

◀ 2020 ▶ BUDGET

VOTE
34

MINERAL RESOURCES
AND ENERGY



national treasury

Department:
National Treasury
REPUBLIC OF SOUTH AFRICA



Estimates of National Expenditure

2020

**National Treasury
Republic of South Africa**



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The 2020 Estimates of National Expenditure is compiled with the latest available information from departmental and other sources. Some of this information is unaudited or subject to revision.

The Estimates of National Expenditure e-publications for individual votes are available at www.treasury.gov.za. Compared to the abridged Estimates of National Expenditure publication, the e-publications for each vote contain more comprehensive coverage of all public entities, transfers and subsidies and information on programme specific personnel expenditure.

Foreword

The Estimates of National Expenditure (ENE) publications remain an integral part of the annual budgeting process. In light of the prevailing economic climate, which requires careful consideration around the management of public funds, it has become necessary to focus our efforts on reprioritising existing government resources to areas where the most value can be derived for the benefit of all South Africans. To alleviate fiscal pressures, reductions have been effected on the baseline budgets of departments and public entities. The budgets unpacked in this document reflect the outcome of a robust negotiation process, which was led by a committee of senior officials in central government departments under the political guidance of the Ministers' Committee on the Budget. There was also wide-ranging intergovernmental consultation on budgets in the provincial and local spheres of government. Ultimately, the budgetary proposals emanating from these negotiations and consultations were considered and approved by Cabinet.

The abridged ENE provides a comprehensive account of the priorities, spending plans and service delivery commitments of the 41 national government votes, and for selected public entities. The e-publications for each vote, which are available on National Treasury's website, contain further details on goods and services, transfers and subsidies, other public entities, and lower-level spending information on service delivery. In addition, the Vulekamali online portal serves as a transparent, user-friendly source of information that includes supplementary detailed data as contained in the ENE publications. The portal is a valuable resource for anyone to learn about how government compiles its budget and spends public funds.

The Open Budget Survey, which is published biannually by the International Budget Partnership, assesses and ranks countries based on the availability of 8 key budget documents and the comprehensiveness of the data presented in these documents. In the latest survey, published in 2017, South Africa ranked joint first out of 102 countries with a score of 89 per cent. The next survey is expected to be published in 2020/21 and hopefully South Africa will retain that first position.

All information presented in the ENE publications and Vulekamali promotes a culture of public engagement, accountability in state institutions, and the appropriate spending of public funds to achieve the outcomes as envisaged in the National Development Plan.

A special thanks is extended to all contributors and government colleagues who assisted in making this possible, especially the political leadership shown by the executive and the spirited efforts of the National Treasury team.



Dondo Mogajane
Director-General: National Treasury

Introduction

Estimates of National Expenditure publications

Estimates of National Expenditure (ENE) publications describe in detail government's expenditure plans over the next three financial years, also known as the medium-term expenditure framework (MTEF) period. The 2020 MTEF period is from 2020/21 to 2022/23.

The ENE publications contain detailed information regarding the allocations set out in the Appropriation Bill, for the current financial year. Government's proposed spending plans for the full MTEF period, are shown. Information on how government institutions have spent their budgets in previous years is also included. Explanations are provided on how institutions intend to use their allocations over the medium term to achieve their goals, and the outputs and outcomes to which their spending is expected to lead. Tables present non-financial performance indicators and targets, departmental receipts, and detailed expenditure trends and estimates by programme, subprogramme and economic classification, and programme personnel data tables for each vote and all entities. Brief explanatory narratives set out the institution's purpose (and that of its programmes), mandate, programme-level objectives and descriptions of subprogrammes. An in-depth narrative analyses the institution's expected expenditure over the MTEF period.

Additional data tables containing information on provincial and municipal conditional grants, public-private partnerships, donor funding, infrastructure spending and information at the level of site service delivery, where applicable, are available on the National Treasury website and the Vulekamali online portal.

A separate 2020 ENE Overview publication is also available on the National Treasury website and summarises the ENE information across all votes. The 2020 ENE Overview contains a narrative explanation and budget-wide summary tables; and it also has a write-up on how to interpret the information that is contained in each section of the publications.

Mineral Resources and Energy

National Treasury

Republic of South Africa



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Mineral Resources and Energy

Budget summary

R million	2020/21				2021/22	2022/23
	Total	Current payments	Transfers and subsidies	Payments for capital assets	Total	Total
MTEF allocation						
Administration	642.3	621.5	3.5	17.4	683.2	707.8
Minerals and Petroleum Regulation	574.7	373.3	201.4	0.0	608.7	632.7
Mining, Minerals and Energy Policy Development	993.1	181.3	811.7	0.1	892.6	952.2
Mine Health and Safety Inspectorate	232.7	229.4	2.4	0.8	252.0	261.5
Mineral and Energy Resources Programmes and Projects	5 798.1	240.7	5 557.3	0.1	5 977.7	6 829.7
Nuclear Energy Regulation and Management	1 096.1	37.8	1 058.3	–	1 155.8	1 199.5
Total expenditure estimates	9 337.0	1 684.0	7 634.6	18.4	9 570.0	10 583.4
Executive authority	Minister of Mineral Resources and Energy					
Accounting officer	Director-General of Mineral Resources and Energy					
Website	www.energy.gov.za					

The Estimates of National Expenditure e-publications for individual votes are available at www.treasury.gov.za. These publications provide more comprehensive coverage of vote-specific information, particularly about transfers and subsidies, personnel and other public institutions. Additional tables in Excel format can be found at www.treasury.gov.za and www.vulekamali.gov.za.

Vote purpose

Regulate the minerals and mining sector for transformation, growth and development. Formulate energy policies, regulatory frameworks and legislation to ensure energy security, environmentally friendly carriers, and access to affordable and reliable energy.

Mandate

The Department of Mineral Resources and Energy is mandated to ensure the transparent and efficient regulation of South Africa's mineral resources and minerals industry, and the secure and sustainable provision of energy in support of socioeconomic development. A number of acts regulate the mining, minerals and energy sectors. Key among these are:

- the Mineral and Petroleum Resources Development Act (2002), which provides the regulatory framework for equitable access to and the sustainable development of mineral resources and related matters.
- the Mine Health and Safety Act (1996), which governs mine health and safety.
- the National Energy Act (2008), which empowers the minister to plan for and ensure the security of supply for the energy sector.
- the Petroleum Products Act (1977), which regulates the petroleum industry at the manufacturing, wholesale and retail levels.
- the Electricity Regulation Act (2006), which establishes a national regulatory framework for the electricity supply industry, including registration and licensing.

Selected performance indicators

Table 34.1 Performance indicators by programme and related priority

Indicator	Programme	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of new petroleum retail site inspections per year	Minerals and Petroleum Regulation	Priority 1: Economic transformation and job creation	1 515	2 099	1 500	1 500	1 500	1 500	1 500
Number of mining rights and permits granted or issued to historically disadvantaged South Africans per year	Minerals and Petroleum Regulation		175	178	183	120	120	120	120
Number of mining industry workshops on compliance issues conducted per year	Minerals and Petroleum Regulation		14	8	12	9	9	9	9
Number of social and labour plan verification inspections per year	Minerals and Petroleum Regulation		275	306	251	212	212	212	212
Number of environmental verification inspections conducted per year	Minerals and Petroleum Regulation	Priority 5: Social cohesion and safe communities	1 465	1 583	1 502	1 275	1 275	1 275	1 275
Number of mine economic verification audits per year	Minerals and Petroleum Regulation	Priority 1: Economic transformation and job creation	501	487	384	425	425	425	425
Number of mineral legislation compliance inspections conducted per year	Minerals and Petroleum Regulation		264	212	155	150	150	150	150
Number of mine inspections conducted per year	Mine Health and Safety Inspectorate		9 363	9 425	8 567	8 000	8 000	8 000	8 000
Number of derelict and ownerless mines rehabilitated per year	Programmes and Projects	Priority 5: Social cohesion and safe communities	45	43	20	43	43	43	43
Number of energy savings realised and verified from energy efficiency and demand-side management grant per year (terawatt hours)	Programmes and Projects	Priority 1: Economic transformation and job creation	– ¹	5.8TWh	3.4TWh	0.5TWh	0.5TWh	0.5TWh	0.5TWh
Number of additional households electrified with grid electrification per year	Programmes and Projects		301 976	275 830	242 905	181 500	180 000	180 000	200 000
Number of bulk substations built per year	Programmes and Projects		3	3	8	2	2	2	2
Number of additional substations upgraded per year	Programmes and Projects		3	4	4	3	3	3	3
Kilometres of new medium-voltage power lines constructed per year	Programmes and Projects		296	161	202	50	50	50	50
Kilometres of existing medium-voltage power lines upgraded per year	Programmes and Projects		9	32	2	50	50	50	50
Number of additional households electrified with non-grid electrification per year	Programmes and Projects		16 922	16 875	13 090	20 000	15 000	15 000	15 000

1. No historical data available.

Expenditure analysis

The National Development Plan envisages that, by 2030, South Africa will have an adequate supply of electricity and liquid fuels to maintain economic activity and prevent economic disruptions, and a mining sector that prioritises the welfare of its human resources and the environment. To give effect to this vision, over the medium term, the Department of Mineral Resources and Energy will focus on transforming mining and energy resources, rehabilitating mines and the environment, extending access to electricity, enhancing energy efficiency, and managing nuclear energy in accordance with international commitments. These focus areas contribute to priority 1 (economic transformation and job creation) and priority 5 (social cohesion and safe communities) of government's 2019–2024 medium-term strategic framework.

Transfers and subsidies to public entities and municipalities of R24 billion over the MTEF period account for

an estimated 81.6 per cent of the department's planned spending. Total expenditure is expected to increase at an average annual rate of 4.8 per cent, from R9.2 billion in 2019/20 to R10.6 billion in 2022/23.

Due to the labour-intensive nature of the department's work, which requires inspections to be conducted to ensure that mining companies comply with legislative requirements, expenditure on compensation of employees amounts to an estimated R3.6 billion over the medium term, 11.9 per cent of total expenditure. To remain within the expenditure ceiling for compensation of employees, the number of personnel in the department is expected to decrease from 1 917 in 2019/20 to 1 882 in 2022/23. This decrease is not expected to have an impact on service delivery as the affected posts are mainly administrative, and to avoid the duplication of functions following the merger of the Department of Mineral Resources with the Department of energy through the national macro organisation of government in 2019/20.

Transforming mining and energy resources

As the department works towards growing the economy and creating jobs, it will seek to accelerate transformation within the mining and energy sectors by monitoring and enforcing compliance with the newly approved mining charter, and monitoring adherence to social labour plans. It will also promote the exploration of onshore and offshore oil and gas resources and their optimal development, and investments in the mineral and upstream petroleum sectors. Activities related to these initiatives are expected to lead to an increase in expenditure, from R399.2 million in 2019/20 to R468.1 million in 2022/23 at an average annual rate of 5.5 per cent, in the *Mineral Regulation and Administration* subprogramme in the *Minerals and Petroleum Regulation* programme.

Rehabilitating mines and the environment

The department plans to intensify its efforts to rehabilitate dangerous, derelict and ownerless mining sites to promote the health and safety of mine employees and people in surrounding communities. Over the medium term, it aims to rehabilitate 129 mines, conduct 3 825 environmental inspections, and conduct 24 000 health inspections. As a result, allocations in the *Mine Health and Safety Inspectorate* programme are expected to increase from R224.8 million in 2019/20 to R261.5 million in 2022/23 at an average annual rate of 5.2 per cent.

Extending access to electricity

In support of government's policy to extend access to electricity to all South Africans, an additional 560 000 households are expected to be connected to the electricity grid over the medium term. To enable this, 6 new substations are set to be built and 9 substations upgraded. A further 15 000 households per year are expected to be provided with non-grid, mainly solar, electrification.

Despite reductions over the MTEF period of R1.2 billion in indirect grants to Eskom and R380.5 million in municipal grants, mainly in 2020/21 and 2021/22, spending in the *Integrated National Electrification Programme* subprogramme is expected to increase at an average annual rate of 5.1 per cent, from R5.2 billion in 2019/20 to R6.1 billion in 2022/23. Transfers to Eskom are set to increase from R3.1 billion in 2019/20 to R3.7 billion in 2022/23 at an average annual rate of 5.7 per cent, and transfers to municipalities are set to increase from R1.9 billion in 2019/20 to R2.1 billion in 2022/23 at an average annual rate of 4.4 per cent. Transfers for non-grid connections are expected to increase from R212.9 million in 2019/20 to R238.5 million in 2022/23 at an average annual rate of 3.9 per cent.

