership, management and support services to the department.

Expenditure trends and estimates

Table 35.6 Administration expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Ministry	2.8	2.8	2.9	6.3	31.2%	0.9%	6.6	6.9	7.1	4.1%	1.4%
Institutional Planning and Support	165.9	191.3	189.1	181.8	3.1%	46.1%	179.3	187.1	193.9	2.2%	38.8%
Corporate Services	159.3	185.2	192.7	251.0	16.4%	49.9%	269.4	281.2	292.5	5.2%	58.4%
Office Accommodation	8.1	19.9	13.8	6.2	-8.2%	3.0%	6.5	6.8	7.1	4.5%	1.4%
Total	336.1	399.2	398.5	445.3	9.8%	100.0%	461.8	482.0	500.6	4.0%	100.0%
Change to 2025 Budget estimate				-			2.7	(0.3)	(3.3)		
Economic classification											
Current payments	310.2	377.7	372.9	407.4	9.5%	93.0%	419.4	441.2	458.4	4.0%	91.3%
Compensation of employees	158.9	175.6	175.1	172.9	2.9%	43.2%	180.8	189.0	194.8	4.1%	39.1%
Goods and services	151.3	202.0	197.8	234.5	15.7%	49.7%	238.6	252.2	263.6	4.0%	52.2%
of which:											
Advertising	23.3	21.4	19.4	13.2	-17.3%	4.9%	14.1	14.7	15.4	5.3%	3.1%
Computer services	28.3	41.2	48.1	23.9	-5.5%	9.0%	15.5	24.5	25.6	2.2%	4.5%
Consultants: Business and advisory services	14.2	11.5	11.8	18.9	9.9%	3.6%	19.2	19.9	20.8	3.3%	4.2%
Operating leases	3.5	2.6	4.6	12.6	53.7%	1.5%	13.2	13.8	14.4	4.5%	2.9%
Property payments	13.4	27.0	18.8	55.9	61.1%	7.3%	63.5	61.3	64.1	4.6%	13.1%
Travel and subsistence	29.3	50.9	41.6	50.1	19.6%	10.9%	42.2	44.1	46.1	-2.7%	9.2%
Transfers and subsidies	14.7	8.8	9.5	17.2	5.2%	3.2%	20.7	18.5	18.9	3.2%	4.0%
Departmental agencies and accounts	-	-	4.0	-	-	0.3%	-	-	-	-	-
Higher education institutions	4.6	1.3	-	-	-100.0%	0.4%	-	-	-	-	-
Non-profit institutions	9.6	6.6	4.4	17.2	21.6%	2.4%	17.8	18.5	18.9	3.2%	3.8%
Households	0.6	0.9	1.1	-	-100.0%	0.2%	2.9	-	-	-	0.2%
Payments for capital assets	11.2	12.7	16.1	20.8	23.1%	3.8%	21.8	22.3	23.3	3.8%	4.7%
Machinery and equipment	11.2	12.7	16.1	20.8	23.1%	3.8%	21.8	22.3	23.3	3.8%	4.7%
Payments for financial assets	0.0	0.1	0.0	-	-100.0%	0.0%	-	-	-	-	-
Total	336.1	399.2	398.5	445.3	9.8%	100.0%	461.8	482.0	500.6	4.0%	100.0%
Proportion of total programme expenditure to vote expenditure	3.7%	3.8%	4.4%	4.7%	-	-	4.4%	4.5%	4.5%	-	-
Details of transfers and subsidies											
Households											
Social benefits											
Current	0.6	0.9	1.1	-	-100.0%	0.2%	2.9	-	-	-	0.2%
Households	0.6	0.9	1.1	-	-100.0%	0.2%	-	-	-	-	-
Early retirement and voluntary exit programmes	-	-	-	-	-	-	2.9	-	-	-	0.2%
Other transfers to households											
Current	-	0.0	-	-	-	-	-	-	-	-	-
Households	-	0.0	-	-	-	-	-	-	-	-	-
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	-	-	4.0	-	-	0.3%	-	-	-	-	-
Various institutions: Institutional and programme support research	-	-	4.0	-	-	0.3%	-	-	-	-	-
Non-profit institutions											
Current	9.6	6.6	4.4	17.2	21.6%	2.4%	17.8	18.5	18.9	3.2%	3.8%
Various institutions: Institutional and programme support research	9.6	6.6	4.4	17.2	21.6%	2.4%	17.8	18.5	18.9	3.2%	3.8%
Higher education institutions											
Higher education institutions											
Current	4.6	1.3	-	-	-100.0%	0.4%	-	-	-	-	-
Various institutions: Institutional and programme support research	4.6	1.3	-	-	-100.0%	0.4%	-	-	-	-	-

Personnel information

Table 35.7 Administration personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2026		Number and cost ² of personnel posts filled/planned for on funded establishment												Average growth rate (%)	Average: Salary level/ Total (%)				
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate											
		2024/25			2025/26			2026/27		2027/28		2028/29		2025/26 - 2028/29	2026/27 - 2028/29				
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Administration																			
Salary level	252	–	206	175.1	0.9	196	172.9	0.9	196	180.8	0.9	195	189.0	1.0	189	194.8	1.0	-1.2%	100.0%
1 – 6	57	–	32	10.8	0.3	33	11.7	0.4	33	12.3	0.4	33	12.9	0.4	33	13.6	0.4	0.0%	16.8%
7 – 10	86	–	86	54.0	0.6	81	53.6	0.7	81	56.3	0.7	81	59.4	0.7	75	58.4	0.8	-2.5%	40.6%
11 – 12	58	–	47	47.8	1.0	48	51.1	1.1	48	53.7	1.1	48	56.6	1.2	48	59.8	1.2	–	24.8%
13 – 16	47	–	39	57.4	1.5	33	51.3	1.6	33	53.3	1.6	32	54.9	1.7	32	57.9	1.8	-0.9%	16.7%
Other	4	–	2	5.2	2.6	2	5.2	2.6	2	5.2	2.6	2	5.2	2.6	2	5.2	2.6	–	1.0%

1. Data has been provided by the department and may not necessarily reconcile with official government personnel data.

2. Rand million.

Programme 2: Technology Innovation

Programme purpose

Promote technology development and the protection and use of publicly funded intellectual property for innovation with socioeconomic impact.

Objectives

- Facilitate and make strategic investments in space science and technology, energy, the bioeconomy, nanotechnology, robotics, photonics, indigenous knowledge systems, intellectual property management, technology transfer and technology commercialisation over the medium term by:
 - developing and/or maintaining 12 decision-support interventions, including strategies, tools and systems designed to help policy-makers, researchers and organisations make informed choices about scientific research, technological development and innovation policies intended to improve service delivery
 - conducting 9 outreach, awareness and training programmes in space science
 - supporting 60 venture capital firms to enhance the spatial diversity of youth-led, technology-based enterprises through the Innovation Fund.

Subprogrammes

- Space Science* supports the creation of an environment conducive to the implementation of the national space strategy and the South African earth observation strategy, and addresses the development of space technologies, innovative solutions and human capital to respond to the national priority of socioeconomic development. This subprogramme also oversees the South African National Space Agency.
- Hydrogen and Energy* supports a reduction in greenhouse gas emissions and air pollution, contributing to a more diverse and sustainable energy mix by enabling the widespread commercialisation of battery, fuel cell and net-zero carbon technologies based on publicly funded intellectual property rights; and supports the penetration of clean and alternative energy technologies through research, development and validation efforts. Activities carried out through this subprogramme are intended to make these technologies competitive in terms of cost and performance while fostering strategic partnerships with the public and private sectors to reduce the institutional and market barriers to their commercialisation.
- Bio-innovation* leads the implementation of the national bioeconomy strategy approved by Cabinet in 2013 to ensure that the bioeconomy makes a significant contribution to South Africa's economy.
- Innovation Priorities and Instruments* focuses on innovation instruments and emerging and convergent technological innovation platforms; drives strategic policy instruments targeted at supporting business innovation and innovation supplier programmes such as those related to the Innovation Bridge Portal and

Design Innovation Seed Fund; and supports the development of innovation and entrepreneurial skills in partnership with entities such as Technological Higher Education Network South Africa and the top 100 technology companies.

- *National Intellectual Property Management Office* ensures that intellectual property from publicly financed research and development is identified, protected, used and commercialised for the social, economic, military or any other benefit of the people of South Africa.
- *Office of the Deputy Director-General: Technology Innovation* provides management and administrative support to the programme and the deputy director-general.

Expenditure trends and estimates

Table 35.8 Technology Innovation expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2026/27	2027/28		
R million					2022/23 - 2025/26					2025/26 - 2028/29	2026/27 - 2028/29
Space Science	289.3	950.5	205.3	544.2	23.4%	25.4%	223.4	233.2	242.9	-23.6%	13.3%
Hydrogen and Energy	253.8	198.3	188.7	185.1	-10.0%	10.6%	188.2	195.2	199.8	2.6%	11.1%
Bio-innovation	245.9	208.3	261.4	205.9	-5.7%	11.8%	208.2	216.0	221.1	2.4%	12.3%
Innovation Priorities and Instruments	1 045.8	1 025.5	832.8	941.4	-3.4%	49.1%	1 002.4	1 044.6	1 080.2	4.7%	59.4%
National Intellectual Property Management Office	54.0	54.6	59.9	58.2	2.6%	2.9%	60.6	62.9	64.5	3.5%	3.6%
Office of the Deputy Director-General: Technology Innovation	1.7	4.5	5.2	5.3	45.5%	0.2%	5.6	5.8	6.0	4.2%	0.3%
Total	1 890.6	2 441.7	1 553.3	1 940.1	0.9%	100.0%	1 688.2	1 757.7	1 814.6	-2.2%	100.0%
Change to 2025 Budget estimate				-			(8.0)	(15.8)	(38.6)		
Economic classification											
Current payments	55.9	72.9	63.6	82.4	13.8%	3.5%	86.2	90.0	93.2	4.2%	5.1%
Compensation of employees	43.8	46.6	49.7	58.7	10.3%	2.5%	61.4	64.2	66.2	4.1%	3.6%
Goods and services	12.1	26.3	13.9	23.6	25.0%	1.0%	24.7	25.8	27.0	4.5%	1.5%
<i>of which:</i>											
<i>Communication</i>	1.1	1.6	1.8	1.2	3.4%	0.1%	1.3	1.3	1.4	4.5%	0.1%
<i>Consultants: Business and advisory services</i>	0.1	1.0	1.3	2.1	212.8%	0.1%	2.1	2.2	2.3	4.6%	0.1%
<i>Agency and support/outsourced services</i>	1.8	2.2	2.0	7.7	61.5%	0.2%	8.0	8.4	8.8	4.5%	0.5%
<i>Entertainment</i>	0.0	0.0	0.0	2.1	1182.0%	0.0%	2.2	2.3	2.4	4.5%	0.1%
<i>Travel and subsistence</i>	7.3	10.7	7.4	5.5	-9.0%	0.4%	5.8	6.0	6.3	4.5%	0.3%
<i>Venues and facilities</i>	1.6	8.6	0.4	2.9	22.7%	0.2%	3.0	3.1	3.3	4.6%	0.2%
Transfers and subsidies	1 834.7	2 368.8	1 489.7	1 857.7	0.4%	96.5%	1 602.1	1 667.7	1 721.4	-2.5%	94.9%
Departmental agencies and accounts	1 187.0	1 707.0	1 095.9	1 435.4	6.5%	69.3%	1 167.3	1 217.0	1 260.5	-4.2%	69.3%
Higher education institutions	98.4	167.3	116.4	-	-100.0%	4.9%	-	-	-	-	-
Public corporations and private enterprises	523.1	362.5	190.2	131.2	-36.9%	15.4%	136.1	141.1	144.3	3.2%	8.0%
Non-profit institutions	26.0	131.8	87.0	291.1	123.7%	6.8%	298.7	309.6	316.5	2.8%	17.6%
Households	0.1	0.2	0.2	-	-100.0%	0.0%	-	-	-	-	-
Total	1 890.6	2 441.7	1 553.3	1 940.1	0.9%	100.0%	1 688.2	1 757.7	1 814.6	-2.2%	100.0%
Proportion of total programme expenditure to vote expenditure	20.7%	23.3%	17.1%	20.6%	-	-	16.2%	16.3%	16.3%	-	-

Table 35.8 Technology Innovation expenditure trends and estimates by subprogramme and economic classification (continued)

Details of transfers and subsidies	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)		
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27			2027/28	2028/29
							2025/26	2022/23 - 2025/26	2026/27			2027/28	2028/29
R million													
Households													
Social benefits													
Current	0.1	0.2	0.2	-	-100.0%	-	-	-	-	-	-		
Households	0.1	0.2	0.2	-	-100.0%	-	-	-	-	-	-		
Departmental agencies and accounts													
Departmental agencies (non-business entities)													
Current	1 187.0	1 619.2	1 004.1	1 435.4	6.5%	67.0%	1 167.3	1 217.0	1 260.5	-4.2%	69.3%		
Various institutions: Biofuels research	-	9.4	9.8	-	-	0.2%	-	-	-	-	-		
Various institutions: Technology transfer offices: Support of research units	3.4	0.6	1.6	-	-100.0%	0.1%	-	-	-	-	-		
Various institutions: Implementation of bioeconomy strategy	41.2	31.1	52.8	-	-100.0%	1.6%	-	-	-	-	-		
Various institutions: Energy grand challenge research	181.6	43.9	31.9	17.7	-54.0%	3.5%	14.4	15.0	15.3	-4.7%	0.8%		
Various institutions: Health innovation research	119.1	54.0	69.5	-	-100.0%	3.1%	-	-	-	-	-		
Various institutions: HIV and AIDS prevention and treatment technologies research	-	31.1	32.5	34.0	-	1.2%	35.3	36.5	37.4	3.2%	2.1%		
Various institutions: Hydrogen strategy research	-	43.8	45.8	-	-	1.1%	-	-	-	-	-		
Various institutions: Innovation projects research	6.0	187.6	154.0	378.4	298.0%	9.3%	395.3	358.9	367.0	-1.0%	21.3%		
Various institutions: Space science research: Economic competitiveness and support package	103.9	3.0	-	37.2	-29.0%	1.8%	26.2	27.1	27.7	-9.3%	1.5%		
Various institutions: Indigenous knowledge systems	-	0.4	-	-	-	-	-	-	-	-	-		
Technology Innovation Agency	569.4	459.4	432.7	420.0	-9.6%	24.0%	458.8	531.8	555.6	9.8%	29.4%		
South African National Space Agency	162.4	162.9	153.3	166.6	0.8%	8.2%	180.2	188.3	196.8	5.7%	10.7%		
Various institutions: Emerging research areas	-	-	12.0	-	-	0.2%	-	-	-	-	-		
National Research Foundation: Research and development in indigenous knowledge systems	-	-	8.1	57.4	-	0.8%	57.3	59.4	60.7	1.9%	3.4%		
Various institutions: Space science research: Space Infrastructure Hub	-	592.0	-	324.1	-	11.7%	-	-	-	-100.0%	-		
Capital	-	87.8	91.8	-	-	2.3%	-	-	-	-	-		
Various institutions: Hydrogen strategy (capital)	-	87.8	91.8	-	-	2.3%	-	-	-	-	-		
Public corporations and private enterprises													
Other transfers to public corporations													
Current	520.6	361.5	183.5	131.2	-36.8%	15.3%	136.1	141.1	144.3	3.2%	8.0%		
Various institutions: Technology transfer offices: Support of research units	7.3	5.8	8.0	-	-100.0%	0.3%	-	-	-	-	-		
Various institutions: Implementation of bioeconomy strategy	12.7	10.8	5.5	-	-100.0%	0.4%	-	-	-	-	-		
Various institutions: Health innovation research	-	1.2	-	-	-	-	-	-	-	-	-		
Various institutions: Indigenous knowledge systems	60.0	-	9.3	-	-100.0%	0.9%	-	-	-	-	-		
Various institutions: Innovation projects research	300.0	148.6	54.5	-	-100.0%	6.4%	-	-	-	-	-		
Various institutions: Space science research: Economic competitiveness and support package	4.8	24.3	21.0	-	-100.0%	0.6%	-	-	-	-	-		
Various institutions: Emerging research areas	135.8	83.0	73.0	131.2	-1.1%	5.4%	136.1	141.1	144.3	3.2%	8.0%		
Various institutions: Space science research: Space Infrastructure Hub	-	88.0	12.2	-	-	1.3%	-	-	-	-	-		