The department's electrification master plan, which is intended to inform the rollout of electrification connections for universal access, is expected to be finalised in 2020/21. The plan will provide a model for allocating resources based on data informed by factors such as backlogs, and is allocated R17.2 million over a two-year period, ending in 2020/21.

Enhancing energy efficiency

To realise a target of 1.5 terawatt hours of energy savings over the medium term, allocations to the *energy efficiency and demand-side management grant* are expected to increase from R227.1 million in 2019/20 to

R243.3 million in 2022/23. This will enable municipalities to undertake initiatives to upgrade municipal infrastructure that is not energy efficient, such as replacing street and traffic lights with greener technology.

Managing nuclear energy

The *Nuclear Energy Regulation and Management* programme accounts for an estimated 11.7 per cent of the department's total expenditure over the medium term, mainly comprising transfers to entities. The South African Nuclear Energy Corporation is allocated R3 billion over the MTEF period, of which R2.3 billion is for operational costs and R635 million for the decontamination and decommissioning of old strategic nuclear facilities. The National Radioactive Waste Disposal Institute is set to receive R155 million over the period ahead for its operationalisation while it finalises its application for a radioactive waste disposal licence from the National Nuclear Regulator.

Expenditure trends and estimates

Table 34.2 Vote expenditure trends and estimates by programme and economic classification

Programmes											
1. Administration											
2. Minerals and Petroleum Regulation											
3. Mining, Minerals and Energy Policy Development											
4. Mine Health and Safety Inspectorate											
5. Mineral and Energy Resources Programmes and Projects											
6. Nuclear Energy Regulation and Management											
Programme	Audited outcome			Adjusted appropriation	Average growth rate (%)	Average Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%)	Average Expenditure/ Total (%)
R million	2016/17	2017/18	2018/19	2019/20	2016/17 - 2019/20	2019/20	2020/21	2021/22	2022/23	2019/20 - 2022/23	2022/23
Programme 1	612.2	604.9	622.1	624.9	0.7%	6.7%	642.3	683.2	707.8	4.2%	6.9%
Programme 2	341.2	449.1	470.6	537.8	16.4%	4.9%	574.7	608.7	632.7	5.6%	6.1%
Programme 3	899.0	879.9	982.8	1 018.9	4.3%	10.2%	993.1	892.6	952.2	-2.2%	10.0%
Programme 4	191.3	205.4	210.3	224.8	5.5%	2.2%	232.7	252.0	261.5	5.2%	2.5%
Programme 5	6 258.5	6 788.1	5 814.5	5 740.9	-2.8%	66.4%	5 798.1	5 977.7	6 829.7	6.0%	62.9%
Programme 6	871.7	793.9	870.0	1 038.5	6.0%	9.6%	1 096.1	1 155.8	1 199.5	4.9%	11.6%
Total	9 173.9	9 721.3	8 970.4	9 185.8	0.0%	100.0%	9 337.0	9 570.0	10 583.4	4.8%	100.0%
Change to 2019 Budget estimate				(259.5)			(160.7)	(881.6)	(310.6)		
Economic classification											
Current payments	1 453.2	1 454.2	1 556.2	1 579.5	2.8%	16.3%	1 684.0	1 778.5	1 850.9	5.4%	17.8%
Compensation of employees	880.3	910.5	957.9	1 045.5	5.9%	10.2%	1 118.1	1 190.8	1 242.6	5.9%	11.9%
Goods and services ¹	573.0	543.6	598.3	534.0	-2.3%	6.1%	565.9	587.7	608.3	4.4%	5.9%
<i>of which:</i>											
Computer services	37.5	35.6	35.5	39.4	1.6%	0.4%	43.5	45.7	45.4	4.9%	0.4%
Consultants: Business and advisory services	110.7	32.5	53.0	107.0	-1.1%	0.8%	134.5	132.8	136.4	8.4%	1.3%
Operating leases	128.3	123.8	130.8	84.5	-13.0%	1.3%	92.2	97.3	101.5	6.3%	1.0%
Travel and subsistence	120.4	112.9	121.6	114.6	-1.6%	1.3%	113.0	119.4	125.4	3.1%	1.2%
Operating payments	27.7	101.1	118.1	29.7	2.3%	0.7%	17.3	18.3	19.0	-13.9%	0.2%
Venues and facilities	16.5	14.7	13.8	16.5	0.0%	0.2%	17.3	18.3	19.0	5.0%	0.2%
Interest and rent on land	-	-	0.0	-	0.0%	0.0%	-	-	-	0.0%	0.0%
Transfers and subsidies¹	7 607.4	8 251.5	7 352.4	7 588.7	-0.1%	83.1%	7 634.6	7 772.1	8 711.9	4.7%	82.0%
Provinces and municipalities	2 131.9	2 290.3	2 119.5	2 090.4	-0.7%	23.3%	2 076.7	2 233.1	2 362.0	4.2%	22.7%
Departmental agencies and accounts	506.1	570.1	605.1	647.9	8.6%	6.3%	761.3	651.2	699.5	2.6%	7.1%
Foreign governments and international organisations	25.0	25.6	26.4	29.5	5.6%	0.3%	31.1	32.8	34.0	4.9%	0.3%
Public corporations and private enterprises	4 940.3	5 359.2	4 598.1	4 818.8	-0.8%	53.2%	4 763.2	4 852.5	5 613.9	5.2%	51.8%
Households	4.2	6.4	3.2	2.2	-19.4%	0.0%	2.3	2.4	2.5	5.2%	0.0%
Payments for capital assets	112.0	15.6	61.2	17.5	-46.1%	0.6%	18.4	19.5	20.6	5.5%	0.2%
Buildings and other fixed structures	0.2	0.3	0.6	2.1	137.7%	0.0%	2.1	2.3	2.4	5.5%	0.0%
Machinery and equipment	24.5	14.5	14.1	15.5	-14.2%	0.2%	16.3	17.2	18.2	5.5%	0.2%
Software and other intangible assets	87.3	0.8	46.4	-	-100.0%	0.4%	-	-	-	0.0%	0.0%
Payments for financial assets	1.3	-	0.7	-	-100.0%	0.0%	-	-	-	0.0%	0.0%
Total	9 173.9	9 721.3	8 970.4	9 185.8	0.0%	100.0%	9 337.0	9 570.0	10 583.4	4.8%	100.0%

1. Tables that detail 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 34.3 Vote transfers and subsidies trends and estimates

R thousand	Audited outcome			Adjusted appropriation 2019/20	Average growth rate (%) 2016/17 - 2019/20	Average: Expenditure/ Total (%) 2016/17 - 2019/20	Medium-term expenditure estimate			Average growth rate (%) 2019/20 - 2022/23	Average: Expenditure/ Total (%) 2019/20 - 2022/23
	2016/17	2017/18	2018/19				2020/21	2021/22	2022/23		
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	468 777	534 296	601 370	643 928	11.2%	7.3%	757 096	646 805	698 986	2.8%	8.7%
Energy and Water Sector Education and Training Authority	985	1 048	1 108	1 170	5.9%	–	1 209	1 276	1 324	4.2%	–
South African Diamond and Precious Metals Regulator	53 205	65 865	59 105	61 544	5.0%	0.8%	63 630	67 131	69 626	4.2%	0.8%
Council for Geoscience	341 708	330 574	311 613	410 553	6.3%	4.5%	517 223	389 852	431 008	1.6%	5.5%
Council for Geoscience: Economic competitiveness and support package	–	–	90 000	–	–	0.3%	–	–	–	–	–
Council for Geoscience: Expanded public works programme	–	1 000	1 047	–	–	–	–	–	–	–	–
Mine Health and Safety Council	–	6 162	4 803	4 386	–	–	344	4 777	4 973	4.3%	–
Mining Qualifications Authority	1 716	1 718	1 853	1 996	5.2%	–	2 104	2 240	2 324	5.2%	–
South African National Energy Development Institute	20 625	59 774	70 241	74 151	53.2%	0.7%	78 215	82 517	86 478	5.3%	1.0%
National Nuclear Regulator	40 538	38 155	16 068	42 629	1.7%	0.4%	44 974	47 448	49 214	4.9%	0.6%
National Radioactive Waste Disposal Institute	10 000	30 000	45 532	47 499	68.1%	0.4%	49 397	51 564	54 039	4.4%	0.6%
Capital	37 288	35 832	3 765	3 976	-52.6%	0.3%	4 195	4 426	539	-48.6%	–
Council for Geoscience	36 890	35 414	3 323	3 509	-54.4%	0.3%	3 702	3 906	–	-100.0%	–
National Nuclear Regulator	398	418	442	467	5.5%	–	493	520	539	4.9%	–
Households											
Social benefits											
Current	3 060	6 072	2 605	1 779	-16.5%	–	1 877	1 980	2 074	5.2%	–
Employee Social Benefits	3 060	6 072	2 605	1 779	-16.5%	–	1 877	1 980	2 074	5.2%	–
Provinces and municipalities											
Municipal bank accounts											
Current	185 625	203 236	215 024	227 065	6.9%	2.7%	217 994	229 983	243 291	2.3%	2.9%
Energy Efficiency and Demand-Side Management Grant	185 625	203 236	215 024	227 065	6.9%	2.7%	217 994	229 983	243 291	2.3%	2.9%
Capital	1 946 246	2 087 048	1 904 477	1 863 328	-1.4%	25.3%	1 858 752	2 003 157	2 118 668	4.4%	24.7%
Integrated National Electrification Programme Grant	1 946 246	2 087 048	1 904 477	1 863 328	-1.4%	25.3%	1 858 752	2 003 157	2 118 668	4.4%	24.7%
Households											
Other transfers to households											
Current	1 072	291	597	397	-28.2%	–	419	442	459	5.0%	–
Bursaries for Non-employees	813	250	–	–	-100.0%	–	–	–	–	–	–
Employee Social Benefits	139	1	270	–	-100.0%	–	–	–	–	–	–
Employee Ex-Gratia Payment	120	40	154	397	49.0%	–	419	442	459	5.0%	–
Claims Against State	–	–	173	–	–	–	–	–	–	–	–
Public corporations and private enterprises											
Other transfers to public corporations											
Current	828 613	884 705	976 526	1 162 528	11.9%	12.5%	1 324 033	1 396 470	1 448 894	7.6%	16.8%
Mintek	315 152	310 705	319 213	370 208	5.5%	4.3%	398 057	419 565	435 159	5.5%	5.1%
Mintek: Expanded public works programme	–	–	–	2 632	–	–	2 775	2 927	3 036	4.9%	–
Mintek: Economic competitiveness and support package	–	–	70 000	–	–	0.2%	–	–	–	–	–
South African Nuclear Energy Corporation	496 375	555 888	568 151	599 246	6.5%	7.2%	722 285	762 011	788 558	9.6%	9.1%
South African Nuclear Energy Corporation	17 086	18 112	19 162	190 442	123.4%	0.8%	200 916	211 967	222 141	5.3%	2.6%
Capital	127 141	146 722	126 556	163 925	8.8%	1.8%	50 523	53 302	55 244	-30.4%	1.0%
Mintek	41 264	56 551	31 155	63 182	15.3%	0.6%	34 305	36 192	37 538	-15.9%	0.5%
South African Nuclear Energy Corporation	85 877	90 171	95 401	100 743	5.5%	1.2%	16 218	17 110	17 706	-44.0%	0.5%
Foreign governments and international organisations											
Current	25 003	25 622	26 412	29 478	5.6%	0.3%	31 099	32 809	34 033	4.9%	0.4%
African Petroleum Producers' Association	–	1 074	–	3 038	–	–	3 205	3 381	3 507	4.9%	–
International Energy Forum	3 034	275	–	782	-100.0%	–	–	–	–	–	–
Generation IV International Forum	–	567	559	–	–	–	825	870	912	5.3%	–
International Renewable Energy Agency	2 216	1 015	1 177	1 201	-18.5%	–	1 267	1 337	1 401	5.3%	–
International Energy Forum	–	–	350	356	–	–	376	397	416	5.3%	–
International Partnership for Energy Efficiency Cooperation	–	–	–	1 345	–	–	1 419	1 497	1 537	4.5%	–
International Atomic Energy Agency	19 753	22 691	24 326	22 756	4.8%	0.3%	24 007	25 327	26 260	4.9%	0.3%