Table 35.8 Technology Innovation expenditure trends and estimates by subprogramme and economic classification (continued)

Details of transfers and subsidies	Audited outcome			Adjusted appropriation	Average growth rate (%)		Medium-term expenditure estimate			Average growth rate (%)	
	2022/23	2023/24	2024/25		2025/26	2022/23 - 2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
	R million										
Other transfers to private enterprises											
Current	2.5	1.0	6.8	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: Technology transfer offices: Support of research units	–	–	0.3	–	–	–	–	–	–	–	–
Various institutions: Implementation of bioeconomy strategy	–	–	3.5	–	–	–	–	–	–	–	–
Various institutions: Health innovation research	2.5	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Indigenous knowledge systems	–	1.0	3.0	–	–	0.1%	–	–	–	–	–
Non-profit institutions											
Current	26.0	131.8	87.0	195.3	95.8%	5.6%	199.2	206.5	211.2	2.6%	11.7%
Various institutions: Biofuels research	–	–	–	10.3	–	0.1%	10.6	11.0	11.3	3.2%	0.6%
Various institutions: Technology transfer offices: Support of research units	–	0.4	–	–	–	–	–	–	–	–	–
Various institutions: Health innovation research	–	–	–	25.3	–	0.3%	22.8	23.7	24.2	-1.4%	1.3%
Various institutions: Hydrogen strategy research	–	–	–	47.8	–	0.6%	49.6	51.4	52.6	3.2%	2.9%
Various institutions: Innovation projects research	6.1	112.8	60.6	–	-100.0%	2.3%	–	–	–	–	–
International Centre for Genetic Engineering and Biotechnology	18.0	14.6	17.4	18.2	0.3%	0.9%	18.8	19.5	20.0	3.2%	1.1%
Various institutions: Space science research: Economic competitiveness and support package	–	2.0	2.0	–	–	0.1%	–	–	–	–	–
Various institutions: Indigenous knowledge systems	0.7	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Space science research: Space Infrastructure Hub	–	–	4.0	–	–	0.1%	–	–	–	–	–
Various institutions: Implementation of the bio-technology strategy	–	2.1	–	48.8	–	0.6%	–	–	–	3.2%	3.0%
Technology transfer offices	1.2	–	3.0	45.0	231.1%	0.6%	50.6	52.4	53.6	3.2%	2.8%
Capital	–	–	–	95.9	–	1.2%	99.4	103.1	105.4	3.2%	5.9%
Various institutions: Hydrogen strategy (capital)	–	–	–	95.9	–	1.2%	99.4	103.1	105.4	3.2%	5.9%
Higher education institutions											
Higher education institutions											
Current	98.4	167.3	116.4	–	-100.0%	4.9%	–	–	–	–	–
Various institutions: Technology transfer offices: Support of research units	32.1	37.3	34.6	–	-100.0%	1.3%	–	–	–	–	–
Various institutions: Implementation of the bioeconomy strategy	–	0.2	4.5	–	–	0.1%	–	–	–	–	–
Various institutions: Health innovation research	1.0	–	–	–	-100.0%	–	–	–	–	–	–
Various institutions: Innovation projects research	–	–	3.0	–	–	–	–	–	–	–	–
International Centre for Genetic Engineering and Biotechnology	–	13.7	–	–	–	0.2%	–	–	–	–	–
Various institutions: Space science research: Economic competitiveness and support package	9.4	–	2.0	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: Indigenous knowledge systems	34.4	30.4	36.7	–	-100.0%	1.3%	–	–	–	–	–
Various institutions: Emerging research areas	21.5	25.7	35.6	–	-100.0%	1.1%	–	–	–	–	–
Various institutions: Space science research: Space Infrastructure Hub	–	60.0	–	–	–	0.8%	–	–	–	–	–

Personnel information

Table 35.9 Technology Innovation personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2026		Number and cost ² of personnel posts filled/planned for on funded establishment															Average growth rate (%)	Average: Salary level/ Total (%)	
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate											
		2024/25			2025/26			2026/27			2027/28			2028/29					2025/26 - 2028/29
Technology Innovation		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Salary level	62	–	44	49.7	1.1	51	58.7	1.2	50	61.4	1.2	50	64.2	1.3	48	66.2	1.4	-1.7%	100.0%
1 – 6	6	–	3	1.7	0.6	3	1.8	0.6	3	1.9	0.6	3	2.0	0.7	3	2.1	0.7	–	6.1%
7 – 10	9	–	7	10.4	1.5	9	12.6	1.4	8	13.0	1.5	8	13.1	1.7	6	12.3	2.0	-10.6%	15.3%
11 – 12	25	–	21	18.6	0.9	26	24.2	0.9	26	25.4	1.0	26	26.8	1.0	26	28.3	1.1	–	52.5%
13 – 16	22	–	13	19.0	1.5	13	20.1	1.5	13	21.1	1.6	13	22.3	1.7	13	23.5	1.8	–	26.2%

1. Data has been provided by the department and may not necessarily reconcile with official government personnel data.

2. Rand million.

Programme 3: International Cooperation and Resources

Programme purpose

Strategically develop, promote and manage international partnerships that strengthen the national system of innovation. Enable an exchange of knowledge, capacity and resources between South Africa and its international partners, with a focus on building capacity to support science, technology and innovation in Africa. Support South African foreign policy through science diplomacy.

Objectives

- Leverage strategic international partnerships by promoting researcher mobility and advancing collaboration in science, technology and innovation across Africa and globally over the medium term.
- Support historically disadvantaged institutions by securing 9 initiatives and opportunities for South African students to participate in international programmes by March 2029.
- Enhance international cooperation and coordination in science, technology and innovation by concluding 57 new joint research programmes, funding calls, researcher mobility schemes or institutional cooperation arrangements, and developing 12 policy recommendations within the national system of innovation in collaboration with international partners by March 2029.
- Support innovation by concluding 59 new international cooperation programmes, joint innovation funding calls, technology demonstration projects or incubator and accelerator partnerships with international partners, with a focus on small, medium and micro enterprises (SMMEs), including innovator support and grassroots innovation, by March 2029.

Subprogrammes

- *Multilateral Cooperation and Africa* advances and facilitates South Africa's participation in bilateral science, technology and innovation cooperation initiatives with other African partners; in African multilateral programmes, especially those of the Southern African Development Community and the African Union; and broader multilateral science, technology and innovation partnerships, with a strategic focus on South-South cooperation.
- *International Resources* works to increase the flow of international funding into South African science, technology and innovation initiatives, as well as African regional and continental programmes, to promote foreign investment and foster strategic partnerships with partners such as the European Union, philanthropic foundations and organisations, and the multinational private sector.
- *Overseas Bilateral Cooperation* promotes and facilitates South Africa's bilateral science, technology and innovation with partners in Europe, the Americas, Asia and Australasia, especially for human capital

development and collaborative research and innovation, and secures support for cooperation with other African partners.

- *Office of the Deputy Director-General: International Cooperation and Resources* provides management and administrative support to the programme and the office of the deputy director-general.

Expenditure trends and estimates

Table 35.10 International Cooperation and Resources expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Multilateral Cooperation and Africa	52.8	35.4	34.6	36.0	-12.0%	26.6%	37.6	39.2	40.4	3.9%	23.7%
International Resources	69.4	69.5	69.9	74.9	2.6%	47.5%	77.7	80.8	82.8	3.4%	48.8%
Overseas Bilateral Cooperation	32.0	31.0	26.7	36.2	4.2%	21.1%	37.8	39.4	40.7	4.0%	23.8%
Office of the Deputy Director-General: International Cooperation and Resources	7.0	8.6	7.5	5.6	-6.9%	4.8%	5.9	6.2	6.4	4.2%	3.7%
Total	161.3	144.5	138.7	152.8	-1.8%	100.0%	159.0	165.6	170.3	3.7%	100.0%
Change to 2025 Budget estimate				-			(0.6)	(1.3)	(4.0)		
Economic classification											
Current payments	84.8	83.2	76.5	79.8	-2.0%	54.3%	83.5	87.3	90.3	4.2%	52.7%
Compensation of employees	49.4	55.3	57.4	60.5	7.0%	37.3%	63.3	66.2	68.2	4.1%	39.9%
Goods and services	35.4	27.9	19.1	19.3	-18.3%	17.0%	20.2	21.1	22.0	4.5%	12.8%
of which:											
Communication	1.4	1.6	2.3	1.9	10.4%	1.2%	2.0	2.1	2.2	4.5%	1.3%
Agency and support/outsource services	0.2	-	-	0.9	72.8%	0.2%	0.9	0.9	1.0	4.5%	0.6%
Entertainment	0.0	0.1	0.1	1.0	319.0%	0.2%	1.1	1.1	1.2	4.5%	0.7%
Travel and subsistence	15.0	14.9	10.0	7.7	-19.9%	8.0%	8.1	8.5	8.8	4.5%	5.1%
Operating payments	1.3	2.3	3.6	0.8	-16.8%	1.3%	0.8	0.8	0.9	4.5%	0.5%
Venues and facilities	12.6	4.7	0.8	3.8	-32.7%	3.7%	4.0	4.2	4.4	4.5%	2.5%
Transfers and subsidies	76.4	61.3	62.1	73.0	-1.5%	45.7%	75.5	78.3	80.1	3.1%	47.3%
Departmental agencies and accounts	42.8	22.3	30.6	8.4	-42.0%	17.4%	8.7	9.0	9.2	3.2%	5.4%
Higher education institutions	17.9	13.2	9.4	-	-100.0%	6.8%	-	-	-	-	-
Public corporations and private enterprises	3.5	10.6	15.7	-	-100.0%	5.0%	-	-	-	-	-
Non-profit institutions	12.2	15.2	6.2	64.6	74.4%	16.4%	66.9	69.3	70.9	3.1%	41.8%
Households	-	0.0	0.2	-	-	0.0%	-	-	-	-	-
Total	161.3	144.5	138.7	152.8	-1.8%	100.0%	159.0	165.6	170.3	3.7%	100.0%
Proportion of total programme expenditure to vote expenditure	1.8%	1.4%	1.5%	1.6%	-	-	1.5%	1.5%	1.5%	-	-
Details of transfers and subsidies											
Households											
Social benefits											
Current	-	0.0	0.2	-	-	-	-	-	-	-	-
Households	-	0.0	0.2	-	-	-	-	-	-	-	-
Other transfers to households											
Current	-	0.0	-	-	-	-	-	-	-	-	-
Households	-	0.0	-	-	-	-	-	-	-	-	-
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	42.8	22.3	30.6	8.4	-42.0%	17.4%	8.7	9.0	9.2	3.2%	5.4%
National Research Foundation: Bilateral cooperation for global science development	13.1	2.2	6.5	8.4	-13.9%	5.0%	8.7	9.0	9.2	3.2%	5.4%
Various institutions: Global science: International multilateral agreements	24.1	18.1	16.7	-	-100.0%	9.9%	-	-	-	-	-
Various institutions: Global science: African multilateral agreements	5.6	2.0	7.4	-	-100.0%	2.5%	-	-	-	-	-

Table 35.10 International Cooperation and Resources expenditure trends and estimates by subprogramme and economic classification (continued)

Details of transfers and subsidies	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)	
	2022/23	2023/24	2024/25				2025/26	2026/27	2027/28			2028/29
	2022/23 - 2025/26	2026/27	2027/28				2028/29	2025/26 - 2028/29	2026/27 - 2028/29			
R million												
Public corporations and private enterprises												
Other transfers to public corporations												
Current	1.4	10.6	15.5	-	-100.0%	4.6%	-	-	-	-	-	
National Research Foundation: Bilateral cooperation for global science development	-	4.3	-	-	-	0.7%	-	-	-	-	-	
Various institutions: Global science: International multilateral agreements	1.4	5.3	13.8	-	-100.0%	3.4%	-	-	-	-	-	
Various institutions: Global science: African multilateral agreements	-	1.0	1.7	-	-	0.5%	-	-	-	-	-	
Other transfers to private enterprises												
Current	2.1	0.1	0.1	-	-100.0%	0.4%	-	-	-	-	-	
National Research Foundation: Bilateral cooperation for global science development	0.4	-	-	-	-100.0%	0.1%	-	-	-	-	-	
Various institutions: Global science: International multilateral agreements	1.7	0.1	0.1	-	-100.0%	0.3%	-	-	-	-	-	
Non-profit institutions												
Current	12.2	15.2	6.2	64.6	74.4%	16.4%	66.9	69.3	70.9	3.1%	41.8%	
National Research Foundation: Bilateral cooperation for global science development	2.0	-	-	-	-100.0%	0.3%	-	-	-	-	-	
Various institutions: Global science: International multilateral agreements	7.4	11.5	4.9	52.8	92.3%	12.8%	54.6	56.6	57.9	3.1%	34.2%	
Various institutions: Global science: African multilateral agreements	2.7	3.7	1.3	11.8	62.5%	3.3%	12.2	12.7	13.0	3.2%	7.7%	
Higher education institutions												
Current	17.9	13.2	9.4	-	-100.0%	6.8%	-	-	-	-	-	
National Research Foundation: Bilateral cooperation for global science development	1.6	-	-	-	-100.0%	0.3%	-	-	-	-	-	
Various institutions: Global science: International multilateral agreements	13.9	12.1	8.9	-	-100.0%	5.9%	-	-	-	-	-	
Various institutions: Global science: African multilateral agreements	2.4	1.1	0.5	-	-100.0%	0.7%	-	-	-	-	-	

Personnel information

Table 35.11 International Cooperation and Resources personnel numbers and cost by salary level¹

Number of funded posts	Number of posts additional to the establishment	Number and cost ² of personnel posts filled/planned for on funded establishment												Average growth rate (%)	Average: Salary level/ Total (%)				
		Actual			Revised estimate			Medium-term expenditure estimate											
		2024/25			2025/26			2026/27		2027/28		2028/29							
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost						
International Cooperation and Resources	69	-	47	57.4	1.2	47	60.5	1.3	47	63.3	1.4	47	66.2	1.4	45	68.2	1.5	-1.5%	100.0%
Salary level	69	-	47	57.4	1.2	47	60.5	1.3	47	63.3	1.4	47	66.2	1.4	45	68.2	1.5	-1.5%	100.0%
1 – 6	4	-	4	2.0	0.5	4	2.1	0.5	4	2.2	0.6	4	2.3	0.6	4	2.5	0.6	-	8.7%
7 – 10	26	-	16	13.7	0.9	16	14.6	0.9	16	15.4	1.0	16	16.2	1.0	14	15.5	1.1	-3.7%	33.5%
11 – 12	19	-	12	14.5	1.2	12	15.4	1.3	12	16.2	1.3	12	17.1	1.4	12	18.0	1.5	-	26.1%
13 – 16	20	-	15	27.2	1.8	15	28.4	1.9	15	29.5	2.0	15	30.6	2.1	15	32.2	2.2	-0.7%	31.7%

1. Data has been provided by the department and may not necessarily reconcile with official government personnel data.
 2. Rand million.

Programme 4: Research Development and Support

Programme purpose

Provide an enabling environment for research and knowledge production that promotes the strategic development of basic sciences and priority science areas through the promotion of science human capital development, and the provision of research infrastructure and relevant research support, in pursuit of South Africa's transition to a knowledge economy.

Objectives

- Contribute to the development of representative, high-level human capital to pursue locally relevant, globally competitive research and innovation activities over the medium term by:
 - awarding 5 400 bursaries to doctoral students
 - awarding 10 800 bursaries to pipeline postgraduate (BTech, honours and masters) students
 - placing 1 950 graduates and students in department-funded work preparation programmes in science, engineering and technology institutions
 - awarding 7 350 researchers with research grants
 - awarding 3 625 emerging researchers with research grants.
- Increase knowledge generation and innovation output by:
 - obtaining the first successful scientific image (“first light”) from the upgraded MeerKAT antenna array and telescope, confirming operational readiness, by 2026/27
 - conducting 29 initiatives to promote public awareness of and engagement with science over the medium term
 - prioritising indigenous knowledge and decolonised theory and practice through implementing 12 policy actions over the medium term.

Subprogrammes

- *Human Capital and Science Promotions* formulates and implements policies and strategies that address the availability of human capital for science, technology and innovation; provides fundamental support for research activities; and contributes to the development of a society that is scientifically literate and knowledgeable.
- *Science Missions* promotes the development of research and the production of scientific knowledge and human capital in scientific areas in which South Africa enjoys a geographic advantage.
- *Basic Science and Infrastructure* facilitates the strategic implementation of research and innovation equipment and facilities to promote knowledge production in areas of national priority and sustain innovation led by research and development.
- *Astronomy* supports the development of astronomical sciences around a new multiwavelength astronomy strategy and provides strategic guidance and support to relevant astronomy institutions for the implementation of strategic astronomy programmes.
- *Office of the Deputy Director-General: Research, Development and Support* provides management and administrative support to the programme and the office of the deputy director-general.

Expenditure trends and estimates

Table 35.12 Research Development and Support expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Human Capital and Science Promotions	2 754.3	2 721.6	2 549.7	2 655.5	-1.2%	50.2%	2 766.8	2 877.1	2 967.0	3.8%	43.8%
Science Missions	117.8	240.3	235.4	195.7	18.4%	3.7%	267.5	277.4	283.9	13.2%	4.2%
Basic Science and Infrastructure	959.3	1 034.2	1 173.5	1 246.0	9.1%	20.8%	1 295.7	1 343.2	1 373.6	3.3%	20.4%
Astronomy	1 144.8	1 762.0	1 399.8	1 048.3	-2.9%	25.2%	2 035.1	2 073.1	2 097.5	26.0%	31.5%
Office of the Deputy Director-General: Research, Development and Support	5.0	5.1	5.4	4.5	-3.4%	0.1%	4.7	4.9	5.1	4.2%	0.1%
Total	4 981.2	5 763.2	5 363.7	5 149.9	1.1%	100.0%	6 369.9	6 575.8	6 727.1	9.3%	100.0%
Change to 2025 Budget estimate				-			964.8	926.5	824.2		
Economic classification											
Current payments	58.2	61.0	60.4	60.9	1.5%	1.1%	63.7	66.6	68.9	4.2%	1.0%
Compensation of employees	46.4	45.7	46.9	44.2	-1.6%	0.9%	46.2	48.3	49.8	4.1%	0.7%
Goods and services	11.8	15.4	13.5	16.8	12.3%	0.3%	17.5	18.3	19.1	4.5%	0.3%
<i>of which:</i>											
Administrative fees	0.1	0.4	0.6	0.8	104.3%	0.0%	0.8	0.8	0.9	4.6%	0.0%
Communication	1.2	1.7	1.7	0.9	-9.8%	0.0%	1.0	1.0	1.0	4.5%	0.0%
Consultants: Business and advisory services	0.3	1.1	-	1.5	76.9%	0.0%	1.6	1.6	1.7	4.5%	0.0%
Agency and support/outsourced services	3.7	1.1	-	1.2	-32.1%	0.0%	1.2	1.3	1.3	4.5%	0.0%
Travel and subsistence	5.7	9.0	9.3	8.1	12.7%	0.2%	8.5	8.9	9.3	4.5%	0.1%
Venues and facilities	0.6	1.7	0.3	2.2	56.9%	0.0%	2.3	2.4	2.5	4.5%	0.0%
Transfers and subsidies	4 923.0	5 702.2	5 303.3	5 088.9	1.1%	98.9%	6 306.2	6 509.2	6 658.2	9.4%	99.0%
Departmental agencies and accounts	4 256.5	4 997.5	4 432.6	4 787.2	4.0%	86.9%	5 965.0	6 155.4	6 296.1	9.6%	93.6%
Higher education institutions	132.0	161.2	192.6	-	-100.0%	2.3%	-	-	-	-	-
Public corporations and private enterprises	376.2	352.9	425.9	301.7	-7.1%	6.9%	341.2	353.8	362.0	6.3%	5.4%
Non-profit institutions	158.1	189.4	251.1	-	-100.0%	2.8%	-	-	-	-	-
Households	0.2	1.2	1.1	-	-100.0%	0.0%	-	-	-	-	-
Total	4 981.2	5 763.2	5 363.7	5 149.9	1.1%	100.0%	6 369.9	6 575.8	6 727.1	9.3%	100.0%
Proportion of total programme expenditure to vote expenditure	54.6%	55.0%	59.1%	54.8%	-	-	61.0%	60.8%	60.5%	-	-
Details of transfers and subsidies											
Households											
Social benefits											
Current	0.2	0.3	0.1	-	-100.0%	-	-	-	-	-	-
Households	0.2	0.3	0.1	-	-100.0%	-	-	-	-	-	-
Other transfers to households											
Current	-	0.9	1.0	-	-	-	-	-	-	-	-
Households	-	0.1	1.0	-	-	-	-	-	-	-	-
National Research Foundation: Human resources development for science and engineering	-	0.8	-	-	-	-	-	-	-	-	-

Table 35.12 Research Development and Support expenditure trends and estimates by subprogramme and economic classification (continued)

Details of transfers and subsidies	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	2 817.6	2 895.7	2 758.0	2 894.0	0.9%	53.5%	3 066.0	3 187.0	3 283.4	4.3%	48.5%
Academy of Science of South Africa	41.5	34.0	31.9	33.4	-7.0%	0.7%	34.9	36.5	38.1	4.5%	0.6%
Various institutions: Astronomy research and development	36.6	36.5	32.6	39.3	2.3%	0.7%	40.3	41.8	42.7	2.8%	0.6%
Various institutions: Policy development on human and social development dynamics	37.9	36.5	34.2	36.8	-1.0%	0.7%	38.1	39.5	40.4	3.2%	0.6%
National Research Foundation: Human resources development for science and engineering	922.3	960.9	880.0	938.9	0.6%	17.4%	953.6	988.4	1 010.4	2.5%	15.0%
National Research Foundation: Human resources development for science and engineering: Economic competitiveness and support package	19.1	-	-	20.9	3.1%	0.2%	21.7	22.5	23.0	3.2%	0.3%
National Research Foundation	997.4	951.2	941.4	983.6	-0.5%	18.2%	1 028.7	1 075.2	1 123.4	4.5%	16.4%
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	80.8	74.5	76.3	89.4	3.5%	1.5%	104.7	108.3	110.8	7.4%	1.6%
National Research Foundation: South African research chairs initiative to develop human resources in science	602.9	605.2	565.6	572.5	-1.7%	11.0%	593.6	615.4	629.2	3.2%	9.3%
Various institutions: Strategic science platforms for research and development	79.0	197.0	195.9	179.2	31.4%	3.1%	250.3	259.5	265.3	14.0%	3.9%
Capital	1 438.9	2 101.8	1 674.6	1 893.2	9.6%	33.4%	2 898.9	2 968.4	3 012.7	16.7%	45.1%
Various institutions: Infrastructure projects for research and development	343.7	392.5	324.2	896.9	37.7%	9.2%	917.4	951.0	972.4	2.7%	14.4%
National Research Foundation: Square Kilometre Array: Capital contribution to research	1 095.2	1 709.3	1 350.4	996.3	-3.1%	24.2%	1 981.5	2 017.4	2 040.3	27.0%	30.7%
Public corporations and private enterprises											
Other transfers to public corporations											
Current	44.7	63.7	11.4	-	-100.0%	0.6%	12.1	12.6	13.2	-	0.2%
National Research Foundation: Human resources development for science and engineering	-	44.7	-	-	-	0.2%	-	-	-	-	-
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	44.7	15.0	10.7	-	-100.0%	0.3%	-	-	-	-	-
Various institutions: Strategic science platforms for research and development	-	4.0	0.7	-	-	-	-	-	-	-	-
The South African Council for Natural Scientific Professions	-	-	-	-	-	-	12.1	12.6	13.2	-	0.2%
Capital	331.5	289.2	413.7	301.7	-3.1%	6.3%	329.1	341.2	348.8	5.0%	5.2%
Council for Scientific and Industrial Research: Cyberinfrastructure research and development	211.4	244.2	282.8	301.7	12.6%	4.9%	329.1	341.2	348.8	5.0%	5.2%
Various institutions: Infrastructure projects for research and development	120.0	45.0	130.9	-	-100.0%	1.4%	-	-	-	-	-
Other transfers to private enterprises											
Current	-	-	0.8	-	-	-	-	-	-	-	-
National Research Foundation: Human resources development for science and engineering: Economic competitiveness and support package	-	-	0.8	-	-	-	-	-	-	-	-

Table 35.12 Research Development and Support expenditure trends and estimates by subprogramme and economic classification (continued)

Details of transfers and subsidies	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)	
	2022/23	2023/24	2024/25				2025/26	2026/27	2027/28			2028/29
	2025/26	2026/27 - 2025/26	2026/27				2027/28	2028/29	2025/26 - 2028/29			2026/27 - 2028/29
R million												
Non-profit institutions												
Current	21.4	21.7	27.4	-	-100.0%	0.3%	-	-	-	-	-	
Various institutions: Astronomy research and development	5.1	5.3	5.3	-	-100.0%	0.1%	-	-	-	-	-	
Various institutions: Policy development on human and social development dynamics	-	1.6	-	-	-	-	-	-	-	-	-	
National Research Foundation: Human resources development for science and engineering	6.6	10.8	17.1	-	-100.0%	0.2%	-	-	-	-	-	
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	8.4	2.6	2.8	-	-100.0%	0.1%	-	-	-	-	-	
Various institutions: Strategic science platforms for research and development	1.4	1.4	0.7	-	-100.0%	-	-	-	-	-	-	
Various institutions: Policy development on basic science development and support	-	-	1.6	-	-	-	-	-	-	-	-	
Capital	136.7	167.8	223.7	-	-100.0%	2.5%	-	-	-	-	-	
Various institutions: Infrastructure projects for research and development	136.7	167.8	223.7	-	-100.0%	2.5%	-	-	-	-	-	
Higher education institutions												
Current	32.8	23.6	26.4	-	-100.0%	0.4%	-	-	-	-	-	
Various institutions: Astronomy research and development	-	0.1	0.2	-	-	-	-	-	-	-	-	
National Research Foundation: Human resources development for science and engineering	16.0	1.0	0.9	-	-100.0%	0.1%	-	-	-	-	-	
Various institutions: Science awareness, research and initiatives to encourage youth participation in science	-	1.8	1.5	-	-	-	-	-	-	-	-	
Various institutions: Strategic science platforms for research and development	16.8	20.7	23.8	-	-100.0%	0.3%	-	-	-	-	-	
Capital	99.3	137.5	166.2	-	-100.0%	1.9%	-	-	-	-	-	
Various institutions: Infrastructure projects for research and development	99.3	137.5	166.2	-	-100.0%	1.9%	-	-	-	-	-	

Personnel information

Table 35.13 Research Development and Support personnel numbers and cost by salary level¹

Number of funded posts	Number of posts estimated for 31 March 2026		Number and cost ² of personnel posts filled/planned for on funded establishment												Average growth rate (%)	Average: Salary level/ Total (%)			
	Number of posts additional to the establishment	-	Actual			Revised estimate			Medium-term expenditure estimate										
			2024/25			2025/26			2026/27		2027/28		2028/29						
			Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost					
Research Development and Support																			
Salary level	55	-	43	46.9	1.1	39	44.2	1.1	39	46.2	1.2	39	48.3	1.2	37	49.8	1.3	-1.6%	100.0%
1-6	4	-	3	1.2	0.4	3	1.3	0.4	3	1.4	0.5	3	1.5	0.5	3	1.5	0.5	-	7.8%
7-10	10	-	7	4.3	0.6	7	4.6	0.7	7	4.8	0.7	7	5.1	0.7	6	4.2	0.8	-7.6%	17.0%
11-12	24	-	21	23.4	1.1	21	24.9	1.2	21	26.1	1.2	21	27.6	1.3	21	29.1	1.4	-	54.7%
13-16	17	-	12	18.0	1.5	8	13.4	1.6	8	13.8	1.7	8	14.2	1.8	8	14.9	1.9	-1.7%	20.5%

1. Data has been provided by the department and may not necessarily reconcile with official government personnel data.
 2. Rand million.

Programme 5: Socioeconomic Innovation Partnerships

Programme purpose

Enhance government's growth and development priority areas through targeted science and technology-based innovation interventions and the development of strategic partnerships with other government departments, industry, research institutions and communities.

Objectives

- Inform and influence how science and technology can be used to achieve development through knowledge, evidence and learning over the medium term by:
 - publishing 12 knowledge products on innovation for inclusive development
 - supporting 26 localised facilities for inclusive development
 - maintaining and improving 15 decision support systems
 - conducting 14 initiatives to promote the research and development tax incentive.
- Identify, grow and sustain niche, high-potential science, technology and innovation capabilities for sustainable development and the greening of society and the economy by fully funding and co-funding 150 honours, masters and doctoral students, and adding 80 knowledge and innovation products to the intellectual property portfolio per year over the medium term.
- Identify, grow and sustain niche, high-potential science, technology and innovation capabilities that improve the competitiveness of existing industries with growth potential in aerospace, advanced manufacturing, chemicals, advanced metals, the modernisation of mining, ICT and sector innovation funds, and facilitate the development of new targeted industries led by research and development over medium term by:
 - fully funding or co-funding 120 doctoral students
 - adding 150 knowledge and innovation products to South Africa's intellectual property portfolio.

Subprogrammes

- *Sector Innovation and Green Economy* provides policy, strategy and direction for growth in strategic sectors of the economy led by research and development, and supports the transition to a green economy.
- *Innovation for Inclusive Development* supports the development of science and technology-based innovation for tackling poverty, including the creation of sustainable jobs and human settlements, the enhanced delivery of basic services and innovation-driven local economic development.
- *Science and Technology Investment* leads and supports the development of indicators and instruments for measuring and monitoring investments in science and technology, the performance of the national system of innovation and ways of strengthening policy in relation to the system.
- *Technology Localisation, Beneficiation and Advanced Manufacturing* funds development programmes for technology and innovation to advance strategic and sustainable economic growth, sector development priorities and service delivery over the medium and long terms.
- *Office of the Deputy Director-General: Socioeconomic Innovation Partnerships* provides management and administrative support to the programme and the office of the deputy director-general.