Table 34.3 Vote transfers and subsidies trends and estimates

R thousand	Audited outcome			Adjusted appropriation 2019/20	Average growth rate (%) 2016/17 - 2019/20	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%) 2019/20 - 2022/23	Average: Expenditure/ Total (%)
	2016/17	2017/18	2018/19				2020/21	2021/22	2022/23		
Public corporations and private enterprises											
Subsidies on products and production (pe)											
Current	–	87 138	98 439	133 652	–	1.0%	141 065	148 802	154 334	4.9%	1.8%
Petroleum Agency South Africa	–	87 138	98 439	127 446	–	1.0%	134 532	141 911	147 187	4.9%	1.7%
Various institutions: Water management solutions subsidies for marginal mines	–	–	–	6 206	–	–	6 533	6 891	7 147	4.8%	0.1%
Public corporations and private enterprises											
Subsidies on products and production (pc)											
Current	200	–	–	21 683	376.8%	0.1%	25 924	27 350	28 720	9.8%	0.3%
State Diamond Trader	200	–	–	–	-100.0%	–	–	–	–	–	–
Industrial Development Corporation	–	–	–	21 683	–	0.1%	25 924	27 350	28 720	9.8%	0.3%
Capital	3 846 648	4 081 626	3 262 031	3 124 053	-6.7%	46.5%	3 001 483	2 994 257	3 688 162	5.7%	40.4%
Eskom	3 526 334	3 846 154	3 262 031	3 124 053	-4.0%	44.7%	3 001 483	2 994 257	3 688 162	5.7%	40.4%
Various institutions: Solar Water Heater Project	320 314	235 472	–	–	-100.0%	1.8%	–	–	–	–	–
Public corporations and private enterprises											
Other transfers to private enterprises											
Capital	137 733	158 960	134 555	212 941	15.6%	2.1%	220 160	232 269	238 502	3.9%	2.9%
Various institutions: Integrated National Electrification Programme	137 733	158 960	134 555	212 941	15.6%	2.1%	220 160	232 269	238 502	3.9%	2.9%
Total	7 607 406	8 251 548	7 352 357	7 588 733	-0.1%	100.0%	7 634 620	7 772 052	8 711 906	4.7%	100.0%

Personnel information

Table 34.4 Vote personnel numbers and cost by salary level and programme¹

Programmes												Number					
Number of posts estimated for 31 March 2020												Average growth rate (%)	Average: Salary level/ Total (%)				
Number and cost ² of personnel posts filled/planned for on funded establishment																	
Number of funded posts	Number of posts additional to the establishment	Medium-term expenditure estimate															
		Actual 2018/19			Revised estimate 2019/20			2020/21		2021/22		2022/23					
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	
Mineral Resources and Energy																	
Salary level	1 648	26	1 865	957.9	0.5	1 917	1 045.5	0.5	1 924	1 118.1	0.6	1 920	1 190.8	0.6	1 882	1 242.6	0.7
1 – 6	349	6	394	89.0	0.2	434	99.9	0.2	434	102.0	0.2	433	109.6	0.3	433	117.4	0.3
7 – 10	762	10	861	379.3	0.4	867	412.0	0.5	864	441.1	0.5	861	469.8	0.5	829	481.7	0.6
11 – 12	356	4	402	282.7	0.7	405	304.0	0.8	413	330.4	0.8	413	351.3	0.9	407	366.9	0.9
13 – 16	179	6	204	197.6	1.0	207	219.8	1.1	211	239.0	1.1	211	254.3	1.2	211	270.2	1.3
Other	2	–	4	9.2	2.3	4	9.8	2.4	2	5.5	2.7	2	5.8	2.9	2	6.3	3.2
Programme	1 648	26	1 865	957.9	0.5	1 917	1 045.5	0.5	1 924	1 118.1	0.6	1 920	1 190.8	0.6	1 882	1 242.6	0.7
Programme 1	589	17	610	319.9	0.5	623	354.9	0.6	614	365.5	0.6	616	391.3	0.6	597	404.7	0.7
Programme 2	472	2	473	253.3	0.5	509	277.6	0.5	514	302.7	0.6	512	321.7	0.6	500	335.1	0.7
Programme 3	154	2	150	108.4	0.7	153	114.5	0.7	161	126.8	0.8	161	134.7	0.8	161	143.5	0.9
Programme 4	277	–	279	171.1	0.6	278	182.5	0.7	273	192.4	0.7	273	205.1	0.8	266	212.8	0.8
Programme 5	127	5	129	83.5	0.6	127	91.7	0.7	134	103.9	0.8	132	109.8	0.8	133	116.9	0.9
Programme 6	29	–	27	21.6	0.8	30	24.3	0.8	31	26.8	0.9	29	28.2	1.0	28	29.6	1.1
Programme 7	–	–	197	–	–	197	–	–	197	–	–	197	–	–	197	–	–

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

2. Rand million.

Departmental receipts

Table 34.5 Departmental receipts by economic classification

R thousand	Audited outcome			Adjusted estimate	Revised estimate	Average growth rate (%)	Average Receipt item/ Total (%)	Medium-term receipts estimate			Average growth rate (%)	Average Receipt item/ Total (%)
	2016/17	2017/18	2018/19					2019/20	2020/21	2021/22		
Departmental receipts	994 977	46 906	88 373	48 083	48 083	-63.6%	100.0%	48 232	49 722	50 407	1.6%	100.0%
Sales of goods and services produced by department	14 357	15 639	15 587	16 348	16 348	4.4%	5.3%	16 367	16 408	16 619	0.5%	33.5%
Sales by market establishments	617	593	571	615	615	-0.1%	0.2%	617	618	626	0.6%	1.3%
of which:												
Market establishment: Rental parking: Covered and open	617	593	571	615	615	-0.1%	0.2%	617	618	626	0.6%	1.3%
Administrative fees	13 017	14 247	14 163	14 883	14 883	4.6%	4.8%	14 898	14 934	15 121	0.5%	30.5%
of which:												
Application fees in relation to the Mineral and Petroleum Resources Development Act (2002)	1 791	1 502	924	1 577	1 577	-4.2%	0.5%	1 577	1 578	1 602	0.5%	3.2%
Requested information: Promotion of Access to Information Act (2000)	30	29	35	30	30	-	-	30	30	30	-	0.1%
Environmental Authorisation application fees	7 252	8 987	9 070	9 526	9 526	9.5%	3.0%	9 531	9 536	9 679	0.5%	19.5%
Administrative fees: Petroleum licence fees	3 944	3 729	4 134	3 750	3 750	-1.7%	1.3%	3 760	3 790	3 810	0.5%	7.7%
Other sales	723	799	853	850	850	5.5%	0.3%	852	856	872	0.9%	1.7%
of which:												
Services rendered: Commission on insurance and garnishee	345	366	390	395	395	4.6%	0.1%	397	401	410	1.3%	0.8%
Services rendered: Marking of exam paper	351	398	435	418	418	6.0%	0.1%	418	418	424	0.5%	0.9%
Services rendered: Photocopies and faxes	26	34	28	36	36	11.5%	-	36	36	37	0.9%	0.1%
Replacement of lost office property	1	1	-	1	1	-	-	1	1	1	-	-
Sales of scrap, waste, arms and other used current goods	1	1	2	1	1	-	-	1	1	1	-	-
of which:												
Sales: Scrap	1	1	2	1	1	-	-	1	1	1	-	-
Transfers received	1 745	2 226	1 617	1 750	1 750	0.1%	0.6%	1 500	1 500	1 500	-5.0%	3.2%
Fines, penalties and forfeits	990	1 294	1 872	2 380	2 380	34.0%	0.6%	1 400	1 402	1 423	-15.8%	3.4%
Interest, dividends and rent on land	24 530	23 603	19 088	24 878	24 878	0.5%	7.8%	26 246	27 690	28 105	4.1%	54.4%
Interest	914	216	88	201	201	-39.6%	0.1%	212	224	227	4.1%	0.4%
Rent on land	23 616	23 387	19 000	24 677	24 677	1.5%	7.7%	26 034	27 466	27 878	4.1%	54.0%
Transactions in financial assets and liabilities	953 354	4 143	50 207	2 726	2 726	-85.8%	85.8%	2 718	2 721	2 759	0.4%	5.6%
Total	994 977	46 906	88 373	48 083	48 083	-63.6%	100.0%	48 232	49 722	50 407	1.6%	100.0%

Programme 1: Administration

Programme purpose

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

Expenditure trends and estimates

Table 34.6 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
R million											
Ministry	74.4	78.8	73.7	63.5	-5.2%	11.8%	58.0	64.5	61.5	-1.1%	9.3%
Departmental Management	39.4	41.2	47.4	53.7	10.9%	7.4%	58.7	62.1	65.1	6.6%	9.0%
Audit Services	17.5	16.4	17.8	22.6	8.8%	3.0%	23.2	24.6	25.7	4.3%	3.6%
Financial Administration	79.2	83.9	84.7	101.6	8.6%	14.2%	100.4	106.5	111.3	3.1%	15.8%
Corporate Services	349.6	327.0	333.2	294.4	-5.6%	52.9%	305.8	324.2	338.5	4.8%	47.5%
Office Accommodation	52.1	57.6	65.3	89.1	19.6%	10.7%	96.3	101.3	105.7	5.9%	14.8%
Total	612.2	604.9	622.1	624.9	0.7%	100.0%	642.3	683.2	707.8	4.2%	100.0%
Change to 2019 Budget estimate				(1.8)			(15.0)	(11.8)	(13.2)		

Table 34.6 Administration expenditure trends and estimates by subprogramme and economic classification

Economic classification	Audited outcome			Adjusted appropriation	Average growth rate (%)		Medium-term expenditure estimate			Average growth rate (%)	Average: Expenditure/ Total (%)	
	2016/17	2017/18	2018/19		2019/20	2016/17 - 2019/20	2020/21	2021/22	2022/23			2019/20 - 2022/23
	R million											
Current payments	595.1	585.3	603.6	605.0	0.6%	97.0%	621.5	661.2	684.6	4.2%	96.8%	
Compensation of employees	293.5	299.4	319.9	354.9	6.5%	51.4%	365.5	391.3	404.7	4.5%	57.0%	
Goods and services ¹	301.7	285.9	283.6	250.1	-6.1%	45.5%	256.0	269.9	279.9	3.8%	39.7%	
of which:												
Audit costs: External	10.1	11.6	11.3	9.2	-2.8%	1.7%	9.8	10.3	10.8	5.2%	1.5%	
Computer services	35.0	34.8	31.1	31.2	-3.8%	5.4%	31.7	33.5	34.8	3.8%	4.9%	
Operating leases	126.8	122.4	129.8	83.9	-12.9%	18.8%	92.0	97.1	101.3	6.5%	14.1%	
Property payments	15.1	13.5	14.4	18.2	6.4%	2.5%	15.6	16.2	16.9	-2.4%	2.5%	
Travel and subsistence	42.5	41.2	42.5	37.2	-4.3%	6.6%	33.8	35.7	36.2	-0.9%	5.4%	
Training and development	7.5	7.5	6.6	7.9	2.0%	1.2%	8.2	8.6	9.0	4.3%	1.3%	
Interest and rent on land	–	–	0.0	–	–	–	–	–	–	–	–	
Transfers and subsidies¹	5.0	7.4	4.0	3.3	-12.4%	0.8%	3.5	3.7	3.9	4.9%	0.5%	
Departmental agencies and accounts	1.0	1.0	1.1	1.2	5.9%	0.2%	1.2	1.3	1.3	4.2%	0.2%	
Households	4.0	6.4	2.9	2.2	-18.3%	0.6%	2.3	2.4	2.5	5.2%	0.4%	
Payments for capital assets	12.0	12.2	14.4	16.5	11.2%	2.2%	17.4	18.4	19.4	5.5%	2.7%	
Buildings and other fixed structures	0.2	0.3	0.6	2.1	137.7%	0.1%	2.1	2.3	2.4	5.5%	0.3%	
Machinery and equipment	11.9	11.1	13.8	14.5	6.8%	2.1%	15.2	16.1	17.0	5.5%	2.4%	
Software and other intangible assets	–	0.8	–	–	–	–	–	–	–	–	–	
Payments for financial assets	0.1	–	0.1	–	-100.0%	–	–	–	–	–	–	
Total	612.2	604.9	622.1	624.9	0.7%	100.0%	642.3	683.2	707.8	4.2%	100.0%	
Proportion of total programme expenditure to vote expenditure	6.7%	6.2%	6.9%	6.8%	–	–	6.9%	7.1%	6.7%	–	–	

Details of transfers and subsidies

Households											
Social benefits											
Current											
Employee Social Benefits	3.1	6.1	2.6	1.8	-16.5%	0.5%	1.9	2.0	2.1	5.2%	0.3%
Households	3.1	6.1	2.6	1.8	-16.5%	0.5%	1.9	2.0	2.1	5.2%	0.3%
Other transfers to households											
Current											
Bursaries for Non-employees	0.9	0.3	0.2	0.4	-24.8%	0.1%	0.4	0.4	0.5	5.0%	0.1%
Employee Ex-Gratia Payment	0.8	0.3	–	–	-100.0%	–	–	–	–	–	–
Departmental agencies and accounts	0.1	0.0	0.2	0.4	49.0%	–	0.4	0.4	0.5	5.0%	0.1%
Departmental agencies (non-business entities)											
Current											
Energy and Water Sector	1.0	1.0	1.1	1.2	5.9%	0.2%	1.2	1.3	1.3	4.2%	0.2%
Education and Training Authority	1.0	1.0	1.1	1.2	5.9%	0.2%	1.2	1.3	1.3	4.2%	0.2%

1. Estimates of National Expenditure data tables can be downloaded from www.treasury.gov.za. These tables contain detailed information by goods and services, and transfers and subsidies items by programme.