Expenditure trends and estimates

Table 35.14 Socioeconomic Innovation Partnerships expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Sector Innovation and Green Economy	1 089.8	1 055.0	1 011.6	1 057.8	-1.0%	61.9%	1 088.7	1 137.5	1 187.1	3.9%	62.0%
Innovation for Inclusive Development	377.4	381.1	359.1	376.4	-0.1%	22.0%	393.6	411.0	428.0	4.4%	22.4%
Science and Technology Investment	26.6	31.1	31.7	30.1	4.3%	1.8%	32.8	32.3	33.2	3.3%	1.8%
Technology Localisation, Beneficiation and Advanced Manufacturing	251.6	249.5	208.7	241.6	-1.3%	14.0%	241.5	249.5	255.4	1.9%	13.6%
Office of the Deputy Director-General: Socioeconomic Innovation Partnership	6.4	6.7	7.5	3.8	-15.7%	0.4%	4.0	4.2	4.3	4.2%	0.2%
Total	1 751.7	1 723.5	1 618.6	1 709.6	-0.8%	100.0%	1 760.6	1 834.4	1 908.0	3.7%	100.0%
Change to 2025 Budget estimate				-			(2.9)	(6.0)	(15.1)		
Economic classification											
Current payments	50.5	53.5	55.0	65.0	8.7%	3.3%	69.3	70.5	72.9	3.9%	3.9%
Compensation of employees	42.0	44.1	45.2	50.4	6.3%	2.7%	52.7	55.1	56.8	4.1%	3.0%
Goods and services	8.5	9.5	9.8	14.6	19.5%	0.6%	16.6	15.4	16.1	3.5%	0.9%
<i>of which:</i>											
Advertising	0.1	-	-	0.3	39.6%	0.0%	0.3	0.3	0.3	4.6%	0.0%
Catering: Departmental activities	0.0	0.0	0.0	0.4	404.8%	0.0%	0.4	0.4	0.4	4.5%	0.0%
Communication	1.3	1.8	1.5	1.4	1.9%	0.1%	1.4	1.5	1.6	4.5%	0.1%
Consultants: Business and advisory services	1.5	2.5	3.7	7.2	69.5%	0.2%	8.9	7.4	7.8	2.4%	0.4%
Travel and subsistence	2.9	3.6	3.1	3.6	7.0%	0.2%	3.7	3.9	4.1	4.3%	0.2%
Venues and facilities	0.5	0.2	0.2	1.0	32.0%	0.0%	1.1	1.1	1.2	4.5%	0.1%
Transfers and subsidies	1 701.2	1 669.9	1 563.6	1 644.7	-1.1%	96.7%	1 691.3	1 763.9	1 835.0	3.7%	96.1%
Departmental agencies and accounts	433.5	409.5	366.3	507.6	5.4%	25.2%	528.0	549.8	569.8	3.9%	29.9%
Higher education institutions	2.9	0.4	16.5	-	-100.0%	0.3%	-	-	-	-	-
Public corporations and private enterprises	1 240.5	1 246.7	1 168.7	1 137.0	-2.9%	70.4%	1 163.3	1 214.1	1 265.2	3.6%	66.2%
Non-profit institutions	24.1	13.2	12.0	-	-100.0%	0.7%	-	-	-	-	-
Households	0.2	0.1	0.0	-	-100.0%	0.0%	-	-	-	-	-
Total	1 751.7	1 723.5	1 618.6	1 709.6	-0.8%	100.0%	1 760.6	1 834.4	1 908.0	3.7%	100.0%
Proportion of total programme expenditure to vote expenditure	19.2%	16.5%	17.8%	18.2%	-	-	16.9%	17.0%	17.2%	-	-
Details of transfers and subsidies											
Households											
Social benefits											
Current	0.2	0.1	0.0	-	-100.0%	-	-	-	-	-	-
Households	0.2	0.1	0.0	-	-100.0%	-	-	-	-	-	-
Other transfers to households											
Current	-	0.0	-	-	-	-	-	-	-	-	-
Households	-	0.0	-	-	-	-	-	-	-	-	-
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	433.5	409.5	366.3	507.6	5.4%	25.2%	528.0	549.8	569.8	3.9%	29.9%
Various institutions: Innovative research and development	15.0	27.6	31.4	51.5	50.7%	1.8%	53.5	55.5	56.7	3.3%	3.0%
Human Sciences Research Council	325.1	322.3	300.6	311.1	-1.5%	18.5%	325.7	340.4	355.7	4.6%	18.6%
Various institutions: Local manufacturing capacity research and technical support	67.6	42.9	4.0	77.3	4.6%	2.8%	78.4	80.9	82.7	2.3%	4.4%
Various institutions: Local systems of innovation for the cold chain technologies project	-	-	2.7	15.2	-	0.3%	15.8	16.4	16.8	3.2%	0.9%
Human Science Research Council: Develop and monitor science and technology indicators	12.1	13.5	14.3	15.0	7.4%	0.8%	15.7	16.3	16.6	3.4%	0.9%
Various institutions: Environmental innovation	13.6	3.1	13.3	37.5	40.1%	1.0%	38.9	40.3	41.2	3.2%	2.2%

Table 35.14 Socioeconomic Innovation Partnerships expenditure trends and estimates by subprogramme and economic classification (continued)

Details of transfers and subsidies	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2026/27	2027/28		
R million					2022/23 - 2025/26		2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
Public corporations and private enterprises											
Subsidies on products and production											
Current	1 002.3	971.4	938.4	971.1	-1.0%	57.1%	1 016.6	1 062.6	1 110.3	4.6%	58.0%
Council for Scientific and Industrial Research	1 002.3	971.4	938.4	971.1	-1.0%	57.1%	1 016.6	1 062.6	1 110.3	4.6%	58.0%
Other transfers to public corporations											
Current	238.0	274.9	226.2	165.9	-11.3%	13.3%	146.7	151.6	155.0	-2.2%	8.2%
Various institutions: Advanced manufacturing technology strategy implementation	–	37.7	32.0	34.3	–	1.5%	34.0	35.7	36.5	2.1%	1.9%
Various institutions: Innovative research and development	2.0	13.0	4.3	–	-100.0%	0.3%	–	–	–	–	–
Various institutions: ICT	42.9	42.5	16.1	35.5	-6.1%	2.0%	19.0	19.7	20.2	-17.2%	1.1%
Various institutions: Local manufacturing capacity research and technical support	–	40.0	64.1	–	–	1.5%	–	–	–	–	–
Council for Scientific and Industrial Research: Mining research and development	151.9	65.3	59.0	58.0	-27.4%	4.9%	59.5	61.2	62.6	2.6%	3.3%
Various institutions: Local systems of innovation for the cold chain technologies project	–	15.5	0.3	–	–	0.2%	–	–	–	–	–
Various institutions: Resource-based industries research and development	22.1	35.9	30.5	38.1	20.0%	1.9%	34.2	35.0	35.7	-2.1%	1.9%
Various institutions: Environmental innovation	19.1	25.0	20.0	–	-100.0%	0.9%	–	–	–	–	–
Other transfers to private enterprises											
Current	0.2	0.3	4.0	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: Advanced manufacturing technology strategy implementation	0.2	0.3	0.3	–	-100.0%	–	–	–	–	–	–
Various institutions: Local manufacturing capacity research and technical support	–	0.0	3.7	–	–	0.1%	–	–	–	–	–
Non-profit institutions											
Current	24.1	13.2	12.0	–	-100.0%	0.7%	–	–	–	–	–
Various institutions: Innovative research and development	22.9	9.2	8.5	–	-100.0%	0.6%	–	–	–	–	–
Various institutions: ICT	–	0.6	0.1	–	–	–	–	–	–	–	–
Various institutions: Resource-based industries research and development	–	–	0.8	–	–	–	–	–	–	–	–
Human Science Research Council: Develop and monitor science and technology indicators	–	2.0	–	–	–	–	–	–	–	–	–
Various institutions: Environmental innovation	1.2	1.5	2.6	–	-100.0%	0.1%	–	–	–	–	–
Higher education institutions											
Higher education institutions											
Current	2.9	0.4	16.5	–	-100.0%	0.3%	–	–	–	–	–
Various institutions: Innovative research and development	2.9	–	4.9	–	-100.0%	0.1%	–	–	–	–	–
Various institutions: ICT	–	–	11.6	–	–	0.2%	–	–	–	–	–
Various institutions: Resource-based industries research and development	–	0.4	–	–	–	–	–	–	–	–	–

Personnel information

Table 35.15 Socioeconomic Innovation Partnerships personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2026		Number and cost ² of personnel posts filled/planned for on funded establishment												Average growth rate (%)	Average: Salary level/ Total (%)				
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate											
		2024/25			2025/26			2026/27		2027/28		2028/29				2025/26 - 2028/29	2026/27 - 2028/29		
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Socioeconomic Innovation Partnerships																			
Salary level	62	–	42	45.2	1.1	44	50.4	1.1	44	52.7	1.2	43	55.1	1.3	42	56.8	1.4	-1.7%	100.0%
1 – 6	6	–	1	0.4	0.4	1	0.4	0.4	1	0.4	0.4	1	0.5	0.5	1	0.5	0.5	–	2.3%
7 – 10	12	–	10	6.8	0.7	10	7.2	0.7	10	7.6	0.8	10	8.0	0.8	8	7.1	0.9	-6.2%	21.9%
11 – 12	25	–	19	20.4	1.1	21	24.2	1.2	21	25.1	1.2	21	26.5	1.3	21	27.9	1.3	-0.3%	48.2%
13 – 16	19	–	12	17.6	1.5	12	18.6	1.6	12	19.6	1.6	12	20.2	1.7	12	21.3	1.8	-0.8%	27.5%

1. Data has been provided by the department and may not necessarily reconcile with official government personnel data.

2. Rand million.

Entities

Academy of Science of South Africa

Selected performance indicators

Table 35.16 Academy of Science of South Africa performance indicators by programme/objective/activity and related outcome

Indicator	Programme/Objective/Activity	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of special public lectures per year	Science advisory programme and strategic partnerships	A dynamic science, technology and innovation ecosystem for growth	18	20	17	5	5	5	5
Number of activities supported with other African academies per year	Science advisory programme and strategic partnerships	Social cohesion and nation building	3	4	10	2	4	4	4
Number of young scientist activities supported per year	Science advisory programme and strategic partnerships		4	8	10	6	4	4	4
Number of proceedings reports, policy-maker booklets and statements published per year	Science advisory programme		1	19	9	8	8	8	8
New journal titles on the Scientific Electronic Library Online open access platform per year	Science advisory programme	A dynamic science, technology and innovation ecosystem for growth	2	15	2	2	2	2	2
Number of South African Journal of Science articles published per year	Science advisory programme	Improved education outcomes and skills	2	6	6	6	6	6	6
Number of Quest: Science magazines produced per year	Science advisory programme		1	4	4	4	4	4	4

Entity overview

The Academy of Science of South Africa was established in terms of the Academy of Science of South Africa Act (2001), as amended, to promote outstanding achievements in all fields of scientific inquiry, recognise excellence and provide evidence-based scientific advice to government and other stakeholders.

Over the medium term, the academy will continue its commitment to enhancing South Africa's capacity to produce and publish research providing evidence-based scientific policy advice while increasing the quality of its research publications. This includes undertaking a targeted 6 consensus studies; producing 24 proceedings reports, policy-makers booklets and statements; conducting 15 public lectures; publishing 12 newsletters;

producing 18 issues of the South African Journal of Science; publishing 12 issues of the Quest magazine; and adding 6 new journal titles on the SciELO South Africa open access platform.

Expenditure is expected to increase at an average annual rate of 0.2 per cent, from R41.3 million in 2025/26 to R41.5 million in 2028/29, due to contract funding for projects ending in 2028/29. Compensation of employees accounts for an estimated 64.1 per cent (R79.3 million) of the academy's total expenditure over the medium term as the academy relies on skilled personnel to fulfil its mandate. Departmental transfers account for an estimated 92.0 per cent (R114 million) of projected revenue over the period ahead. Revenue is in line with spending.

Programmes/Objectives/Activities

Table 35.17 Academy of Science of South Africa expenditure trends and estimates by programme/objective/activity

	Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Administration	14.6	16.9	17.5	11.7	-7.3%	36.9%	13.0	13.6	14.2	6.8%	32.9%
Science Advisory Programme and Strategic Partnerships	8.2	15.1	14.8	15.8	24.4%	32.7%	15.1	13.5	14.0	-4.0%	34.4%
Science advisory programme	3.6	–	–	–	-100.0%	2.2%	–	–	–	–	–
Scholarly publishing programme	10.1	10.7	11.6	13.9	11.1%	28.2%	14.4	12.8	13.4	-1.3%	32.7%
Total	36.5	42.7	43.8	41.3	4.2%	100.0%	42.4	39.9	41.5	0.2%	100.0%

Statements of financial performance, cash flow and financial position

Table 35.18 Academy of Science of South Africa statements of financial performance, cash flow and financial position

Statement of financial performance											
	Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Revenue											
Non-tax revenue	2.5	4.6	5.1	3.1	6.7%	8.8%	3.1	3.4	3.4	3.7%	8.0%
Sale of goods and services other than capital assets	0.8	0.4	0.3	0.4	-24.0%	1.1%	0.4	0.4	0.4	4.6%	0.9%
Other non-tax revenue	1.7	4.1	4.7	2.7	16.4%	7.7%	2.7	3.0	3.0	3.6%	7.0%
Transfers received	39.1	40.7	39.6	38.3	-0.7%	91.2%	39.4	36.5	38.1	-0.1%	92.0%
Total revenue	41.6	45.3	44.6	41.3	-0.3%	100.0%	42.4	39.9	41.5	0.2%	100.0%
Expenses											
Current expenses	36.5	42.7	43.8	41.3	4.2%	100.0%	42.4	39.9	41.5	0.2%	100.0%
Compensation of employees	22.4	24.5	25.7	24.3	2.8%	59.0%	25.3	26.4	27.6	4.3%	64.1%
Goods and services	13.9	17.9	17.8	17.0	6.9%	40.5%	17.1	13.5	13.9	-6.5%	35.9%
Depreciation	0.2	0.3	0.3	–	-100.0%	0.5%	–	–	–	–	–
Total expenses	36.5	42.7	43.8	41.3	4.2%	100.0%	42.4	39.9	41.5	0.2%	100.0%
Surplus/(Deficit)	5.1	2.6	–	–	-100.0%		–	–	–	–	

Table 35.18 Academy of Science of South Africa statements of financial performance, cash flow and financial position (continued)

Cash flow statement			Audited outcome	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
							2026/27	2027/28	2028/29		
R million	2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29	
Cash flow statement											
Cash flow from operating activities	0.3	2.9	(3.9)	-	-100.0%	100.0%	-	-	-	-	
Receipts											
Non-tax receipts	2.5	3.3	3.6	3.1	6.7%	7.3%	3.1	3.4	3.4	3.7%	
Sales of goods and services other than capital assets	0.9	0.4	0.6	0.4	-27.4%	1.3%	0.4	0.4	0.4	4.6%	
Other sales	0.1	-	-	-	-100.0%	0.1%	-	-	-	-	
Other tax receipts	1.6	2.9	3.0	2.7	19.1%	6.0%	2.7	3.0	3.0	3.6%	
Transfers received	38.0	40.7	39.6	38.3	0.2%	92.0%	39.4	36.5	38.1	-0.1%	
Financial transactions in assets and liabilities	-	1.2	-	-	-	0.7%	-	-	-	-	
Total receipts	40.5	45.3	43.2	41.3	0.7%	100.0%	42.4	39.9	41.5	0.2%	
Payment											
Current payments	40.2	42.4	47.1	41.3	0.9%	100.0%	42.4	39.9	41.5	0.2%	
Compensation of employees	22.4	24.5	25.7	24.3	2.8%	56.7%	25.3	26.4	27.6	4.3%	
Goods and services	17.8	17.9	21.4	17.0	-1.6%	43.3%	17.1	13.5	13.9	-6.5%	
Total payments	40.2	42.4	47.1	41.3	0.9%	100.0%	42.4	39.9	41.5	0.2%	
Net cash flow from investing activities	(1.1)	(8.8)	0.2	(2.4)	30.0%	100.0%	(2.6)	(2.8)	(2.8)	4.9%	
Acquisition of property, plant, equipment and intangible assets	(0.2)	(0.2)	(0.2)	(0.2)	1.7%	7.5%	(0.3)	(0.3)	(0.3)	10.1%	
Proceeds from the sale of property, plant, equipment and intangible assets	-	0.0	0.0	-	-	-0.4%	-	-	-	-	
Other flows from investing activities	(0.9)	(8.6)	0.4	(2.2)	35.6%	92.9%	(2.3)	(2.5)	(2.5)	4.4%	
Net increase/(decrease) in cash and cash equivalents	(0.8)	(5.9)	(3.7)	(2.4)	42.7%	100.0%	(2.6)	(2.8)	(2.8)	4.9%	
Statement of financial position											
Carrying value of assets of which:	0.5	0.4	0.4	0.5	-0.5%	1.3%	0.5	0.5	0.5	-	
Acquisition of assets	(0.2)	(0.2)	(0.2)	(0.2)	1.7%	100.0%	(0.3)	(0.3)	(0.3)	10.1%	
Investments	15.6	24.3	24.0	25.0	17.1%	63.2%	26.0	27.0	28.0	3.8%	
Receivables and prepayments	1.7	0.8	0.5	0.4	-37.7%	2.4%	0.4	0.4	-	-100.0%	
Cash and cash equivalents	18.4	11.9	8.2	8.0	-24.2%	33.1%	8.0	8.0	8.0	-	
Total assets	36.1	37.4	33.2	33.9	-2.1%	100.0%	34.9	35.9	36.5	2.5%	
Capital and reserves	22.5	25.1	26.0	26.9	6.1%	71.5%	28.0	29.0	29.6	3.2%	
Capital reserve fund	11.7	10.0	5.3	5.2	-23.6%	22.9%	5.2	5.2	5.2	-	
Trade and other payables	0.7	0.6	0.3	0.3	-24.4%	1.4%	0.3	0.3	0.3	-	
Provisions	1.3	1.6	1.6	1.5	5.9%	4.2%	1.4	1.4	1.4	-2.3%	
Total equity and liabilities	36.1	37.4	33.2	33.9	-2.1%	100.0%	34.9	35.9	36.5	2.5%	