Personnel information**Table 34.7 Administration personnel numbers and cost by salary level¹**

Number of posts estimated for 31 March 2020		Number and cost ² of personnel posts filled/planned for on funded establishment												Number						
Administration	Salary level	Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/ Total (%)			
				2018/19		2019/20		2020/21		2021/22		2022/23		2019/20 - 2022/23						
				Number	Unit cost	Number	Unit cost	Number	Unit cost	Number	Unit cost	Number	Unit cost	Number	Unit cost					
	589	17		610	319.9	0.5	623	354.9	0.6	614	365.5	0.6	616	391.3	0.6	597	404.7	0.7	-1.4%	100.0%
1 – 6	191	4		198	45.9	0.2	203	50.0	0.2	204	49.3	0.2	204	52.9	0.3	203	56.4	0.3	–	33.2%
7 – 10	253	5		257	118.0	0.5	262	129.8	0.5	257	138.1	0.5	259	149.0	0.6	242	148.1	0.6	-2.6%	41.6%
11 – 12	81	2		84	67.8	0.8	85	72.9	0.9	84	76.4	0.9	84	81.2	1.0	83	85.2	1.0	-0.8%	13.7%
13 – 16	62	6		67	79.1	1.2	69	92.4	1.3	67	96.2	1.4	67	102.3	1.5	67	108.7	1.6	-1.0%	11.0%
Other	2	–		4	9.2	2.3	4	9.8	2.4	2	5.5	2.7	2	5.8	2.9	2	6.3	3.2	-20.6%	0.4%

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

2. Rand million.

Programme 2: Minerals and Petroleum Regulation

Programme purpose

Regulate the mining, minerals and petroleum sectors to promote economic growth, employment, transformation and sustainable development.

Objectives

- Improve the participation of historically disadvantaged South Africans in the mining sector and contribute to its transformation by:
 - issuing mining rights and permits to 360 historically disadvantaged South Africans over the medium term
 - monitoring and enforcing compliance with procurement requirements that relate to historically disadvantaged South Africans, as prescribed by the mining charter, on an ongoing basis.
- Monitor and enforce compliance with the statutory obligations of the Mineral and Petroleum Resources Development Act (2002) and the mining charter by conducting 636 social and labour plan verification inspections, 1 275 mine economic verification audits and 3 825 environmental verification inspections over the medium term.
- Ensure the development and transformation of the liquid fuels industry, and the security of supply of petroleum and petroleum products by monitoring and enforcing technical and economic compliance with legislation, specifications, standards and licence conditions annually.
- Facilitate the orderly operation of the petroleum sector through an analysis of fuel supply and the efficient adjudication of licences for manufacturing, wholesaling and retailing activities on an ongoing basis.
- Strengthen the regulatory framework in the liquid fuels petroleum industry by implementing the regulatory accounting system to introduce a transparent fuel pricing mechanism that will provide appropriate returns to investors in the liquid fuels sector across the value chain on an ongoing basis.
- Promote the sustainable use of resources and the environmentally sustainable management of mines over the medium term by supporting approved and evaluated work programmes, social and labour plans, and environmental management plans; and conducting 27 mining industry workshops over the medium term.

Subprogrammes

- *Minerals and Petroleum Management* provides overall management to the programme.
- *Mineral Regulation and Administration* administers and evaluates prospecting and mining rights and licensing. The subprogramme also makes transfers to the South African Diamond and Precious Metals Regulator, which implements and enforces the provisions of the Precious Metals Act (2005); and to Petroleum Agency South Africa, which regulates onshore and offshore oil and gas exploration and production activities.
- *Environmental Enforcement and Compliance* ensures that mining activities comply with the prescripts of the National Environmental Management Act (1998).
- *Petroleum Compliance Monitoring, Enforcement and Fuel Pricing* ensures technical, economic and legal compliance by the petroleum industry with the prescripts of the Petroleum Products Act (1977) and its regulations through monitoring and enforcement.
- *Petroleum Licensing and Fuel Supply* manages petroleum licensing, regulates import and export permits for petroleum products, monitors fuel stock levels, and ensures the security of fuel supply.

Expenditure trends and estimates

Table 34.8 Minerals and Petroleum Regulation 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
R million											
Minerals and Petroleum Management	16.8	16.7	23.5	32.2	24.3%	5.0%	33.2	35.0	36.4	4.2%	5.8%
Mineral Regulation and Administration	238.7	345.4	355.0	399.2	18.7%	74.4%	425.8	451.2	468.1	5.5%	74.1%
Environmental Enforcement and Compliance	6.7	12.4	15.1	16.0	33.4%	2.8%	17.3	18.4	19.1	6.2%	3.0%
Petroleum Compliance Monitoring, Enforcement and Fuel Pricing	21.6	18.8	19.3	25.7	6.0%	4.7%	26.5	28.0	29.4	4.6%	4.7%
Petroleum Licensing and Fuel Supply	57.4	55.9	57.8	64.7	4.0%	13.1%	71.9	76.0	79.7	7.2%	12.4%
Total	341.2	449.1	470.6	537.8	16.4%	100.0%	574.7	608.7	632.7	5.6%	100.0%
Change to 2019 Budget estimate				(0.9)			0.4	(1.9)	(0.8)		
Economic classification											
Current payments	287.1	293.9	312.8	345.7	6.4%	68.9%	373.3	396.2	412.4	6.1%	64.9%
Compensation of employees	234.6	245.0	253.3	277.6	5.8%	56.2%	302.7	321.7	335.1	6.5%	52.5%
Goods and services ¹	52.5	48.9	59.5	68.1	9.1%	12.7%	70.6	74.6	77.3	4.3%	12.3%
<i>of which:</i>											
Communication	4.2	3.9	3.7	4.2	-0.3%	0.9%	4.6	4.8	5.0	6.1%	0.8%
Computer services	0.5	0.8	4.3	7.2	148.2%	0.7%	7.5	7.9	8.2	4.6%	1.3%
Consultants: Business and advisory services	10.6	8.9	10.2	13.1	7.3%	2.4%	13.2	13.9	14.6	3.6%	2.3%
Fleet services (including government motor transport)	3.5	3.9	5.1	4.3	7.4%	0.9%	4.6	4.8	5.0	5.2%	0.8%
Travel and subsistence	20.3	19.9	22.5	24.5	6.4%	4.9%	25.4	26.8	27.6	4.1%	4.4%
Venues and facilities	1.6	1.5	1.3	4.3	39.5%	0.5%	4.1	4.3	4.5	1.7%	0.7%
Transfers and subsidies¹	53.3	154.1	157.6	192.0	53.3%	31.0%	201.4	212.4	220.3	4.7%	35.1%
Departmental agencies and accounts	53.2	65.9	59.1	61.5	5.0%	13.3%	63.6	67.1	69.6	4.2%	11.1%
Foreign governments and international organisations	–	1.1	–	3.0	–	0.2%	3.2	3.4	3.5	4.9%	0.6%
Public corporations and private enterprises	–	87.1	98.4	127.4	–	17.4%	134.5	141.9	147.2	4.9%	23.4%
Households	0.1	–	0.0	–	-100.0%	–	–	–	–	–	–
Payments for capital assets	0.6	1.1	0.2	0.0	-58.6%	0.1%	0.0	0.0	0.1	5.2%	–
Machinery and equipment	0.6	1.1	0.2	0.0	-58.6%	0.1%	0.0	0.0	0.1	5.2%	–
Payments for financial assets	0.2	–	0.1	–	-100.0%	–	–	–	–	–	–
Total	341.2	449.1	470.6	537.8	16.4%	100.0%	574.7	608.7	632.7	5.6%	100.0%
Proportion of total programme expenditure to vote expenditure	3.7%	4.6%	5.2%	5.9%	–	–	6.2%	6.4%	6.0%	–	–
Details of transfers and subsidies											
Households											
Other transfers to households											
Current	0.1	–	0.0	–	-100.0%	–	–	–	–	–	–
Employee Social Benefits	0.1	–	0.0	–	-100.0%	–	–	–	–	–	–
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	53.2	65.9	59.1	61.5	5.0%	13.3%	63.6	67.1	69.6	4.2%	11.1%
South African Diamond and Precious Metals Regulator	53.2	65.9	59.1	61.5	5.0%	13.3%	63.6	67.1	69.6	4.2%	11.1%
Foreign governments and international organisations											
Current	–	1.1	–	3.0	–	0.2%	3.2	3.4	3.5	4.9%	0.6%
African Petroleum Producers' Association	–	1.1	–	3.0	–	0.2%	3.2	3.4	3.5	4.9%	0.6%
Public corporations and private enterprises											
Private enterprises											
Private enterprises (subsidies on products and production)											
Current	–	87.1	98.4	127.4	–	17.4%	134.5	141.9	147.2	4.9%	23.4%
Petroleum Agency South Africa	–	87.1	98.4	127.4	–	17.4%	134.5	141.9	147.2	4.9%	23.4%

1. Estimates of National Expenditure data tables can be downloaded from www.treasury.gov.za. These tables contain detailed information by goods and services, and transfers and subsidies items by programme.

Personnel information

Table 34.9 Minerals and Petroleum Regulation personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2020		Number and cost ² of personnel posts filled/planned for on funded establishment															Number		
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate									Average growth rate (%)	Average: Salary level/ Total (%)	
		2018/19		Unit cost	2019/20		Unit cost	2020/21			2021/22			2022/23					2019/20 - 2022/23
Minerals and Petroleum Regulation		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Salary level	472	2	473	253.3	0.5	509	277.6	0.5	514	302.7	0.6	512	321.7	0.6	500	335.1	0.7	-0.6%	100.0%
1 – 6	104	–	109	28.5	0.3	143	34.0	0.2	141	35.8	0.3	141	38.3	0.3	140	41.0	0.3	-0.7%	27.8%
7 – 10	279	2	280	145.9	0.5	280	157.3	0.6	281	168.2	0.6	279	178.4	0.6	269	183.7	0.7	-1.3%	54.5%
11 – 12	53	–	53	44.3	0.8	54	48.1	0.9	56	53.1	0.9	56	56.4	1.0	55	58.9	1.1	0.6%	10.9%
13 – 16	36	–	31	34.6	1.1	32	38.1	1.2	36	45.6	1.3	36	48.5	1.3	36	51.6	1.4	4.0%	6.9%

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

2. Rand million.

Programme 3: Mining, Minerals and Energy Policy Development

Programme purpose

Formulate, maintain and implement integrated minerals and energy policies to promote and encourage investment in the mining and energy industry.