Personnel information

Table 35.19 Academy of Science of South Africa personnel numbers and cost by salary level

Number of posts estimated for 31 March 2026		Number and cost ¹ of personnel posts filled/planned for on funded establishment															Average growth rate of personnel posts (%)	Average: salary level/ Total (%)	
		Actual			Revised estimate			Medium-term expenditure estimate											
Number of approved funded posts	Number of posts on approved establishment	2024/25			2025/26			2026/27			2027/28			2028/29			2025/26 - 2028/29	2026/27 - 2028/29	
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Academy of Science of South Africa	31	31	30	25.7	0.9	31	24.3	0.8	31	25.3	0.8	31	26.4	0.9	31	27.6	0.9	-	100.0%
Salary level	31	31	30	25.7	0.9	31	24.3	0.8	31	25.3	0.8	31	26.4	0.9	31	27.6	0.9	-	100.0%
1 – 6	1	1	1	0.1	0.1	1	0.1	0.1	1	0.1	0.1	1	0.1	0.1	1	0.1	0.1	-	3.2%
7 – 10	22	22	21	12.7	0.6	22	12.9	0.6	22	13.4	0.6	22	14.0	0.6	22	14.6	0.7	-	71.0%
11 – 12	3	3	3	3.8	1.3	3	2.9	1.0	3	3.0	1.0	3	3.2	1.1	3	3.3	1.1	-	9.7%
13 – 16	5	5	5	9.1	1.8	5	8.4	1.7	5	8.8	1.8	5	9.1	1.8	5	9.6	1.9	-	16.1%

1. Rand million.

Council for Scientific and Industrial Research

Selected performance indicators

Table 35.20 Council for Scientific and Industrial Research performance indicators by programme/objective/activity and related outcome

Indicator	Programme/Objective/Activity	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of journal articles published per year	Science engineering and technology operating units and centres	Improved education outcomes and skills	320	320	298	327	327	338	366
Value of contract research and development income per year	Science engineering and technology operating units and centres	Increased infrastructure investment, access and efficiency	R2.4bn	R2.5bn	R3.1bn	R3.1bn	R3.2bn	R3.2bn	R3.3bn
Number of science, engineering and technology staff per year	Science engineering and technology operating units and centres	A dynamic science, technology and innovation ecosystem for growth	1 598	1 598	1 642	1 642	1 642	1 659	1 697
Number of science engineering and technology staff with doctorates per year	Science engineering and technology operating units and centres		336	336	312	312	312	315	322
Number of new technology demonstrators per year	Science engineering and technology operating units and centres		56	56	49	59	65	73	74
Number of new patents granted per year	Science engineering and technology operating units and centres	An enabling environment for investment and improved competitiveness through structural reforms	8	8	12	10	11	12	14

Entity overview

The Council for Scientific and Industrial Research was established in 1945 and is governed in terms of the Scientific Research Council Act (1988). The council fosters industrial and scientific development in the national interest through multidisciplinary research and technological innovation to improve the ability of the state to efficiently deliver basic services in fields such as health, education, social security, energy and shelter to all South Africans. In doing so, it broadly aims to reduce inequality.

Over the medium term, the council will continue to focus on developing transformative technologies that address national priorities through collaborating with tertiary education institutes, other science councils and industry partners. This is in an effort to ensure that new knowledge and technological advancements are effectively translated into practical solutions that benefit the economy and drive socioeconomic transformation through research development innovation, human capital and infrastructure. To achieve this, by the end of 2028/29, it aims to grant 37 new patents, sign 59 technology licence agreements, and carry out several research, development and innovation initiatives in fields such as energy, security, defence and health.

Expenditure is expected to increase at an average annual rate of 1.2 per cent, from R3.3 billion in 2025/26 to R3.4 billion in 2028/29. Spending on compensation of employees accounts for an estimated 59.1 per cent (R6 billion) of the council's budget over the medium term. Revenue is projected to increase at an average annual rate of 1.8 per cent, from R3.3 billion in 2025/26 to R3.4 billion in 2028/29, in part due to moderate growth in transfers from the department. Proceeds from intellectual property rights, technology transfers and royalties constitute a projected 77.7 per cent (R7.9 billion) of the council's revenue over the MTEF period.

Programmes/Objectives/Activities

Table 35.21 Council for Scientific and Industrial Research expenditure trends and estimates by programme/objective/activity

	Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Administration	568.3	618.7	640.0	552.9	-0.9%	18.3%	559.1	565.7	573.2	1.2%	16.7%
Science, Engineering and Technology operating units and centres	2 304.2	2 594.7	2 965.4	2 747.0	6.0%	81.7%	2 793.7	2 818.2	2 850.0	1.2%	83.3%
Total	2 872.5	3 213.4	3 605.4	3 299.9	4.7%	100.0%	3 352.8	3 383.9	3 423.3	1.2%	100.0%

Statements of financial performance, cash flow and financial position

Table 35.22 Council for Scientific and Industrial Research statements of financial performance, cash flow and financial position

Statement of financial performance											
	Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million											
Revenue											
Non-tax revenue	1 974.3	2 265.3	2 445.3	2 566.8	9.1%	70.7%	2 607.9	2 631.1	2 678.0	1.4%	77.7%
Sale of goods and services other than capital assets	1 877.2	2 165.5	2 339.0	2 505.0	10.1%	67.9%	2 546.1	2 569.3	2 616.1	1.5%	75.9%
Other non-tax revenue	97.1	99.7	106.3	61.8	-14.0%	2.8%	61.8	61.8	61.8	–	1.8%
Transfers received	942.0	985.2	1 201.1	702.1	-9.3%	29.3%	735.1	768.3	768.3	3.1%	22.3%
Total revenue	2 916.3	3 250.4	3 646.4	3 268.9	3.9%	100.0%	3 343.0	3 399.5	3 446.3	1.8%	100.0%
Expenses											
Current expenses	2 872.5	3 213.4	3 605.4	3 299.9	4.7%	100.0%	3 352.8	3 383.9	3 423.3	1.2%	100.0%
Compensation of employees	1 709.3	1 802.8	1 986.8	1 972.9	4.9%	57.5%	1 972.9	2 002.6	2 030.7	1.0%	59.1%
Goods and services	1 120.3	1 364.1	1 548.2	1 262.8	4.1%	40.8%	1 314.3	1 310.1	1 310.5	1.2%	38.7%
Depreciation	42.5	45.7	50.5	64.2	14.8%	1.6%	65.5	71.2	82.1	8.6%	2.2%
Interest, dividends and rent on land	0.4	0.9	19.9	–	-100.0%	0.2%	–	–	–	–	–
Total expenses	2 872.5	3 213.4	3 605.4	3 299.9	4.7%	100.0%	3 352.8	3 383.9	3 423.3	1.2%	100.0%
Surplus/(Deficit)	43.9	37.0	41.0	(31.0)	-189.0%		(9.8)	15.5	23.0	-190.5%	
Cash flow statement											
Cash flow from operating activities	0.2	(47.1)	(112.2)	112.0	717.5%	100.0%	213.9	211.3	156.0	11.7%	100.0%
Receipts											
Non-tax receipts	2 057.0	2 468.9	2 567.8	2 641.4	8.7%	77.4%	2 643.8	2 712.4	2 728.8	1.1%	78.1%
Sales of goods and services other than capital assets	2 024.1	2 443.4	2 537.2	2 579.6	8.4%	76.2%	2 582.0	2 650.6	2 666.9	1.1%	76.3%
Other tax receipts	32.9	25.5	30.6	61.8	23.4%	1.2%	61.8	61.8	61.8	–	1.8%
Transfers received	741.6	714.3	679.7	702.1	-1.8%	22.6%	735.1	768.3	768.3	3.1%	21.9%
Total receipts	2 798.6	3 183.2	3 247.5	3 343.5	6.1%	100.0%	3 378.9	3 480.7	3 497.1	1.5%	100.0%
Payment											
Current payments	2 798.4	3 230.4	3 359.7	3 231.5	4.9%	100.0%	3 165.0	3 269.4	3 341.1	1.1%	100.0%
Compensation of employees	1 690.2	1 803.8	1 987.9	1 972.9	5.3%	59.1%	1 972.9	2 002.6	2 030.7	1.0%	61.4%
Goods and services	1 108.2	1 426.5	1 371.8	1 258.6	4.3%	40.9%	1 192.1	1 266.9	1 310.4	1.4%	38.6%
Total payments	2 798.4	3 230.4	3 359.7	3 231.5	4.9%	100.0%	3 165.0	3 269.4	3 341.1	1.1%	100.0%
Net cash flow from investing activities	(173.1)	287.4	(146.5)	(165.0)	-1.6%	100.0%	(151.1)	(149.6)	(145.5)	-4.1%	100.0%
Acquisition of property, plant, equipment and intangible assets	(88.3)	(66.4)	(77.7)	(165.0)	23.2%	201.5%	(151.1)	(149.6)	(145.5)	-4.1%	100.0%
Proceeds from the sale of property, plant, equipment and intangible assets	4.7	1.7	0.6	–	-100.0%	-3.5%	–	–	–	–	–
Other flows from investing activities	(89.5)	352.1	(69.4)	–	-100.0%	-97.9%	–	–	–	–	–
Net cash flow from financing activities	(0.2)	(3.0)	67.1	(47.0)	546.3%	100.0%	(52.9)	(57.8)	(0.2)	-84.2%	100.0%
Borrowing activities	1.7	(0.5)	69.6	(47.0)	-403.5%	140.5%	(52.9)	(57.8)	(0.2)	-84.2%	100.0%
Repayment of finance leases	(1.9)	(2.4)	(2.6)	–	-100.0%	-40.5%	–	–	–	–	–
Net increase/(decrease) in cash and cash equivalents	(173.1)	237.3	(191.6)	(100.0)	-16.7%	100.0%	9.9	3.9	10.4	-147.0%	100.0%

Table 35.22 Council for Scientific and Industrial Research statements of financial performance, cash flow and financial position (continued)

Statement of financial position		Audited outcome			Revised estimate	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
		2022/23	2023/24	2024/25				2025/26	2022/23 - 2025/26	2026/27		
R million												
Carrying value of assets of which:		794.7	816.2	891.8	987.3	7.5%	30.5%	1 040.8	1 119.2	1 182.6	6.2%	38.1%
Acquisition of assets		(88.3)	(66.4)	(77.7)	(165.0)	23.2%	100.0%	(151.1)	(149.6)	(145.5)	-4.1%	100.0%
Investments		874.4	587.8	656.6	600.0	-11.8%	23.7%	592.4	592.4	592.4	-0.4%	20.3%
Inventory		207.0	198.9	203.8	298.6	13.0%	7.9%	257.8	256.4	257.7	-4.8%	8.8%
Receivables and prepayments		446.8	402.5	428.5	384.8	-4.9%	14.5%	393.7	400.5	406.1	1.8%	13.7%
Cash and cash equivalents		500.0	737.3	545.7	497.4	-0.2%	19.9%	514.9	518.7	529.1	2.1%	17.8%
Statutory receivables		-	-	221.3	173.2	-	3.4%	120.6	-	-	-100.0%	1.4%
Total assets		2 823.0	2 742.7	2 947.6	2 941.4	1.4%	100.0%	2 920.2	2 887.3	2 968.0	0.3%	100.0%
Accumulated surplus/(deficit)		1 282.1	1 323.0	1 428.0	1 454.0	4.3%	47.9%	1 444.3	1 459.8	1 482.8	0.7%	50.0%
Finance lease		8.0	8.3	7.2	3.8	-22.0%	0.2%	3.4	3.1	2.8	-10.0%	0.1%
Deferred income		1 064.9	974.4	828.8	954.6	-3.6%	33.4%	958.6	1 045.3	1 103.0	4.9%	35.4%
Trade and other payables		357.3	350.6	337.7	343.7	-1.3%	12.1%	381.2	366.8	366.9	2.2%	12.7%
Provisions		110.7	86.3	124.7	12.1	-52.2%	2.9%	12.2	12.3	12.4	1.0%	0.4%
Derivatives financial instruments		-	-	221.3	173.2	-	3.4%	120.6	-	-	-100.0%	1.4%
Total equity and liabilities		2 823.0	2 742.7	2 947.6	2 941.4	1.4%	100.0%	2 920.2	2 887.3	2 968.0	0.3%	100.0%

Personnel information

Table 35.23 Council for Scientific and Industrial Research personnel numbers and cost by salary level

Number of posts estimated for 31 March 2026		Number and cost ¹ of personnel posts filled/planned for on funded establishment										Average growth rate of personnel posts (%)	Average salary level/ Total (%)						
Number of approved funded posts	Number of posts on establishment	Actual		Revised estimate			Medium-term expenditure estimate												
		2024/25		2025/26			2026/27		2027/28		2028/29		2025/26 - 2028/29	2026/27 - 2028/29					
Council for Scientific and Industrial Research		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Salary level	2 643	2 643	2 589	1 986.8	0.8	2 643	1 972.9	0.7	2 643	1 972.9	0.7	2 670	2 002.6	0.8	2 731	2 030.7	0.7	1.1%	100.0%
1 – 6	515	515	505	58.6	0.1	515	58.2	0.1	515	58.2	0.1	520	59.1	0.1	533	59.9	0.1	1.2%	19.5%
7 – 10	1 190	1 190	1 163	657.0	0.6	1 190	652.4	0.5	1 190	652.4	0.5	1 205	662.2	0.5	1 230	671.5	0.5	1.1%	45.1%
11 – 12	462	462	453	456.1	1.0	462	452.9	1.0	462	452.9	1.0	465	459.8	1.0	476	466.2	1.0	1.0%	17.4%
13 – 16	445	445	437	708.5	1.6	445	703.6	1.6	445	703.6	1.6	449	714.2	1.6	461	724.2	1.6	1.2%	16.8%
17 – 22	31	31	31	106.5	3.4	31	105.8	3.4	31	105.8	3.4	31	107.4	3.5	31	108.9	3.5	-	1.2%

1. Rand million.

Human Sciences Research Council

Selected performance indicators

Table 35.24 Human Sciences Research Council performance indicators by programme/objective/activity and related outcome

Indicator	Programme/Objective/Activity	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of council articles achieving a citation count of at least 10 within 5 years of initial publication per year	Administration	Supportive and sustainable economic policy environment	192	173	178	168	169	170	171
Number of curated datasets downloaded for secondary use per year	Administration		577	360	1 036	360	400	440	490
Number of conferences or training academies for emerging African scholars per year	Administration	Skills for the economy	3	7	4	3	3	3	3
Number of unemployed graduates appointed as interns and supported in all provinces per year	Administration	Increased employment and work opportunities	-1	-1	-1	300	300	300	300

Table 35.24 Human Sciences Research Council performance indicators by programme/objective/activity and related outcome (continued)

Indicator	Programme/Objective/Activity	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of policy briefs and/or evidence reviews completed and published per year	Research, development and innovation	Supportive and sustainable economic policy environment	-1	-1	-1	30	30	30	30
Number of collaborative research projects with government, science councils and universities in human and social sciences per year	Research, development and innovation		-1	-1	-1	25	25	25	25
Number of scholarly book chapters published by council researchers per year	Research, development and innovation		40	88	65	50	55	60	65

1. No historical data available.

Entity overview

The Human Sciences Research Council was established in 1968 to undertake, promote and coordinate research in the human and social sciences. It is mandated to initiate, undertake and foster strategic, basic and applied research in human sciences; and address developmental challenges by gathering, analysing and publishing relevant data, especially through projects linked to collaborative programmes geared towards the public sector.