Objectives

- Promote investment in the mining, minerals and upstream petroleum sectors over the medium term by:
 - hosting 138 promotional and awareness activities or events for local and foreign investors
 - participating in local and international mining and petroleum conferences and events, engaging with stakeholders in various forums, and leading the implementation of key government priorities
 - ensuring the full implementation of plans for developing the oceans economy for oil and gas exploration through Operation Phakisa
 - ensuring the full implementation of the shale gas action plan through consultations, advocacy, research and promotional activities for shale gas exploration.
- Manage diplomatic imperatives and relations with foreign countries to benefit South Africa by establishing and implementing bilateral and multilateral partnerships for mining and upstream petroleum development on an ongoing basis.
- Promote the sustainable use and management of mineral resources over the medium term by participating in technical and strategic partnerships such as the intergovernmental forum on mining, minerals, metals and sustainable development; the Benguela Current Commission; and United Nations programmes.
- Improve energy security over the medium term by amending the Electricity Regulation Amendment Act (2007), the National Energy Regulator Amendment Act (2004) and the National Nuclear Regulator Act (1999).
- Implement the National Radioactive Waste Management Act (2012).

Subprogrammes

- Mining, Minerals and Energy Policy Development Management* provides overall management to the programme.
- Minerals and Petroleum Policy* develops and reviews policy and legislative frameworks for the mining, minerals and petroleum sectors; conducts research; and monitors the impact of policy implementation.
- Nuclear, Electricity and Gas Policy* develops and reviews policy and legislative frameworks for the nuclear, electricity and gas sectors; conducts research; and monitors the impact of policy implementation.

- *Economic Analysis and Statistics* advises the department on trends in the mining and energy industries in order to attract investment.
- *Economic Growth, Promotion and Global Relations* promotes economic growth and investment in the sector. This subprogramme also makes transfers to the Council for Geoscience and the Council for Mineral Technology and Research (Mintek).
- *Mineral and Energy Planning* ensures the security of the supply of mineral and energy resources.

Expenditure trends and estimates

Table 34.10 Mining, Minerals and Energy Policy Development 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
R million											
Mining, Minerals and Energy Policy Development Management	31.2	28.1	22.4	28.2	-3.2%	2.9%	28.2	29.8	31.1	3.3%	3.0%
Minerals and Petroleum Policy	38.0	28.7	34.6	30.4	-7.1%	3.5%	33.1	35.1	37.5	7.2%	3.5%
Nuclear, Electricity and Gas Policy	11.4	11.1	14.1	18.6	17.5%	1.5%	21.0	22.2	23.4	8.1%	2.2%
Economic Analysis and Statistics	6.1	5.1	5.9	8.5	11.8%	0.7%	8.6	9.1	10.3	6.5%	0.9%
Economic Growth, Promotion and Global Relations	793.5	786.3	888.6	910.2	4.7%	89.4%	876.3	768.8	821.1	-3.4%	87.5%
Minerals and Energy Planning	18.8	20.5	17.3	23.0	6.9%	2.1%	25.9	27.4	28.8	7.8%	2.7%
Total	899.0	879.9	982.8	1 018.9	4.3%	100.0%	993.1	892.6	952.2	-2.2%	100.0%
Change to 2019 Budget estimate				(9.8)			(69.6)	(20.6)	4.5		
Economic classification											
Current payments	160.2	144.1	155.8	170.6	2.1%	16.7%	181.3	192.4	203.3	6.0%	19.4%
Compensation of employees	99.1	103.3	108.4	114.5	4.9%	11.3%	126.8	134.7	143.5	7.8%	13.5%
Goods and services ¹	61.1	40.8	47.4	56.1	-2.8%	5.4%	54.5	57.6	59.8	2.2%	5.9%
<i>of which:</i>											
<i>Administrative fees</i>	2.1	1.0	0.8	4.1	24.0%	0.2%	3.5	3.8	3.9	-1.3%	0.4%
<i>Advertising</i>	3.3	5.7	0.9	4.4	9.5%	0.4%	3.3	3.4	3.3	-8.7%	0.4%
<i>Consultants: Business and advisory services</i>	5.8	3.0	0.4	8.2	12.8%	0.5%	9.6	10.2	10.6	8.7%	1.0%
<i>Travel and subsistence</i>	16.4	11.4	13.0	16.9	1.0%	1.5%	15.5	16.5	17.2	0.6%	1.7%
<i>Operating payments</i>	20.7	7.3	3.6	7.8	-27.7%	1.0%	7.4	7.9	8.2	1.6%	0.8%
<i>Venues and facilities</i>	4.6	(0.7)	6.8	4.2	-3.6%	0.4%	4.1	4.3	4.5	2.5%	0.4%
Transfers and subsidies¹	738.2	735.1	826.9	848.2	4.7%	83.3%	811.7	700.1	748.8	-4.1%	80.6%
Departmental agencies and accounts	378.6	367.0	406.0	414.1	3.0%	41.4%	499.8	371.4	407.9	-0.5%	43.9%
Foreign governments and international organisations	3.0	0.8	0.6	0.8	-36.4%	0.1%	0.8	0.9	0.9	5.3%	0.1%
Public corporations and private enterprises	356.6	367.3	420.4	433.4	6.7%	41.7%	311.1	327.8	340.0	-7.8%	36.6%
Households	-	0.0	0.0	-	-	-	-	-	-	-	-
Payments for capital assets	0.5	0.7	0.0	0.1	-43.7%	-	0.1	0.1	0.1	5.7%	-
Machinery and equipment	0.5	0.7	0.0	0.1	-43.7%	-	0.1	0.1	0.1	5.7%	-
Payments for financial assets	0.0	-	0.0	-	-100.0%	-	-	-	-	-	-
Total	899.0	879.9	982.8	1 018.9	4.3%	100.0%	993.1	892.6	952.2	-2.2%	100.0%
Proportion of total programme expenditure to vote expenditure	9.8%	9.1%	11.0%	11.1%	-	-	10.6%	9.3%	9.0%	-	-
Details of transfers and subsidies											
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	341.7	331.6	402.7	410.6	6.3%	39.3%	496.1	367.5	407.9	-0.2%	43.6%
Council for Geoscience	341.7	330.6	311.6	410.6	6.3%	36.9%	496.1	367.5	407.9	-0.2%	43.6%
Council for Geoscience: Economic competitiveness and support package	-	-	90.0	-	-	2.4%	-	-	-	-	-
Council for Geoscience: Expanded public works programme	-	1.0	1.0	-	-	0.1%	-	-	-	-	-
Capital	36.9	35.4	3.3	3.5	-54.4%	2.1%	3.7	3.9	-	-100.0%	0.3%
Council for Geoscience	36.9	35.4	3.3	3.5	-54.4%	2.1%	3.7	3.9	-	-100.0%	0.3%

Table 34.10 Mining, Minerals and Energy Policy Development expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation 2019/20	Average growth rate (%) 2016/17 - 2019/20	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%) 2019/20 - 2022/23	Average: Expenditure/ Total (%)
	2016/17	2017/18	2018/19				2020/21	2021/22	2022/23		
R million											
Public corporations and private enterprises											
Public corporations											
Other transfers to public corporations											
Current	315.2	310.7	389.2	370.2	5.5%	36.6%	276.8	291.6	302.4	-6.5%	32.2%
Mintek	315.2	310.7	319.2	370.2	5.5%	34.8%	276.8	291.6	302.4	-6.5%	32.2%
Mintek: Economic competitiveness and support package	-	-	70.0	-	-	1.9%	-	-	-	-	-
Capital	41.3	56.6	31.2	63.2	15.3%	5.1%	34.3	36.2	37.5	-15.9%	4.4%
Mintek	41.3	56.6	31.2	63.2	15.3%	5.1%	34.3	36.2	37.5	-15.9%	4.4%
Foreign governments and international organisations											
Current	3.0	0.8	0.6	0.8	-36.4%	0.1%	0.8	0.9	0.9	5.3%	0.1%
International Energy Forum	3.0	0.3	-	-	-100.0%	0.1%	-	-	-	-	-
Generation IV International Forum	-	0.6	0.6	0.8	-	0.1%	0.8	0.9	0.9	5.3%	0.1%

1. Estimates of National Expenditure data tables can be downloaded from www.treasury.gov.za. These tables contain detailed information by goods and services, and transfers and subsidies items by programme.

Personnel information

Table 34.11 Mining, Minerals and Energy Policy Development personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2020		Number and cost ² of personnel posts filled/planned for on funded establishment										Number							
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate				Average growth rate (%)	Average: Salary level/ Total (%)						
		2018/19	2019/20	2020/21	2021/22	2022/23	2019/20 - 2022/23												
Mining, Minerals and Energy Policy Development		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost						
Salary level																			
	154	2	150	108.4	0.7	153	114.5	0.7	161	126.8	0.8	161	134.7	0.8	161	143.5	0.9	1.7%	100.0%
1 – 6	8	-	11	2.6	0.2	11	2.8	0.3	14	3.5	0.2	15	4.1	0.3	15	4.4	0.3	10.9%	8.6%
7 – 10	76	1	72	39.9	0.6	74	43.2	0.6	76	47.2	0.6	75	49.6	0.7	75	53.0	0.7	0.4%	47.2%
11 – 12	41	1	41	36.0	0.9	42	38.3	0.9	43	41.7	1.0	43	44.3	1.0	43	47.1	1.1	0.8%	26.9%
13 – 16	29	-	26	29.9	1.2	26	30.2	1.2	28	34.5	1.2	28	36.7	1.3	28	39.0	1.4	2.5%	17.3%

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

2. Rand million.

Programme 4: Mine Health and Safety Inspectorate

Programme purpose

Ensure the health and safety of employees in the mining sector.

Objectives

- Promote health and safety by:
 - reducing occupational fatalities by 20 per cent, occupational injuries by 20 per cent and occupational diseases by 10 per cent over the medium term
 - implementing the occupational and health and safety improvement strategy, and enforcing guidelines on an ongoing basis
 - conducting investigations, inspections and audits on an ongoing basis.
- Contribute to skills development in the mining sector by implementing, monitoring and evaluating the certificate of competency model on an ongoing basis.
- Improve health care in the mining sector on an ongoing basis by ensuring:
 - 80 per cent adherence to prescribed timeframes for resolving medical appeals
 - 100 per cent adherence to timelines for appeals to the chief inspector of mines

- 100 per cent adherence to timelines for applications in terms of the Mineral and Petroleum Resources Development Act (2002).

Subprogrammes

- *Mine Health and Safety Management* provides overall management to the programme.
- *Mine Health and Safety Regions* develops strategies to reduce occupational diseases and injuries in the mining sector, and conducts audits and inspections.
- *Occupational Health* will establish an occupational health centre to provide specialist services to the mine health and safety inspectorate, with particular focus on regional components. This subprogramme also makes transfers to the Mine Health and Safety Council, which is tasked with promoting a culture of health and safety in the mining sector.