Over the medium term, the council will continue to focus on its commitment to producing research that serves the public; contributing to good governance and public service delivery; and helping to address the challenges of poverty, inequality and unemployment. Human capital is essential for the council to produce research outputs, implement contract research projects and raise funds. As such, spending on compensation of employees accounts for an estimated 51.8 per cent (R1.1 billion) of its total expenditure over the period ahead, increasing at an average annual rate of 5 per cent, from R323.1 million in 2025/26 to R374 million in 2028/29. Overall expenditure is set to increase at an average annual rate of 7.3 per cent, from R581.7 million in 2025/26 to R718.6 million in 2028/29.

The council receives an estimated 49.3 per cent (R1 billion) of its revenue over the medium term through transfers from the department, increasing at an average annual rate of 4.2 per cent, from R311.1 million in 2025/26 to R352.1 million in 2028/29. It plans to generate the remainder of its projected revenue through research contracts and grants from national and international agencies, government departments and private sector foundations. Revenue is expected to increase in line with projected expenditure.

Programmes/Objectives/Activities

Table 35.25 Human Sciences Research Council expenditure trends and estimates by programme/objective/activity

R million	Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26		2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
Administration	185.9	293.2	277.4	242.4	9.3%	38.4%	313.9	331.1	347.0	12.7%	48.0%
Research, development and innovation	568.0	351.8	343.4	339.3	-15.8%	61.6%	337.5	363.6	371.6	3.1%	52.0%
Total	753.8	644.9	620.8	581.7	-8.3%	100.0%	651.4	694.7	718.6	7.3%	100.0%

Statements of financial performance, cash flow and financial position

Table 35.26 Human Sciences Research Council statements of financial performance, cash flow and financial position

Statement of financial performance				Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
Audited outcome			2025/26				2022/23 - 2025/26	2026/27	2027/28		
R million	2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29	
Revenue											
Non-tax revenue	486.0	317.9	303.3	270.5	-17.7%	54.9%	325.7	354.3	366.5	10.6%	50.7%
Sale of goods and services other than capital assets	439.2	273.7	261.8	233.0	-19.0%	48.2%	279.2	305.5	315.2	10.6%	43.6%
Other non-tax revenue	46.9	44.2	41.5	37.5	-7.2%	6.8%	46.5	48.8	51.3	11.0%	7.1%
Transfers received	279.2	280.3	259.6	311.1	3.7%	45.1%	325.7	340.4	352.1	4.2%	49.3%
Total revenue	765.3	598.2	563.0	581.7	-8.7%	100.0%	651.4	694.7	718.6	7.3%	100.0%
Expenses											
Current expenses	753.8	644.9	620.8	541.1	-10.5%	98.4%	651.4	694.7	718.6	9.9%	100.0%
Compensation of employees	277.0	271.5	289.5	323.1	5.3%	44.6%	339.3	356.2	374.0	5.0%	51.8%
Goods and services	463.7	346.6	303.7	203.5	-24.0%	50.6%	286.7	311.6	316.1	15.8%	44.3%
Depreciation	13.1	24.3	26.2	13.3	0.4%	3.0%	24.1	25.6	27.1	26.7%	3.7%
Interest, dividends and rent on land	-	2.5	1.4	1.2	-	0.2%	1.3	1.3	1.4	5.1%	0.2%
Transfers and subsidies	-	-	-	40.6	-	1.6%	-	-	-	-100.0%	-
Total expenses	753.8	644.9	620.8	581.7	-8.3%	100.0%	651.4	694.7	718.6	7.3%	100.0%
Surplus/(Deficit)	11.4	(46.8)	(57.8)	-	-100.0%	-	-	-	-	-	-
Cash flow statement											
Cash flow from operating activities	(54.6)	(52.6)	22.5	(177.3)	48.1%	100.0%	(170.8)	(185.1)	(175.5)	-0.3%	100.0%
Receipts											
Non-tax receipts	764.4	619.2	789.9	754.8	-0.4%	69.7%	776.7	796.0	818.8	2.8%	69.1%
Sales of goods and services other than capital assets	758.0	615.9	788.0	748.0	-0.4%	69.3%	769.7	788.8	811.4	2.7%	68.5%
Other sales	319.8	341.5	526.2	529.0	18.3%	40.9%	539.6	550.4	561.4	2.0%	47.7%
Other tax receipts	6.4	3.3	1.9	6.8	2.0%	0.4%	7.0	7.2	7.5	3.0%	0.6%
Transfers received	321.1	322.3	300.6	326.2	0.5%	30.3%	341.4	356.7	372.3	4.5%	30.9%
Total receipts	1 085.5	941.5	1 090.5	1 081.0	-0.1%	100.0%	1 118.1	1 152.7	1 191.2	3.3%	100.0%
Payment											
Current payments	1 140.1	994.1	1 068.0	1 258.3	3.3%	100.0%	1 288.9	1 337.8	1 366.6	2.8%	100.0%
Compensation of employees	447.7	435.5	429.5	473.2	1.9%	40.0%	499.3	526.4	537.0	4.3%	39.1%
Goods and services	692.4	556.1	637.2	783.8	4.2%	59.8%	788.5	810.1	828.4	1.9%	60.8%
Interest and rent on land	-	2.5	1.4	1.2	-	0.1%	1.2	1.3	1.3	2.0%	0.1%
Total payments	1 140.1	994.1	1 068.0	1 258.3	3.3%	100.0%	1 288.9	1 337.8	1 366.6	2.8%	100.0%
Net cash flow from investing activities	(18.3)	(30.5)	(10.1)	(8.0)	-24.2%	100.0%	(8.0)	-	-	-100.0%	100.0%
Acquisition of property, plant, equipment and intangible assets	(18.3)	(28.6)	(10.1)	(8.0)	-24.3%	97.1%	(8.0)	-	-	-100.0%	100.0%
Acquisition of software and other intangible assets	-	(2.0)	(0.1)	-	-	3.2%	-	-	-	-	-
Proceeds from the sale of property, plant, equipment and intangible assets	0.1	0.0	0.0	-	-100.0%	-0.2%	-	-	-	-	-
Net increase/(decrease) in cash and cash equivalents	(72.8)	(83.1)	12.4	(185.3)	36.5%	100.0%	(178.8)	(185.1)	(175.5)	-1.8%	100.0%
Statement of financial position											
Carrying value of assets	286.8	287.6	270.6	259.3	-3.3%	57.0%	264.5	269.8	275.2	2.0%	58.3%
<i>of which:</i>											
Acquisition of assets	(18.3)	(28.6)	(10.1)	(8.0)	-24.3%	100.0%	(8.0)	-	-	-100.0%	100.0%
Inventory	4.1	3.8	4.9	2.1	-20.5%	0.8%	2.1	2.1	2.2	2.0%	0.5%
Receivables and prepayments	125.4	113.9	72.7	35.3	-34.4%	17.9%	36.0	36.8	37.5	2.0%	7.9%
Cash and cash equivalents	138.8	71.2	97.9	147.9	2.1%	23.5%	150.9	153.9	157.0	2.0%	33.3%
Taxation	5.9	8.3	1.4	0.1	-74.2%	0.8%	0.1	0.1	0.1	2.0%	-
Total assets	561.0	484.9	447.5	444.7	-7.4%	100.0%	453.6	462.7	471.9	2.0%	100.0%
Accumulated surplus/(deficit)	139.5	88.6	30.8	39.3	-34.5%	15.4%	40.0	40.8	41.7	2.0%	8.8%
Capital and reserves	257.5	253.7	253.7	253.7	-0.5%	52.6%	264.3	269.6	275.0	2.7%	58.3%
Deferred income	109.8	72.5	103.0	110.1	0.1%	20.4%	106.7	108.9	111.0	0.3%	23.5%
Trade and other payables	46.0	69.2	59.2	38.0	-6.2%	11.0%	38.7	39.5	40.3	2.0%	8.5%
Provisions	6.5	-	-	-	-100.0%	0.3%	-	-	-	-	-
Derivatives financial instruments	1.6	0.9	0.9	3.7	31.4%	0.4%	3.8	3.9	3.9	2.0%	0.8%
Total equity and liabilities	561.0	484.9	447.5	444.7	-7.4%	100.0%	453.6	462.7	471.9	2.0%	100.0%

Personnel information

Table 35.27 Human Sciences Research Council personnel numbers and cost by salary level

Number of posts estimated for 31 March 2026			Number and cost ¹ of personnel posts filled/planned for on funded establishment															Average growth rate of personnel posts (%)	Average: salary level/ Total (%)
			Actual			Revised estimate			Medium-term expenditure estimate										
Number of approved posts	Number of posts on funded establishment	Number of posts on funded establishment	2024/25			2025/26			2026/27			2027/28			2028/29			2025/26 - 2028/29	2026/27 - 2028/29
			Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost		
Human Sciences Research Council			407	289.5	0.7	383	323.1	0.8	407	339.3	0.8	407	356.2	0.9	407	374.0	0.9	2.0%	100.0%
Salary level																			
1 – 6	83	83	86	17.8	0.2	82	20.8	0.3	83	20.2	0.2	83	21.8	0.3	83	23.3	0.3	0.4%	20.4%
7 – 10	186	186	193	107.6	0.6	176	120.6	0.7	186	120.4	0.6	186	126.0	0.7	186	132.6	0.7	1.9%	45.7%
11 – 12	92	92	91	97.1	1.1	85	104.4	1.2	92	115.1	1.3	92	122.3	1.3	92	128.0	1.4	2.7%	22.6%
13 – 16	43	43	43	51.0	1.2	38	60.2	1.6	43	65.8	1.5	43	67.6	1.6	43	70.9	1.6	4.2%	10.6%
17 – 22	3	3	8	16.0	2.0	2	17.1	8.6	3	17.8	5.9	3	18.5	6.2	3	19.3	6.4	14.5%	0.7%

1. Rand million.

National Research Foundation

Selected performance indicators

Table 35.28 National Research Foundation performance indicators by programme/objective/activity and related outcome

Indicator	Programme/Objective/Activity	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of interventions that focus on learner development per year	Science engagement	Skills for the economy	– ¹	– ¹	17	13	17	18	18
Number of postgraduate students funded by the National Research Foundation per year	Research and innovation support and advancement	Improved education outcomes and skills	6 697	6 179	5 936	5 544	5 807	5 867	5 983
Number of researchers funded by the National Research Foundation per year	Research and innovation support and advancement	Supportive and sustainable economic policy environment	3 323	3 261	3 212	3 555	3 612	3 300	3 300
Value of foreign income derived from the National Research Foundation's activities or operations per year	National research infrastructure platforms	A dynamic science, technology and innovation ecosystem for growth	R152m	R240m	R306m	R358m	R349m	R460m	R383m
Number of patient doses generated from radioisotopes produced by iThemba Labs per year	National research infrastructure platforms	Improved access to affordable and quality health care	164 433	224 000	192 233	195 091	204 845	215 088	225 842
Number of active intellectual property products in the internal development stages per year	National research infrastructure platforms	A dynamic science, technology and innovation ecosystem for growth	14	16	27	28	30	33	36
Number of technical policy briefs produced by the National Research Foundation per year	National research infrastructure platforms	Increased trade and investment	28	24	27	23	20	20	20

1. No historical data available.

Entity overview

The National Research Foundation was established in terms of the National Research Foundation Act (1998), as amended. It is mandated to fund research, develop human resources, promote indigenous knowledge and provide research facilities to enable knowledge creation, innovation and development in all fields of science and technology. Over the medium term, the foundation will continue to focus on implementing its Vision 2030 strategy, which places knowledge, research and innovation at the centre of national development to improve the quality of life for South Africa's people, and the competitiveness of strategic economic sectors and industries, ensure the adequate protection and preservation of the country's natural heritage, and elevate South Africa's innovation and technological base towards a better society. For this purpose, an estimated 48.6 per cent (R9.3 billion) of the foundation's budget over the MTEF period is allocated towards national research facilities

in nuclear sciences, biodiversity, astronomy and geosciences.

Capital expenditure amounting to R3 billion (15.7 per cent of total expenditure) over the MTEF period is allocated for the Square Kilometre Array building. The project includes the array's science processing and regional centres, science operations centre, engineering operations centre, fencing for the Meerkat National Park, a dark fibre link from Northern Cape to Cape Town, and MeerKAT extension and preparatory costs for phase 1 of the Square Kilometre Array build.

Expenditure is expected to increase at an average annual rate of 3.8 per cent, from R5.9 billion in 2025/26 to R6.6 billion in 2028/29. Spending on compensation of employees accounts for 24.1 per cent (R4.6 billion) of total expenditure over the period ahead, increasing at an average annual rate of 8.2 per cent, from R1.3 billion in 2025/26 to R1.6 billion in 2028/29, because of new staffing requirements for the realigned structure.

The foundation receives revenue from a parliamentary grant, departmental contract funding, contract funding for specific projects and programmes from other government departments and entities, and income generated through sales and interest earned. Contract funding from the department is expected to account for 68.9 per cent (R14 billion) of total revenue, while contract funds from other government departments and entities accounts for a combined 10.6 per cent (R2.1 billion) and parliamentary grant funding for 16 per cent (R3.2 billion). Revenue is expected to increase at an average annual rate of 2.3 per cent, from R6.5 billion in 2025/26 to R6.9 billion in 2028/29.