Expenditure trends and estimates

Table 34.12 Mine Health and Safety Inspectorate expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation 2019/20	Average growth rate (%) 2016/17 - 2019/20	Average: Expenditure/Total (%) 2019/20	Medium-term expenditure estimate			Average growth rate (%) 2019/20 - 2022/23	Average: Expenditure/Total (%) 2019/20 - 2022/23
	2016/17	2017/18	2018/19				2020/21	2021/22	2022/23		
R million											
Mine Health and Safety Management	35.9	40.9	40.5	59.8	18.6%	21.3%	56.0	64.0	66.4	3.6%	25.4%
Mine Health and Safety Regions	143.1	152.5	156.6	148.7	1.3%	72.2%	159.5	169.6	176.0	5.8%	67.3%
Occupational Health	12.3	12.0	13.2	16.3	9.8%	6.5%	17.3	18.4	19.1	5.5%	7.3%
Total	191.3	205.4	210.3	224.8	5.5%	100.0%	232.7	252.0	261.5	5.2%	100.0%
Change to 2019 Budget estimate				4.2			(0.0)	(0.1)	(0.1)		
Economic classification											
Current payments	188.4	196.1	203.1	217.6	4.9%	96.8%	229.4	244.1	253.3	5.2%	97.3%
Compensation of employees	158.0	165.9	171.1	182.5	4.9%	81.5%	192.4	205.1	212.8	5.2%	81.7%
Goods and services ¹	30.3	30.2	32.0	35.1	4.9%	15.3%	37.0	39.0	40.5	4.9%	15.6%
of which:											
Communication	2.9	0.5	1.1	1.2	-24.3%	0.7%	1.3	1.4	1.4	5.0%	0.6%
Computer services	–	–	0.0	1.0	–	0.1%	1.0	1.0	1.1	4.6%	0.4%
Consultants: Business and advisory services	1.4	0.5	0.3	2.2	16.2%	0.5%	2.3	2.4	2.5	4.6%	1.0%
Fleet services (including government motor transport)	0.3	0.3	0.4	3.2	128.2%	0.5%	3.4	3.6	3.7	5.0%	1.4%
Consumables: Stationery, printing and office supplies	0.9	0.7	0.8	2.3	38.4%	0.6%	2.5	2.6	2.7	4.9%	1.0%
Travel and subsistence	22.7	25.8	27.0	20.3	-3.7%	11.5%	21.4	22.6	23.5	4.9%	9.0%
Transfers and subsidies¹	1.7	7.9	6.7	6.4	54.9%	2.7%	2.4	7.0	7.3	4.6%	2.4%
Departmental agencies and accounts	1.7	7.9	6.7	6.4	54.9%	2.7%	2.4	7.0	7.3	4.6%	2.4%
Payments for capital assets	0.3	1.4	0.1	0.8	40.1%	0.3%	0.8	0.9	0.9	5.6%	0.3%
Machinery and equipment	0.3	1.4	0.1	0.8	40.1%	0.3%	0.8	0.9	0.9	5.6%	0.3%
Payments for financial assets	0.9	–	0.5	–	-100.0%	0.2%	–	–	–	–	–
Total	191.3	205.4	210.3	224.8	5.5%	100.0%	232.7	252.0	261.5	5.2%	100.0%
Proportion of total programme expenditure to vote expenditure	2.1%	2.1%	2.3%	2.4%	–	–	2.5%	2.6%	2.5%	–	–
Details of transfers and subsidies											
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	1.7	7.9	6.7	6.4	54.9%	2.7%	2.4	7.0	7.3	4.6%	2.4%
Mine Health and Safety Council	–	6.2	4.8	4.4	–	1.8%	0.3	4.8	5.0	4.3%	1.5%
Mining Qualifications Authority	1.7	1.7	1.9	2.0	5.2%	0.9%	2.1	2.2	2.3	5.2%	0.9%

1. Estimates of National Expenditure data tables can be downloaded from www.treasury.gov.za. These tables contain detailed information by goods and services, and transfers and subsidies items by programme.

Personnel information

Table 34.13 Mine Health and Safety Inspectorate personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2020		Number and cost ² of personnel posts filled/planned for on funded establishment															Number		
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate									Average growth rate (%)	Average: Salary level/ Total (%)	
		2018/19		Unit cost	2019/20		Unit cost	2020/21			2021/22			2022/23					2019/20 - 2022/23
Mine Health and Safety Inspectorate		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Salary level	277	–	279	171.1	0.6	278	182.5	0.7	273	192.4	0.7	273	205.1	0.8	266	212.8	0.8	-1.5%	100.0%
1 – 6	43	–	42	10.2	0.2	42	10.9	0.3	41	11.4	0.3	41	12.3	0.3	42	13.5	0.3	–	15.2%
7 – 10	81	–	85	36.6	0.4	84	38.9	0.5	80	39.9	0.5	80	42.7	0.5	76	44.0	0.6	-3.3%	29.4%
11 – 12	132	–	131	100.9	0.8	131	107.7	0.8	131	114.5	0.9	131	121.7	0.9	127	125.2	1.0	-1.0%	47.7%
13 – 16	21	–	21	23.4	1.1	21	25.0	1.2	21	26.6	1.3	21	28.3	1.3	21	30.1	1.4	–	7.7%

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

2. Rand million.

Programme 5: Mineral Resources and Energy Programmes and Projects

Programme purpose

Manage, coordinate and monitor programmes and projects focused on access to mineral and energy resources.

Objectives

- Increase access to electricity by managing the funding and monitoring of the implementation of the integrated national electrification programme on an ongoing basis.
- Increase public awareness on energy issues while empowering disadvantaged and vulnerable groups by identifying, implementing, managing and coordinating upliftment programmes and projects on an ongoing basis.
- Ensure the efficient management of electricity supply on an ongoing basis by:
 - enhancing the application of business principles for project management to assist programme and project managers
 - coordinating, monitoring and reporting on the implementation of programmes and projects focused on the development, improvement and transformation of the energy generation, refinement, transmission and distribution industry and its infrastructure.
- Promote the sustainable use and management of mineral and energy resources over the medium term by:
 - rehabilitating 129 derelict and ownerless mines
 - providing marginal mines with subsidies for water management solutions
 - managing the funding and monitoring of the *energy efficiency and demand-side management grant* to municipalities.

Subprogrammes

- *Programmes and Projects Management* provides overall management to the programme.
- *Integrated National Electrification Programme* oversees and manages the financing and implementation processes for the electrification programme; and makes transfers to Eskom, municipalities and private providers.
- *Programmes and Projects Management Office* provides specialised assistance to management to apply management principles, coordinate project information and report on projects.
- *Regional Programmes and Projects Management Office* provides regional energy-related advisory services.

- *Electricity Infrastructure and Industry Transformation* oversees programmes and projects focused on the development, improvement and transformation of the electricity generation, transmission and distribution sector, and independent power producers.
- *Energy Efficiency Projects* advances energy efficiency in South Africa through planning and coordinating initiatives and interventions focused on the energy efficiency market. This subprogramme also makes transfers in respect of municipal energy efficiency programmes.
- *Renewable Energy Projects* ensures the integration of renewable energy into South Africa's mainstream energy supply through planning and coordinating initiatives and interventions focused on the renewable energy market. This subprogramme also makes transfers to the South African National Energy Development Institute.
- *Environmental Management Projects* provides strategic guidance on environmental management and climate change. It also assists mines to prevent the uncontrolled movement of water into and out of underground mine openings and holdings.

Expenditure trends and estimates

Table 34.14 Mineral and Energy Resources Programmes and Projects 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
R million											
Programmes and Projects Management	2.4	1.9	2.3	5.1	28.0%	–	3.7	3.9	4.1	-6.9%	0.1%
Integrated National Electrification Programme	5 630.6	6 111.2	5 321.0	5 234.6	-2.4%	90.6%	5 116.5	5 258.4	6 075.9	5.1%	89.1%
Programmes and Projects Management Office	38.4	29.9	33.3	50.9	9.8%	0.6%	66.6	70.4	71.6	12.1%	1.1%
Regional Programmes and Projects Management Office	19.7	18.3	20.2	20.9	2.2%	0.3%	22.1	23.4	26.2	7.7%	0.4%
Electricity Infrastructure and Industry Transformation	5.6	8.4	6.1	6.9	7.4%	0.1%	9.1	9.7	10.2	14.0%	0.1%
Energy Efficiency Projects	527.1	537.5	344.8	318.9	-15.4%	7.0%	326.1	344.0	360.7	4.2%	5.5%
Renewable Energy Projects	25.2	64.2	75.8	80.1	46.9%	1.0%	85.7	90.5	94.9	5.8%	1.4%
Environmental Management Projects	9.4	16.8	11.0	23.6	35.7%	0.2%	168.2	177.5	186.1	99.1%	2.3%
Total	6 258.5	6 788.1	5 814.5	5 740.9	-2.8%	100.0%	5 798.1	5 977.7	6 829.7	6.0%	100.0%
Change to 2019 Budget estimate				(250.4)			(76.8)	(846.6)	(300.5)		
Economic classification											
Current payments	119.2	196.3	226.4	205.9	20.0%	3.0%	240.7	244.7	256.4	7.6%	3.9%
Compensation of employees	75.6	76.7	83.5	91.7	6.7%	1.3%	103.9	109.8	116.9	8.4%	1.7%
Goods and services ¹	43.6	119.6	142.9	114.2	37.9%	1.7%	136.7	134.9	139.4	6.9%	2.2%
of which:											
Computer services	–	–	–	–	–	–	3.2	3.3	1.2	–	–
Consultants: Business and advisory services	7.8	0.7	7.3	69.6	107.3%	0.3%	93.6	89.6	92.0	9.7%	1.4%
Contractors	0.7	3.0	4.4	10.2	149.3%	0.1%	3.1	3.3	3.4	-30.4%	0.1%
Agency and support/outsourced services	1.1	–	–	–	-100.0%	–	10.6	11.2	11.6	–	0.1%
Travel and subsistence	16.2	12.4	14.6	14.1	-4.7%	0.2%	15.3	16.1	19.2	10.9%	0.3%
Venues and facilities	6.1	9.5	2.1	2.6	-24.4%	0.1%	4.3	4.6	4.8	21.8%	0.1%
Transfers and subsidies¹	6 139.1	6 591.7	5 588.1	5 535.0	-3.4%	97.0%	5 557.3	5 732.9	6 573.2	5.9%	96.1%
Provinces and municipalities	2 131.9	2 290.3	2 119.5	2 090.4	-0.7%	35.1%	2 076.7	2 233.1	2 362.0	4.2%	36.0%
Departmental agencies and accounts	20.6	59.8	70.2	74.2	53.2%	0.9%	99.4	104.8	109.6	13.9%	1.6%
Foreign governments and international organisations	2.2	1.0	1.5	2.9	9.4%	–	3.1	3.2	3.4	4.9%	0.1%
Public corporations and private enterprises	3 984.4	4 240.6	3 396.6	3 367.5	-5.5%	60.9%	3 378.2	3 391.7	4 098.3	6.8%	58.5%
Households	0.0	0.0	0.3	–	-100.0%	–	–	–	–	–	–
Payments for capital assets	0.1	0.2	0.0	0.1	-19.0%	–	0.1	0.1	0.1	6.0%	–
Machinery and equipment	0.1	0.2	0.0	0.1	-19.0%	–	0.1	0.1	0.1	6.0%	–
Payments for financial assets	0.0	–	–	–	-100.0%	–	–	–	–	–	–
Total	6 258.5	6 788.1	5 814.5	5 740.9	-2.8%	100.0%	5 798.1	5 977.7	6 829.7	6.0%	100.0%
Proportion of total programme expenditure to vote expenditure	68.2%	69.8%	64.8%	62.5%	–	–	62.1%	62.5%	64.5%	–	–

Table 34.14 Mineral and Energy Resources Programmes and Projects expenditure trends and estimates by subprogramme and economic classification

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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
R million											
Provinces and municipalities											
Municipalities											
Municipal bank accounts											
Current	185.6	203.2	215.0	227.1	6.9%	3.4%	218.0	230.0	243.3	2.3%	3.8%
Energy Efficiency and Demand-Side Management Grant	185.6	203.2	215.0	227.1	6.9%	3.4%	218.0	230.0	243.3	2.3%	3.8%
Capital	1 946.2	2 087.0	1 904.5	1 863.3	-1.4%	31.7%	1 858.8	2 003.2	2 118.7	4.4%	32.2%
Integrated National Electrification Programme Grant	1 946.2	2 087.0	1 904.5	1 863.3	-1.4%	31.7%	1 858.8	2 003.2	2 118.7	4.4%	32.2%
Households											
Other transfers to households											
Current	0.0	0.0	0.3	-	-100.0%	-	-	-	-	-	-
Employee Social Benefits	0.0	0.0	0.3	-	-100.0%	-	-	-	-	-	-
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	20.6	59.8	70.2	74.2	53.2%	0.9%	99.4	104.8	109.6	13.9%	1.6%
Council for Geoscience	-	-	-	-	-	-	21.2	22.3	23.2	-	0.3%
South African National Energy Development Institute	20.6	59.8	70.2	74.2	53.2%	0.9%	78.2	82.5	86.5	5.3%	1.3%
Public corporations and private enterprises											
Public corporations											
Other transfers to public corporations											
Current	-	-	-	2.6	-	-	124.1	130.9	135.8	272.2%	1.6%
Mintek	-	-	-	-	-	-	121.3	128.0	132.7	-	1.6%
Mintek: Expanded public works programme	-	-	-	2.6	-	-	2.8	2.9	3.0	4.9%	-
Foreign governments and international organisations											
Current	2.2	1.0	1.5	2.9	9.4%	-	3.1	3.2	3.4	4.9%	0.1%
International Energy Forum	-	-	0.4	0.4	-	-	0.4	0.4	0.4	5.3%	-
International Renewable Energy Agency	2.2	1.0	1.2	1.2	-18.5%	-	1.3	1.3	1.4	5.3%	-
International Partnership for Energy Efficiency Cooperation	-	-	-	1.3	-	-	1.4	1.5	1.5	4.5%	-
Public corporations and private enterprises											
Private enterprises											
Other transfers to private enterprises											
Capital	137.7	159.0	134.6	212.9	15.6%	2.6%	220.2	232.3	238.5	3.9%	3.7%
Various institutions: Integrated National Electrification Programme	137.7	159.0	134.6	212.9	15.6%	2.6%	220.2	232.3	238.5	3.9%	3.7%
Public corporations and private enterprises											
Private enterprises											
Private enterprises (subsidies on products and production)											
Current	-	-	-	6.2	-	-	6.5	6.9	7.1	4.8%	0.1%
Various institutions: Water management solutions subsidies for marginal mines	-	-	-	6.2	-	-	6.5	6.9	7.1	4.8%	0.1%
Public corporations and private enterprises											
Public corporations											
Public corporations (subsidies on products and production)											
Current	-	-	-	21.7	-	0.1%	25.9	27.4	28.7	9.8%	0.4%
Industrial Development Corporation	-	-	-	21.7	-	0.1%	25.9	27.4	28.7	9.8%	0.4%
Capital	3 846.6	4 081.6	3 262.0	3 124.1	-6.7%	58.2%	3 001.5	2 994.3	3 688.2	5.7%	52.6%
Eskom	3 526.3	3 846.2	3 262.0	3 124.1	-4.0%	55.9%	3 001.5	2 994.3	3 688.2	5.7%	52.6%
Various institutions: Solar Water Heater Project	320.3	235.5	-	-	-100.0%	2.3%	-	-	-	-	-

1. Estimates of National Expenditure data tables can be downloaded from www.treasury.gov.za. These tables contain detailed information by goods and services, and transfers and subsidies items by programme.

Personnel information

Table 34.15 Mineral and Energy Resources Programmes and Projects personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2020			Number and cost ² of personnel posts filled/planned for on funded establishment												Number				
Number of funded posts	Number of posts additional to the establishment		Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/ Total (%)			
			2018/19			2019/20			2020/21		2021/22		2022/23						
Mineral and Energy Resources Programmes and Projects			Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	2019/20 - 2022/23	
Salary level	127	5	129	83.5	0.6	127	91.7	0.7	134	103.9	0.8	132	109.8	0.8	133	116.9	0.9	1.6%	100.0%
1 – 6	3	2	15	1.8	0.1	15	2.0	0.1	14	1.8	0.1	14	2.0	0.1	15	2.2	0.1	–	11.0%
7 – 10	64	2	62	34.5	0.6	60	37.0	0.6	63	41.5	0.7	61	43.3	0.7	61	46.3	0.8	0.6%	46.6%
11 – 12	38	1	33	26.4	0.8	33	29.2	0.9	38	35.6	0.9	38	37.8	1.0	38	40.1	1.1	4.8%	27.9%
13 – 16	22	–	19	20.8	1.1	19	23.5	1.2	19	25.1	1.3	19	26.6	1.4	19	28.3	1.5	–	14.4%

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

2. Rand million.

Programme 6: Nuclear Energy Regulation and Management

Programme purpose

Manage the South African nuclear energy industry and control nuclear materials in terms of international obligations, nuclear legislation and policies to ensure the peaceful use of nuclear energy.

Objectives

- Ensure compliance with international nuclear obligations by applying the relevant statutory frameworks and following the guidelines of the International Atomic Energy Agency for best international practices on an ongoing basis.
- Regulate the security of nuclear material, related equipment and facilities by developing and publishing appropriate regulations on an ongoing basis.
- Conduct awareness workshops and training courses, and participate in regional and international forums to enhance compliance with legislation and international obligations on an ongoing basis.

Subprogrammes

- *Nuclear Energy Management* provides overall management to the programme.
- *Nuclear Safety and Technology* manages and implements all matters related to nuclear safety and technology as required by legislation and international agreements; implements nuclear energy policy in line with the requirements of the integrated resource plan; and administers all matters related to nuclear technology, safety, liability and emergency management with the aim of improving the governance of the nuclear sector. This subprogramme also makes transfers to the South African Nuclear Energy Corporation and the National Nuclear Regulator and the National Radioactive Waste Disposal Institute; and is responsible for paying membership fees to international organisations.
- *Nuclear Non-proliferation and Radiation Security* manages and implements all matters related to nuclear non-proliferation and radiation security, as required by legislation and international agreements. It also administers the use of nuclear material, related equipment and facilities, including nuclear technology, to ensure compliance with legislation and international agreements.

Expenditure trends and estimates

Table 34.16 Nuclear Energy Regulation and Management expenditure trends and estimates by subprogramme and economic classification

Subprogramme	Audited outcome			Adjusted appropriation	Average growth rate (%)		Medium-term expenditure estimate			Average Expenditure/ Total (%)	
	2016/17	2017/18	2018/19		2019/20	2016/17 - 2019/20	2020/21	2021/22	2022/23	2019/20 - 2022/23	2019/20 - 2022/23
R million											
Nuclear Energy Management	4.4	4.7	3.3	3.6	-6.6%	0.4%	3.8	4.0	4.2	5.6%	0.3%
Nuclear Safety and Technology	859.0	780.8	857.7	1 025.4	6.1%	98.6%	1 081.5	1 140.4	1 183.2	4.9%	98.7%
Nuclear Non-Proliferation and Radiation Security	8.3	8.4	9.0	9.5	4.6%	1.0%	10.8	11.4	12.1	8.2%	1.0%
Total	871.7	793.9	870.0	1 038.5	6.0%	100.0%	1 096.1	1 155.8	1 199.5	4.9%	100.0%
Change to 2019 Budget estimate				(0.8)			0.3	(0.6)	(0.3)		
Economic classification											
Current payments	103.3	38.5	54.5	34.8	-30.5%	6.5%	37.8	39.9	41.0	5.7%	3.4%
Compensation of employees	19.4	20.3	21.6	24.3	7.8%	2.4%	26.8	28.2	29.6	6.8%	2.4%
Goods and services ¹	83.9	18.2	32.9	10.4	-50.1%	4.1%	11.0	11.6	11.4	3.1%	1.0%
<i>of which:</i>											
Administrative fees	0.1	0.2	0.1	0.2	8.1%	-	0.1	0.1	0.1	-6.2%	-
Advertising	0.1	0.0	0.2	0.2	23.4%	-	0.3	0.4	0.4	26.8%	-
Communication	0.3	0.8	0.4	0.3	-4.0%	0.1%	0.3	0.3	0.4	4.6%	-
Consultants: Business and advisory services	78.5	13.3	29.9	7.5	-54.3%	3.6%	8.1	8.5	8.2	3.0%	0.7%
Travel and subsistence	2.3	2.2	1.9	1.7	-9.3%	0.2%	1.7	1.8	1.8	2.9%	0.2%
Venues and facilities	1.3	0.8	0.2	0.4	-32.5%	0.1%	0.3	0.3	0.3	-7.3%	-
Transfers and subsidies¹	670.0	755.4	769.1	1 003.8	14.4%	89.5%	1 058.3	1 115.9	1 158.5	4.9%	96.6%
Departmental agencies and accounts	50.9	68.6	62.0	90.6	21.2%	7.6%	94.9	99.5	103.8	4.6%	8.7%
Foreign governments and international organisations	19.8	22.7	24.3	22.8	4.8%	2.5%	24.0	25.3	26.3	4.9%	2.2%
Public corporations and private enterprises	599.3	664.2	682.7	890.4	14.1%	79.4%	939.4	991.1	1 028.4	4.9%	85.7%
Payments for capital assets	98.4	-	46.4	-	-100.0%	4.1%	-	-	-	-	-
Machinery and equipment	11.0	-	-	-	-100.0%	0.3%	-	-	-	-	-
Software and other intangible assets	87.3	-	46.4	-	-100.0%	3.7%	-	-	-	-	-
Total	871.7	793.9	870.0	1 038.5	6.0%	100.0%	1 096.1	1 155.8	1 199.5	4.9%	100.0%
Proportion of total programme expenditure to vote expenditure	9.5%	8.2%	9.7%	11.3%	-	-	11.7%	12.1%	11.3%	-	-
Details of transfers and subsidies											
Departmental agencies and accounts											
Departmental agencies (non-business entities)											
Current	50.5	68.2	61.6	90.1	21.3%	7.6%	94.4	99.0	103.3	4.6%	8.6%
National Nuclear Regulator	40.5	38.2	16.1	42.6	1.7%	3.8%	45.0	47.4	49.2	4.9%	4.1%
National Radioactive Waste Disposal Institute	10.0	30.0	45.5	47.5	68.1%	3.7%	49.4	51.6	54.0	4.4%	4.5%
Capital	0.4	0.4	0.4	0.5	5.5%	-	0.5	0.5	0.5	4.9%	-
National Nuclear Regulator	0.4	0.4	0.4	0.5	5.5%	-	0.5	0.5	0.5	4.9%	-
Public corporations and private enterprises											
Public corporations											
Other transfers to public corporations											
Current	513.5	574.0	587.3	789.7	15.4%	69.0%	923.2	974.0	1 010.7	8.6%	82.4%
South African Nuclear Energy Corporation	513.5	574.0	587.3	789.7	15.4%	69.0%	923.2	974.0	1 010.7	8.6%	82.4%
Capital	85.9	90.2	95.4	100.7	5.5%	10.4%	16.2	17.1	17.7	-44.0%	3.4%
South African Nuclear Energy Corporation	85.9	90.2	95.4	100.7	5.5%	10.4%	16.2	17.1	17.7	-44.0%	3.4%
Foreign governments and international organisations											
Current											
19.8	22.7	24.3	22.8	4.8%	2.5%	24.0	25.3	26.3	4.9%	2.2%	
International Atomic Energy Agency	19.8	22.7	24.3	22.8	4.8%	2.5%	24.0	25.3	26.3	4.9%	2.2%

1. Estimates of National Expenditure data tables can be downloaded from www.treasury.gov.za. These tables contain detailed information by goods and services, and transfers and subsidies items by programme.

Personnel information

Table 34.17 Nuclear Energy Regulation and Management personnel numbers and cost by salary level¹

Number of posts estimated for 31 March 2020		Number and cost ² of personnel posts filled/planned for on funded establishment															Number		
Number of funded posts	Number of posts additional to the establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/ Total (%)				
		2018/19			2019/20			2020/21		2021/22		2022/23				2019/20 - 2022/23			
Nuclear Energy Regulation and Management		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Salary level	29	–	27	21.6	0.8	30	24.3	0.8	31	26.8	0.9	29	28.2	1.0	28	29.6	1.1	-2.3%	100.0%
1–6	–	–	1	0.1	0.1	2	0.2	0.1	2	0.2	0.1	–	–	–	–	–	–	-100.0%	3.4%
7–10	9	–	9	4.4	0.5	11	5.9	0.5	11	6.3	0.6	11	6.6	0.6	10	6.7	0.7	-3.1%	36.4%
11–12	11	–	9	7.3	0.8	9	7.8	0.9	10	9.2	0.9	10	9.7	1.0	10	10.3	1.0	3.6%	33.1%
13–16	9	–	8	9.8	1.2	8	10.5	1.3	8	11.1	1.4	8	11.8	1.5	8	12.6	1.6	–	27.1%

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

2. Rand million.

Entities

Central Energy Fund

Selected performance indicators

Table 34.18 Central Energy Fund performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Total indigenous production of fuel supplied to the market per year (million barrels)	Oil and gas, national oil company		2.766	6.286	4.000	– ¹	– ¹	– ¹	– ¹
Number of reportable environmental incidents at the Central Energy Fund group per year	Oil and gas, national oil company	Entity mandate	5	2	7	10	10	10	10
Number of tons (measured per thousand) of coal produced/sold at Vlakfontein by the African Exploration Mining and Finance Corporation per year	Mining, coal		1 389	1 400	2 100	3 000	4 000	5 000	6 000

1. Indicator discontinued.

Entity overview

The Central Energy Fund is listed in schedule 2 of the Public Finance Management Act (1999), and is governed by the Central Energy Fund Act (1977) and the Companies Act (2008). Its mandate is to research, finance, develop and exploit appropriate energy solutions to contribute to South Africa's security of energy supply. Through its subsidiaries, the fund is also mandated to finance and promote the acquisition of coal; exploit coal deposits; manufacture liquid fuel, oil and other products from coal; market these products; and acquire, generate, manufacture, market, distribute or research any other form of energy. The fund's subsidiaries are: the Petroleum Oil and Gas Corporation of South Africa; the South African Gas Development Company; Petroleum Agency South Africa; Oil Pollution Control South Africa; the Strategic Fuel Fund; African Exploration Mining Finance Corporation; and ETA Energy and CCE Solutions.