Programmes/Objectives/Activities

Table 35.29 National Research Foundation expenditure trends and estimates by programme/objective/activity

	Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26		2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
R million											
Administration	120.7	169.3	195.3	253.2	28.0%	3.6%	282.5	293.3	306.1	6.5%	4.6%
Science engagement	124.7	117.7	125.2	135.3	2.8%	2.4%	144.4	142.4	148.3	3.1%	2.3%
Research and innovation support and advancement	2 336.7	2 236.0	2 547.2	2 600.1	3.6%	47.1%	2 690.0	2 866.0	2 922.0	4.0%	44.3%
National research infrastructure platforms	1 935.6	2 310.8	2 560.4	2 885.3	14.2%	46.9%	3 027.0	3 126.7	3 194.6	3.5%	48.8%
Total	4 517.7	4 833.9	5 428.1	5 873.9	9.1%	100.0%	6 143.8	6 428.5	6 571.0	3.8%	100.0%

Statements of financial performance, cash flow and financial position

Table 35.30 National Research Foundation statements of financial performance, cash flow and financial position

Statement of financial performance											
	Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
	2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26		2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
R million											
Revenue											
Non-tax revenue	434.3	932.3	966.8	993.6	31.8%	15.3%	1 036.1	1 181.1	1 052.2	1.9%	16.0%
Sale of goods and services other than capital assets	96.3	142.8	143.4	171.0	21.1%	2.5%	191.9	228.2	271.5	16.7%	3.4%
Other non-tax revenue	338.0	789.5	823.3	822.6	34.5%	12.7%	844.3	952.8	780.7	-1.7%	12.6%
Transfers received	4 244.5	4 282.8	4 466.4	5 486.7	8.9%	84.7%	5 568.3	5 675.1	5 883.7	2.4%	84.0%
Total revenue	4 678.8	5 215.1	5 433.2	6 480.3	11.5%	100.0%	6 604.5	6 856.2	6 935.9	2.3%	100.0%
Expenses											
Current expenses	2 267.1	2 680.4	2 999.3	3 387.2	14.3%	54.9%	3 679.1	3 802.9	3 874.4	4.6%	59.3%
Compensation of employees	859.3	924.9	1 041.4	1 254.7	13.4%	19.8%	1 441.9	1 579.3	1 589.9	8.2%	24.1%
Goods and services	1 157.6	1 483.2	1 672.1	1 827.6	16.4%	29.7%	1 945.9	1 921.0	1 971.2	2.6%	30.5%
Depreciation	250.2	272.3	285.4	304.9	6.8%	5.4%	291.2	302.6	313.3	0.9%	4.7%
Interest, dividends and rent on land	0.0	0.0	0.5	-	-100.0%	-	-	-	-	-	-
Transfers and subsidies	2 250.6	2 153.5	2 428.8	2 486.8	3.4%	45.1%	2 464.7	2 625.6	2 696.6	2.7%	40.7%
Total expenses	4 517.7	4 833.9	5 428.1	5 873.9	9.1%	100.0%	6 143.8	6 428.5	6 571.0	3.8%	100.0%
Surplus/(Deficit)	161.1	381.2	5.1	606.4	55.6%		460.7	427.7	364.9	-15.6%	

Table 35.30 National Research Foundation statements of financial performance, cash flow and financial position (continued)

Cash flow statement		Audited outcome			Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
		2022/23	2023/24	2024/25				2025/26	2026/27	2027/28		
R million		2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26		2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
Cash flow from operating activities		150.5	1 300.8	469.0	(56.5)	-172.1%	100.0%	697.5	594.8	1 050.3	-364.9%	100.0%
Receipts												
Non-tax receipts		214.2	202.3	320.0	229.6	2.3%	4.8%	231.9	267.2	309.5	10.5%	4.7%
Sales of goods and services other than capital assets		153.1	91.8	223.5	171.0	3.8%	3.2%	191.9	228.2	271.5	16.7%	4.0%
Other tax receipts		61.1	110.5	96.5	58.5	-1.4%	1.6%	40.0	39.0	38.0	-13.4%	0.7%
Transfers received		4 065.2	4 858.4	4 225.4	3 972.5	-0.8%	84.7%	4 987.1	4 422.7	4 519.6	4.4%	81.0%
Financial transactions in assets and liabilities		218.0	588.8	562.6	764.0	51.9%	10.6%	804.3	913.8	742.7	-0.9%	14.3%
Total receipts		4 497.4	5 649.4	5 108.1	4 966.1	3.4%	100.0%	6 023.3	5 603.8	5 571.7	3.9%	100.0%
Payment												
Current payments		2 156.4	2 222.5	2 213.2	2 535.8	5.6%	49.7%	2 861.0	3 112.5	2 578.4	0.6%	57.6%
Compensation of employees		860.1	911.2	1 051.5	1 254.7	13.4%	22.2%	1 441.9	1 579.3	1 589.9	8.2%	31.0%
Goods and services		1 296.3	1 311.3	1 161.2	1 281.1	-0.4%	27.5%	1 419.1	1 533.2	988.5	-8.3%	26.5%
Interest and rent on land		0.0	-	0.5	-	-100.0%	-	-	-	-	-	-
Transfers and subsidies		2 190.4	2 126.2	2 425.9	2 486.8	4.3%	50.3%	2 464.7	1 896.5	1 943.1	-7.9%	42.4%
Total payments		4 346.9	4 348.7	4 639.1	5 022.6	4.9%	100.0%	5 325.7	5 009.0	4 521.4	-3.4%	100.0%
Net cash flow from investing activities		(393.5)	(629.6)	(226.6)	(411.3)	1.5%	100.0%	(251.9)	(330.3)	(378.2)	-2.8%	100.0%
Acquisition of property, plant, equipment and intangible assets		(369.3)	(593.4)	(222.7)	(408.4)	3.4%	96.0%	(248.1)	(327.2)	(375.1)	-2.8%	99.0%
Acquisition of software and other intangible assets		(24.9)	(27.8)	(11.5)	(2.9)	-51.3%	4.0%	(3.8)	(3.1)	(3.1)	2.6%	1.0%
Proceeds from the sale of property, plant, equipment and intangible assets		0.7	1.6	7.5	-	-100.0%	-0.6%	-	-	-	-	-
Other flows from investing activities		-	(10.0)	-	-	-	0.6%	-	-	-	-	-
Net increase/(decrease) in cash and cash equivalents		(242.9)	671.2	242.4	(467.8)	24.4%	100.0%	445.6	264.5	672.1	-212.8%	100.0%
Statement of financial position												
Carrying value of assets		2 848.4	3 192.0	3 119.1	3 725.5	9.4%	61.1%	3 686.2	3 713.9	3 778.8	0.5%	68.7%
<i>of which:</i>												
Acquisition of assets		(369.3)	(593.4)	(222.7)	(408.4)	3.4%	100.0%	(248.1)	(327.2)	(375.1)	-2.8%	100.0%
Investments		485.7	476.2	480.4	467.1	-1.3%	9.1%	466.1	455.1	454.1	-0.9%	8.4%
Inventory		12.6	13.7	32.6	14.0	3.7%	0.3%	15.0	15.0	15.0	2.3%	0.3%
Receivables and prepayments		671.3	675.7	439.6	588.0	-4.3%	11.3%	553.5	524.0	504.0	-5.0%	9.7%
Cash and cash equivalents		454.2	1 125.4	1 367.8	900.0	25.6%	18.2%	800.0	700.0	600.0	-12.6%	12.9%
Defined benefit plan assets		0.5	0.6	-	-	-100.0%	-	-	-	-	-	-
Total assets		4 472.7	5 483.6	5 439.5	5 694.7	8.4%	100.0%	5 520.9	5 408.1	5 352.0	-2.0%	100.0%
Accumulated surplus/(deficit)		10.6	8.1	5.3	-	-100.0%	0.1%	-	-	-	-	-
Capital and reserves		122.1	162.3	243.0	200.0	17.9%	3.4%	180.0	160.0	150.0	-9.1%	3.0%
Capital reserve fund		2 848.4	3 192.0	3 119.1	3 725.5	9.4%	61.1%	3 686.2	3 713.9	3 778.8	0.5%	68.7%
Deferred income		1 358.3	1 961.2	1 696.5	1 622.6	6.1%	31.5%	1 513.6	1 393.6	1 288.1	-7.4%	25.8%
Trade and other payables		133.3	143.4	355.1	130.0	-0.8%	3.6%	125.0	125.0	120.0	-2.6%	2.3%
Provisions		-	16.6	20.4	16.5	-	0.3%	16.0	15.5	15.0	-3.1%	0.3%
Total equity and liabilities		4 472.7	5 483.6	5 439.5	5 694.7	8.4%	100.0%	5 520.9	5 408.1	5 352.0	-2.0%	100.0%

Personnel information

Table 35.31 National Research Foundation personnel numbers and cost by salary level

Number of posts estimated for 31 March 2026		Number and cost ¹ of personnel posts filled/planned for on funded establishment										Average growth rate of personnel posts (%)	Average: salary level/ Total (%)						
Number of funded posts	Number of approved establishment posts	Actual		Revised estimate		Medium-term expenditure estimate													
		2024/25	2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29											
National Research Foundation		Number	Unit cost	Number	Unit cost	Number	Unit cost	Number	Unit cost	Number	Unit cost								
Salary level	1 386	1 386	1 386	1 041.4	0.8	1 386	1 254.7	0.9	1 386	1 441.9	1.0	1 386	1 579.3	1.1	1 386	1 589.9	1.1		
1 – 6	210	210	210	49.3	0.2	210	68.5	0.3	210	78.7	0.4	210	86.2	0.4	210	86.8	0.4	-	15.2%
7 – 10	851	851	851	518.2	0.6	851	579.8	0.7	851	666.3	0.8	851	729.8	0.9	851	734.7	0.9	-	61.4%
11 – 12	213	213	213	250.9	1.2	213	321.4	1.5	213	369.4	1.7	213	404.6	1.9	213	407.3	1.9	-	15.4%
13 – 16	107	107	107	201.5	1.9	107	270.0	2.5	107	310.3	2.9	107	339.9	3.2	107	342.2	3.2	-	7.7%
17 – 22	5	5	5	21.5	4.3	5	14.9	3.0	5	17.2	3.4	5	18.8	3.8	5	18.9	3.8	-	0.4%

1. Rand million.

South African National Space Agency

Selected performance indicators

Table 35.32 South African National Space Agency performance indicators by programme/objective/activity and related outcome

Indicator	Programme/Objective/Activity	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of young people directly engaged in space-related sciences per year	Earth observation	Improved education outcomes and skills	42 707	58 076	41 000	50 000	54 000	56 000	60 000
Number of awareness and training interventions to key users of space-related products and services per year	Earth observation	A dynamic science, technology and innovation ecosystem for growth	7	7	10	12	18	24	25
Total revenue generated from space operations, applications and services per year	Space operation	Economic transformation and equitable inclusion of women, youth and persons with disabilities for a just society	R70m	R72m	R 73m	R73m	R74m	R76m	R22m
Number of students and interns supported for formalised training per year	Space science	Increased employment and work opportunities	29	72	72	72	72	72	72
Number of exploration missions supported per year	Space operation	A dynamic science, technology and innovation ecosystem for growth	-1	-1	-1	2	3	4	4

1. No historical data available.

Entity overview

The South African National Space Agency was established in terms of the South African National Space Agency Act (2008). It became operational in 2010 and is broadly required to promote the peaceful use of space, foster international cooperation in space-related activities, and facilitate the creation of an environment conducive to space technology and industrial development. Over the medium term, the agency will continue to focus on integrating space technologies in banking, insurance, mining and health innovation. This includes leveraging earth-observation intelligence and geospatial technologies to enhance banking and insurance risk assessment and disaster modelling, support mining exploration and environmental monitoring and safety, and enable health innovation through improved connectivity. This is expected to unlock new value, contribute to South Africa's economic development and drive new market opportunities.

Total expenditure is expected to decrease at an average annual rate of 17.7 per cent, from R811.8 million in 2025/26 to R452.7 million in 2028/29, mainly because funding for the Space Infrastructure Hub was provided as a time-bound capital investment and major construction and systems installation phases were scheduled to be completed by 2025/26, resulting in lower capital and project-related transfers over the MTEF period. Spending on compensation of employees accounts for an estimated 42.3 per cent (R760 million) of total expenditure over the period ahead. Transfers from the department account for an estimated 61.1 per cent (R1.1 billion) of total revenue over the MTEF period. The remainder is expected to be generated through the sale of goods and services other than capital assets, and other non-tax revenue. Revenue is expected to decrease in line with expenditure.

Programmes/Objectives/Activities

Table 35.33 South African National Space Agency expenditure trends and estimates by programme/objective/activity

Audited outcome	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)			
				2022/23	2023/24	2024/25			2025/26	2026/27	2028/29
R million											
Administration	98.6	124.0	137.8	178.8	22.0%	27.2%	157.7	160.8	170.0	-1.7%	27.2%
Earth observation	66.2	62.6	116.5	137.0	27.4%	19.3%	135.3	58.8	57.7	-25.0%	14.0%
Space operation	99.9	95.9	89.6	247.9	35.4%	26.9%	273.1	138.1	124.5	-20.5%	29.8%
Space science	70.5	75.7	85.3	88.4	7.8%	16.1%	75.8	76.0	79.5	-3.5%	12.9%
Space engineering	6.4	7.1	33.6	159.8	192.0%	10.4%	229.4	37.1	20.9	-49.2%	16.0%
Total	341.6	365.3	462.8	811.8	33.5%	100.0%	871.3	470.7	452.7	-17.7%	100.0%

Statements of financial performance, cash flow and financial position

Table 35.34 South African National Space Agency statements of financial performance, cash flow and financial position

Statement of financial performance				Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
Audited outcome			2025/26				2022/23 - 2025/26	2026/27	2027/28		
R million	2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29	
Revenue											
Non-tax revenue	143.0	175.9	178.4	241.5	19.1%	37.9%	222.1	233.9	242.7	0.2%	38.9%
Sale of goods and services other than capital assets	131.6	160.9	167.7	234.5	21.2%	35.7%	214.0	225.5	233.9	-0.1%	37.5%
Other non-tax revenue	11.4	14.9	10.7	7.1	-14.7%	2.3%	8.1	8.4	8.8	7.5%	1.4%
Transfers received	208.8	171.8	258.0	570.3	39.8%	62.1%	649.1	236.9	210.0	-28.3%	61.1%
Total revenue	351.8	347.7	436.4	811.8	32.1%	100.0%	871.3	470.7	452.7	-17.7%	100.0%
Expenses											
Current expenses	320.4	365.3	462.8	811.8	36.3%	98.9%	871.3	470.7	452.7	-17.7%	100.0%
Compensation of employees	158.7	187.8	199.8	230.0	13.2%	39.2%	241.4	253.0	265.6	4.9%	42.3%
Goods and services	134.9	175.0	263.0	581.8	62.8%	58.3%	629.9	217.7	187.1	-31.5%	57.7%
Depreciation	26.7	2.5	-	-	-100.0%	1.5%	-	-	-	-	-
Transfers and subsidies	21.2	-	-	-	-100.0%	1.1%	-	-	-	-	-
Total expenses	341.6	365.3	462.8	811.8	33.5%	100.0%	871.3	470.7	452.7	-17.7%	100.0%
Surplus/(Deficit)	10.3	(17.6)	(26.4)	-	-100.0%	-	-	-	-	-	-
Cash flow statement											
Cash flow from operating activities	102.1	480.3	(50.6)	84.6	-6.1%	100.0%	379.7	(7.9)	(47.0)	-182.2%	100.0%
Receipts											
Non-tax receipts	143.0	162.7	154.6	241.5	19.1%	35.0%	222.1	233.9	242.7	0.2%	38.9%
Sales of goods and services other than capital assets	133.2	149.2	146.6	235.1	20.8%	33.1%	214.6	226.1	234.5	-0.1%	37.6%
Other sales	1.6	1.5	2.7	75.8	264.6%	4.1%	0.6	0.6	0.6	-79.8%	0.1%
Other tax receipts	9.9	13.4	8.1	6.5	-13.0%	1.9%	7.5	7.8	8.2	8.0%	1.3%
Transfers received	208.8	662.4	205.7	228.4	3.0%	65.0%	649.1	236.9	210.0	-2.8%	61.1%
Total receipts	351.8	825.1	360.3	470.0	10.1%	100.0%	871.3	470.7	452.7	-1.2%	100.0%
Payment											
Current payments	249.7	344.7	411.0	385.4	15.6%	100.0%	491.5	478.7	499.6	9.0%	100.0%
Compensation of employees	158.7	189.0	200.9	230.0	13.2%	56.0%	241.4	253.0	265.6	4.9%	51.7%
Goods and services	91.0	155.7	210.0	155.4	19.5%	44.0%	250.2	225.7	234.0	14.6%	48.3%
Total payments	249.7	344.7	411.0	385.4	15.6%	100.0%	491.5	478.7	499.6	9.0%	100.0%
Net cash flow from investing activities	(53.4)	(22.9)	(75.2)	(152.7)	42.0%	100.0%	(325.2)	(12.8)	(8.3)	-62.1%	100.0%
Acquisition of property, plant, equipment and intangible assets	(51.3)	(22.8)	(74.0)	(128.7)	35.9%	91.0%	(325.2)	(12.5)	(8.1)	-60.3%	99.9%
Acquisition of software and other intangible assets	(2.1)	(0.2)	(1.2)	(24.0)	126.7%	9.0%	-	(0.3)	(0.3)	-78.2%	0.1%
Net increase/(decrease) in cash and cash equivalents	48.7	457.4	(125.8)	(68.1)	-211.8%	100.0%	54.5	(20.7)	(55.3)	-6.7%	100.0%
Statement of financial position											
Carrying value of assets of which:	532.2	469.3	501.4	1 872.4	52.1%	57.3%	1 949.9	2 034.9	2 126.3	4.3%	82.4%
Acquisition of assets	(51.3)	(22.8)	(74.0)	(128.7)	35.9%	100.0%	(325.2)	(12.5)	(8.1)	-60.3%	100.0%
Inventory	0.5	2.6	2.9	0.6	9.2%	0.1%	0.7	0.7	0.7	4.3%	-
Receivables and prepayments	31.1	95.2	119.0	24.4	-7.8%	4.6%	25.4	26.5	27.7	4.3%	1.1%
Cash and cash equivalents	359.3	816.7	690.9	375.7	1.5%	38.0%	391.2	408.3	426.6	4.3%	16.5%
Total assets	923.1	1 383.9	1 314.2	2 273.1	35.0%	100.0%	2 367.2	2 470.4	2 581.3	4.3%	100.0%
Accumulated surplus/(deficit)	673.7	656.1	629.7	673.7	-	44.7%	701.6	732.2	765.0	4.3%	29.6%
Borrowings	0.1	0.1	0.4	0.2	14.0%	-	0.2	0.2	0.2	4.3%	-
Deferred income	195.1	685.6	633.4	1 527.2	98.6%	51.6%	1 590.4	1 659.7	1 734.2	4.3%	67.2%
Trade and other payables	42.4	30.0	37.3	44.7	1.8%	2.6%	46.6	48.6	50.8	4.3%	2.0%
Provisions	11.9	12.1	13.5	27.3	32.0%	1.1%	28.5	29.7	31.0	4.3%	1.2%
Total equity and liabilities	923.1	1 383.9	1 314.2	2 273.1	35.0%	100.0%	2 367.2	2 470.4	2 581.3	4.3%	100.0%

Personnel information

Table 35.35 South African National Space Agency personnel numbers and cost by salary level

Number of posts estimated for 31 March 2026		Number and cost ¹ of personnel posts filled/planned for on funded establishment												Average growth rate of personnel posts (%)	Average: salary level/ Total (%)					
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate												
		2024/25			2025/26			2026/27		2027/28		2028/29		2025/26 - 2028/29	2026/27 - 2028/29					
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			Number	Cost	Unit cost		
South African National Space Agency		241	241	229	199.8	0.9	241	230.0	1.0	242	241.4	1.0	243	253.0	1.0	244	265.6	1.1	0.4%	100.0%
Salary level		20	20	15	3.2	0.2	20	4.9	0.2	20	5.1	0.3	20	5.3	0.3	20	5.6	0.3	-	8.2%
7 - 10		136	136	130	79.3	0.6	136	91.5	0.7	137	95.8	0.7	138	101.0	0.7	138	105.6	0.8	0.5%	56.7%
11 - 12		40	40	39	41.1	1.1	40	47.0	1.2	40	49.4	1.2	40	51.6	1.3	41	55.0	1.3	0.8%	16.6%
13 - 16		43	43	43	70.3	1.6	43	80.3	1.9	43	84.4	2.0	43	88.2	2.1	43	92.2	2.1	-	17.7%
17 - 22		2	2	2	5.9	2.9	2	6.3	3.1	2	6.6	3.3	2	6.9	3.4	2	7.2	3.6	-	0.8%

1. Rand million

Technology Innovation Agency

Selected performance indicators

Table 35.36 Technology Innovation Agency performance indicators by programme/objective/activity and related outcome

Indicator	Programme/Objective/Activity	MTDP outcome	Audited performance			Estimated performance	MTEF targets		
			2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29
Number of licensed or assigned technologies per year	Provide customer-centric, early-stage commercialisation for technology development	A dynamic science, technology and innovation ecosystem for growth	15	20	25	30	35	40	40
Number of successfully diffused technologies per year	Provide an enabling environment for technology innovation		15	20	24	28	32	35	60
Number of products launched per year	Provide customer-centric, early-stage commercialisation for technology development		28	29	44	48	52	55	80
Total value leveraged through signed agreements entered into with other parties per year	Provide an enabling environment for technology innovation		R250m	R275m	R310m	R320m	R325m	R340m	R400m
Number of patents, publication outputs and knowledge-based products (such as prototypes, technology demonstrators and technology assistance packages) produced per year	Technology development stations		149	165	220	250	255	258	270
Number of existing, operational and functional technology platforms per year	Provide bioeconomy programmes and platforms		8	8	10	10	10	10	10

Entity overview

The Technology Innovation Agency draws its mandate from the Technology Innovation Agency Act (2008), as amended. The agency serves as the key institutional intervention to bridge the innovation gap between research and development outcomes from higher education institutions, science councils, public entities and private companies to maximise the potential of technological innovation for stimulating the economy.

Over the medium term, the agency will continue to focus on providing support to SMMEs and increasing the participation of marginalised segments of society, such as people in townships, rural communities, women, young people and people with disabilities. Increased efforts will be made to empower historically disadvantaged

individuals through deliberate investment decisions, stakeholder engagements and general mobilisation initiatives. As such, expenditure is expected to increase at an average annual rate of 20.9 per cent, from R599.4 million in 2025/26 to R1.1 billion in 2028/29. This is mainly due to the expansion of innovation financing and enterprise support programmes implemented through contracted initiatives with the department and new co-funded partnerships. These include increased funding for technology demonstration and pilot projects, seed and early-stage financing for SMMEs, venture-building and commercialisation support. The agency is set to receive 93.6 per cent (R2.4 billion) of its revenue over the medium term through transfers from the department. Revenue is projected to increase in line with expenditure.

Programmes/Objectives/Activities

Table 35.37 Technology Innovation Agency expenditure trends and estimates by programme/objective/activity

	Audited outcome			Revised estimate	Average growth rate (%)		Medium-term expenditure estimate			Average growth rate (%)	
	2022/23	2023/24	2024/25		2025/26	2022/23 - 2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
R million											
Administration	96.1	106.1	68.7	61.0	-14.1%	12.1%	71.8	78.6	78.6	8.8%	8.9%
Provide customer-centric, early-stage commercialisation for technology development	128.3	121.3	78.7	-	-100.0%	12.0%	-	-	-	-	-
Provide an enabling environment for technology innovation	105.2	91.4	260.0	-	-100.0%	16.6%	-	-	-	-	-
Provide bioeconomy programmes and platforms	275.6	262.5	215.8	-	-100.0%	27.4%	-	-	-	-	-
Technology development stations	147.6	126.7	63.4	-	-100.0%	12.3%	-	-	-	-	-
Intensified Commercialised Innovations	-	-	-	310.2	-	11.3%	328.8	416.1	444.6	12.7%	46.2%
Enabling and strengthening of the innovation ecosystem	-	-	-	228.1	-	8.3%	243.8	376.8	536.1	32.9%	44.9%
Total	752.7	707.9	686.7	599.4	-7.3%	100.0%	644.4	871.5	1 059.3	20.9%	100.0%

Statements of financial performance, cash flow and financial position

Table 35.38 Technology Innovation Agency statements of financial performance, cash flow and financial position

Statement of financial performance	Audited outcome			Revised estimate	Average growth rate (%)		Medium-term expenditure estimate			Average growth rate (%)	
	2022/23	2023/24	2024/25		2025/26	2022/23 - 2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29
R million											
Revenue											
Non-tax revenue	48.0	74.8	89.0	47.5	-0.4%	9.3%	54.1	51.5	59.6	7.9%	6.4%
Other non-tax revenue	48.0	74.8	89.0	47.5	-0.4%	9.3%	54.1	51.5	59.6	7.9%	6.4%
Transfers received	727.2	614.5	646.8	551.9	-8.8%	90.7%	590.3	820.1	999.6	21.9%	93.6%
Total revenue	775.3	689.4	735.8	599.4	-8.2%	100.0%	644.4	871.5	1 059.3	20.9%	100.0%
Expenses											
Current expenses	98.9	193.1	195.5	181.9	22.5%	24.4%	188.8	201.3	214.3	5.6%	23.5%
Compensation of employees	47.3	124.1	125.2	130.8	40.3%	15.6%	136.7	146.6	156.8	6.2%	17.1%
Goods and services	50.6	66.8	64.5	47.0	-2.4%	8.3%	45.0	48.7	51.1	2.8%	5.6%
Depreciation	1.0	2.1	5.8	4.1	60.4%	0.5%	7.1	6.0	6.3	16.0%	0.8%
Transfers and subsidies	653.8	514.9	491.1	417.5	-13.9%	75.6%	455.6	670.3	845.0	26.5%	76.5%
Total expenses	752.7	707.9	686.7	599.4	-7.3%	100.0%	644.4	871.5	1 059.3	20.9%	100.0%
Surplus/(Deficit)	22.5	(18.5)	49.1	-	-100.0%		-	-	-	-	-

Table 35.38 Technology Innovation Agency statements of financial performance, cash flow and financial position (continued)

Cash flow statement		Audited outcome				Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
		2022/23	2023/24	2024/25	2025/26	2022/23 - 2025/26	2026/27	2027/28	2028/29	2025/26 - 2028/29	2026/27 - 2028/29		
R million													
Cash flow from operating activities		1.1	590.7	669.3	(0.0)	-106.8%	100.0%	0.0	(0.0)	(0.0)	2.1%	100.0%	
Receipts													
Non-tax receipts		10.5	46.0	51.9	13.5	8.7%	4.3%	14.1	14.7	15.8	5.3%	2.2%	
Other tax receipts		10.5	46.0	51.9	13.5	8.7%	4.3%	14.1	14.7	15.8	5.3%	2.2%	
Transfers received		458.4	459.4	432.7	420.0	-2.9%	62.6%	458.8	531.8	555.6	9.8%	75.3%	
Financial transactions in assets and liabilities		4.5	405.3	385.4	142.8	216.6%	33.1%	146.6	153.2	163.9	4.7%	22.6%	
Total receipts		473.4	910.7	870.1	576.4	6.8%	100.0%	619.4	699.7	735.3	8.5%	100.0%	
Payment													
Current payments		169.6	171.5	200.8	183.9	2.7%	46.2%	193.6	202.3	214.0	5.2%	29.7%	
Compensation of employees		120.2	123.8	125.2	130.8	2.9%	31.9%	136.7	142.9	152.9	5.3%	21.0%	
Goods and services		49.4	47.7	75.6	53.1	2.4%	14.4%	56.9	59.5	61.2	4.9%	8.6%	
Transfers and subsidies		302.7	148.5	-	392.5	9.0%	53.8%	425.8	497.3	521.2	9.9%	70.3%	
Total payments		472.3	320.0	200.8	576.4	6.9%	100.0%	619.4	699.7	735.3	8.5%	100.0%	
Net cash flow from investing activities		(1.1)	(2.7)	-	-	-100.0%	100.0%	-	-	-	-	-	
Acquisition of property, plant, equipment and intangible assets		(2.0)	(0.3)	-	-	-100.0%	59.1%	-	-	-	-	-	
Acquisition of software and other intangible assets		(6.8)	(2.4)	-	-	-100.0%	244.0%	-	-	-	-	-	
Other flows from investing activities		7.6	-	-	-	-100.0%	-203.0%	-	-	-	-	-	
Net cash flow from financing activities		111.0	-	-	0.0	-98.6%	100.0%	-	-	-	-100.0%	-	
Deferred income		111.0	-	-	0.0	-98.6%	100.0%	-	-	-	-100.0%	-	
Net increase/(decrease) in cash and cash equivalents		111.0	588.0	669.3	(0.0)	-100.6%	100.0%	0.0	(0.0)	(0.0)	139.9%	100.0%	
Statement of financial position													
Carrying value of assets		12.0	25.9	23.5	23.5	25.2%	3.0%	24.0	24.0	28.8	7.1%	17.3%	
of which:													
Acquisition of assets		(2.0)	(0.3)	-	-	-100.0%	100.0%	-	-	-	-	-	
Investments		3.2	26.3	40.3	40.3	132.2%	4.0%	3.1	3.1	3.8	-54.6%	2.3%	
Loans		48.6	27.1	26.1	26.1	-18.7%	4.6%	24.3	24.3	29.2	3.8%	17.6%	
Receivables and prepayments		9.2	14.2	36.8	36.8	58.8%	3.5%	4.7	4.7	5.7	-46.3%	3.4%	
Cash and cash equivalents		433.9	588.0	669.3	669.3	15.5%	84.9%	82.4	82.4	98.9	-47.1%	59.5%	
Total assets		506.9	681.5	796.0	796.0	16.2%	100.0%	138.7	138.7	166.4	-40.7%	100.0%	
Accumulated surplus/(deficit)		125.2	129.9	176.9	176.9	12.2%	21.9%	83.2	83.2	99.8	-17.4%	60.0%	
Capital reserve fund		319.9	501.2	536.9	120.1	-27.9%	53.2%	29.9	29.9	35.9	-33.1%	21.6%	
Borrowings		-	-	-	0.5	-	-	-	-	-	-100.0%	-	
Finance lease		-	0.6	-	-	-	-	0.6	0.6	0.7	-	0.4%	
Trade and other payables		61.7	34.4	67.0	81.6	9.8%	8.8%	24.6	24.6	29.5	-28.8%	17.7%	
Provisions		-	14.8	14.7	416.8	-	16.1%	-	-	-	-100.0%	-	
Derivatives financial instruments		0.0	0.6	0.5	-	-100.0%	-	0.4	0.4	0.5	-	0.3%	
Total equity and liabilities		506.9	681.5	796.0	796.0	16.2%	100.0%	138.7	138.7	166.4	-40.7%	100.0%	

Personnel information

Table 35.39 Technology Innovation Agency personnel numbers and cost by salary level

Number of posts estimated for 31 March 2026		Number and cost ¹ of personnel posts filled/planned for on funded establishment														Average growth rate of personnel posts (%)	Average: salary level/ Total (%)		
		Actual			Revised estimate			Medium-term expenditure estimate											
Number of approved funded posts	Number of posts on establishment	2024/25		2025/26		2026/27		2027/28		2028/29		2025/26 - 2028/29	2026/27 - 2028/29						
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number			Cost	Unit cost				
Technology Innovation Agency																			
Salary level	165	165	160	125.2	0.8	165	130.8	0.8	165	136.7	0.8	165	146.6	0.9	165	156.8	1.0	-	100.0%
1 – 6	47	47	44	6.7	0.2	47	6.9	0.1	47	7.1	0.2	47	6.8	0.1	47	7.7	0.2	-	28.5%
7 – 10	85	85	85	58.0	0.7	85	60.7	0.7	85	64.9	0.8	85	72.1	0.8	85	78.5	0.9	-	51.5%
11 – 12	22	22	22	23.2	1.1	22	24.3	1.1	22	24.8	1.1	22	26.0	1.2	22	27.1	1.2	-	13.3%
13 – 16	7	7	6	32.7	5.5	7	34.2	4.9	7	35.0	5.0	7	36.5	5.2	7	38.1	5.4	-	4.2%
17 – 22	4	4	3	4.6	1.5	4	4.8	1.2	4	4.9	1.2	4	5.1	1.3	4	5.4	1.3	-	2.4%

1. Rand million.