Over the medium term, the fund will focus on sustaining and improving its liquidity and solvency in its efforts to return to commercial viability. Initiatives expected to improve profitability include new business development and expansions for revenue growth, and the optimisation of feedstock for the gas-to-liquid facility. The fund will also aim to reduce operating costs, improve liquidity through working capital management, and dispose of non-core assets.

Total expenditure is expected to increase from R15.7 billion in 2019/20 to R16.9 billion in 2022/23 at an average annual rate of 2.4 per cent, mainly driven by the planned increase in production at the African Exploration Mining Finance Corporation and the Petroleum Oil and Gas Corporation of South Africa. Research and development costs and consulting fees are also expected to increase as the fund embarks on certain commercial projects.

The fund generates revenue almost entirely through commercial activities. Total revenue is expected to increase from R16.9 billion in 2019/20 to R17.3 billion in 2022/23 at an average annual rate of 0.9 per cent, driven mainly by the expected increase in sales for the Petroleum Oil and Gas Corporation of South Africa and the African Exploration Mining Finance Corporation, as well as increased income from dividends and interest.

Programmes/Objectives/Activities

Table 34.19 CEF (Pty) Ltd 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 (%)
	2016/17	2017/18	2018/19	2019/20				2020/21	2021/22	2022/23		
Administration	113.0	201.7	195.3	340.6	44.4%	1.4%	358.2	376.5	394.2	5.0%	2.1%	
Clean and renewable energy	16.3	22.0	1.5	201.8	131.5%	0.4%	1.9	2.0	2.1	-78.1%	0.3%	
Oil and gas, national oil company	12 392.2	12 077.7	14 997.9	13 504.3	2.9%	88.6%	15 124.4	14 801.2	13 346.9	-0.4%	82.6%	
Strategic stock and oil pollution control	704.0	706.1	483.0	506.5	-10.4%	4.1%	394.2	418.8	445.6	-4.2%	2.6%	
Mining, coal	424.6	521.1	703.3	883.4	27.7%	4.2%	1 726.9	2 008.5	2 368.1	38.9%	10.1%	
Gas and gas infrastructure	41.8	35.7	37.0	104.8	35.8%	0.4%	227.5	195.9	95.0	-3.2%	0.9%	
Promotion, licensing and regulation	112.4	113.6	116.8	203.4	21.9%	0.9%	222.7	236.0	240.2	5.7%	1.3%	
Total	13 804.3	13 677.9	16 534.7	15 744.8	4.5%	100.0%	18 055.8	18 038.9	16 892.1	2.4%	100.0%	

Statements of historical financial performance, cash flow and financial position

Table 34.20 CEF (Pty) Ltd statements of historical financial performance, cash flow and financial position

Statement of financial performance									
R million	Budget		Audited outcome		Budget		Audited outcome		Average: Outcome/ Budget (%)
	2016/17	2017/18	2018/19	2019/20	2016/17 - 2019/20				
Revenue	18 213.9	13 183.4	18 104.1	13 544.7	13 211.2	16 064.1	20 006.1	16 873.1	85.8%
Non-tax revenue	17 344.3	11 940.1	17 261.5	12 131.0	12 198.3	14 491.9	18 666.3	15 388.9	82.4%
Sale of goods and services other than capital assets	17 344.3	11 940.1	17 261.5	12 131.0	12 198.3	14 491.9	18 666.3	15 388.9	82.4%
of which:									
Sales by market establishment	869.6	1 243.3	842.6	1 413.7	1 012.9	1 572.3	1 339.8	1 484.2	140.6%
Other non-tax revenue	18 213.9	13 183.4	18 104.1	14 031.7	13 211.2	16 064.1	20 006.1	16 873.1	86.5%
Total revenue	18 213.9	13 183.4	18 104.1	14 031.7	13 211.2	16 064.1	20 006.1	16 873.1	86.5%
Expenses	17 788.5	13 502.8	18 703.6	13 612.2	13 638.4	15 755.0	19 123.2	15 488.7	84.3%
Current expenses	1 080.3	1 366.4	1 620.3	1 475.9	1 600.3	1 624.8	1 690.8	1 837.1	105.2%
Compensation of employees	15 566.4	10 414.4	16 789.7	10 514.4	11 706.7	13 521.4	17 256.8	13 346.7	77.9%
Goods and services	1 007.4	1 127.4	91.8	1 048.2	100.2	73.9	108.7	81.1	178.1%
Depreciation	134.4	594.7	201.9	573.6	231.3	535.0	67.0	223.7	303.7%
Interest, dividends and rent on land	17 816.4	13 804.3	18 769.1	13 677.9	13 761.6	16 534.7	19 331.3	15 744.8	85.8%
Total expenses	17 788.5	13 502.8	18 703.6	13 612.2	13 638.4	15 755.0	19 123.2	15 488.7	84.3%
Surplus/(Deficit)	397.5	(620.8)	(665.0)	353.9	(550.4)	(470.6)	674.8	1 128.3	
Cash flow statement									
Cash flow from operating activities	2 295.1	1 237.6	2 988.2	2 468.2	730.9	1 642.8	899.6	2 212.4	109.4%
Receipts	18 038.0	17 556.7	21 559.1	21 221.4	12 922.4	12 558.1	19 349.3	17 086.4	95.2%
Non-tax receipts	17 168.4	16 391.7	20 663.2	19 815.6	12 062.3	10 905.9	18 470.9	15 840.9	92.1%
Sales of goods and services other than capital assets	17 168.4	16 391.7	20 663.2	19 815.6	12 062.3	10 905.9	18 470.9	15 840.9	92.1%
Other sales	869.6	1 165.0	895.9	1 405.8	860.1	1 652.1	878.5	1 245.5	156.1%
Other tax receipts	18 038.0	17 556.7	21 559.1	21 221.4	12 922.4	12 558.1	19 349.3	17 086.4	95.2%
Total receipts	18 038.0	17 556.7	21 559.1	21 221.4	12 922.4	12 558.1	19 349.3	17 086.4	95.2%
Payment	15 742.9	16 207.1	18 571.0	18 572.3	12 093.6	10 786.4	18 239.5	14 617.3	93.1%
Current payments	1 080.3	1 080.3	1 157.8	1 157.8	890.9	1 626.5	933.0	1 837.1	140.4%
Compensation of employees	14 528.2	14 983.9	17 280.4	17 280.4	11 000.9	9 003.1	17 271.3	12 585.1	89.6%
Goods and services	134.4	142.9	132.8	134.2	201.8	156.9	35.2	195.0	124.7%
Interest and rent on land	15 742.9	16 319.1	18 571.0	18 753.2	12 191.5	10 915.3	18 449.7	14 874.0	93.7%
Total payments	15 742.9	16 319.1	18 571.0	18 753.2	12 191.5	10 915.3	18 449.7	14 874.0	93.7%
Net cash flow from investing activities	(2 376.7)	(623.7)	(4 255.9)	(284.9)	(2 220.0)	(1 139.0)	(1 344.0)	(3 223.7)	51.7%
Acquisition of property, plant, equipment and intangible assets	(987.8)	(810.0)	(1 267.6)	(250.9)	(1 761.4)	(1 064.8)	(1 171.4)	(2 939.4)	97.6%
Acquisition of software and other intangible assets	(1 394.4)	(42.9)	(2 811.5)	(28.8)	(188.1)	(36.8)	(210.4)	(164.1)	5.9%
Proceeds from the sale of property, plant, equipment and intangible assets	-	76.5	-	-	-	0.3	-	-	-
Other flows from investing activities	5.6	152.7	(176.8)	(5.1)	(270.4)	(37.6)	37.8	(120.2)	2.5%

Table 34.20 CEF (Pty) Ltd statements of historical financial performance, cash flow and financial position

Statement of financial performance		Budget		Audited outcome		Budget estimate		Revised estimate		Average: Outcome/Budget (%)
R million		2016/17		2017/18		2018/19		2019/20		2016/17 - 2019/20
Net cash flow from financing activities	537.3	(238.0)	1 136.0	(173.7)	291.3	335.7	314.5	(8.5)		-3.7%
Borrowing activities	537.3	(302.1)	1 136.0	(122.5)	190.2	204.4	(133.5)	(8.5)		-13.2%
Repayment of finance leases	-	-	-	(37.7)	-	129.5	-	-		-
Other flows from financing activities	-	64.1	-	(13.5)	101.0	1.8	448.0	-		9.5%
Net increase/(decrease) in cash and cash equivalents	455.7	376.0	(131.7)	2 009.6	(1 197.8)	839.5	(129.9)	(1 019.8)		
Statement of financial position										
Carrying value of assets	14 031.2	11 408.7	17 390.7	9 119.0	9 257.3	10 670.8	9 476.0	11 573.4		85.3%
Acquisition of assets	(987.8)	(810.0)	(1 267.6)	(250.9)	(1 761.4)	(1 064.8)	(1 171.4)	(2 939.4)		97.6%
Investments	5 636.4	1 092.7	5 775.3	2 047.7	1 558.8	2 236.2	1 636.7	3 581.7		61.3%
Inventory	1 986.1	2 749.8	2 216.9	1 763.4	3 043.3	2 273.7	3 170.4	2 887.1		92.9%
Loans	-	32.8	-	46.6	70.5	51.6	75.8	44.4		119.9%
Receivables and prepayments	1 575.9	2 202.1	1 964.2	2 152.9	1 125.5	3 196.2	1 667.2	1 388.2		141.2%
Cash and cash equivalents	8 799.1	15 694.8	8 667.4	17 186.0	16 635.5	18 924.6	16 633.6	14 743.4		131.2%
Non-current assets held for sale	36.0	88.6	-	34.3	16.0	14.8	-	-		265.0%
Taxation	4.9	349.7	5.5	586.3	-	624.0	-	5.2		14 944.8%
Total assets	32 069.6	33 619.1	36 020.1	32 936.2	31 706.9	37 992.0	32 659.8	34 223.4		104.8%
Accumulated surplus/(deficit)	13 866.2	14 765.6	16 012.8	16 540.0	12 799.0	12 261.1	13 514.3	17 485.8		108.6%
Capital and reserves	1 704.1	(1 321.1)	1 704.1	(2 950.5)	1 534.8	856.5	1 604.5	(1 744.5)		-78.8%
Borrowings	1 022.3	866.8	2 196.3	770.2	999.1	968.3	865.6	911.6		69.2%
Finance lease	-	-	-	812.6	819.3	1 089.4	820.3	1 016.5		178.0%
Deferred income	-	-	-	-	-	-	-	41.7		-
Trade and other payables	1 525.4	6 800.2	1 599.3	7 070.8	4 887.9	9 554.4	4 616.5	5 502.7		229.1%
Taxation	1 838.9	1 888.8	1 838.9	1 457.4	893.0	2 140.7	890.7	802.7		115.2%
Provisions	11 555.1	10 431.2	12 104.1	9 074.2	9 630.7	10 965.3	10 195.8	10 112.5		93.3%
Managed funds (e.g. poverty alleviation fund)	-	-	-	18.5	-	-	-	-		-
Derivatives financial instruments	557.5	187.7	564.5	143.2	143.3	156.3	152.1	94.5		41.0%
Total equity and liabilities	32 069.6	33 619.1	36 020.1	32 936.2	31 706.9	37 992.0	32 659.8	34 223.4		104.8%

Statements of estimates of financial performance, cash flow and financial position**Table 34.21 CEF (Pty) Ltd statements of estimates of financial performance, cash flow and financial position**

Statement of financial performance		Average growth rate (%)		Average: Expenditure/Total (%)		Medium-term estimate		Average growth rate (%)		Average: Expenditure/Total (%)	
R million		2019/20		2016/17 - 2019/20		2020/21		2021/22		2022/23	
Revenue	16 873.1	8.6%	99.1%	20 410.2	19 599.9	17 329.5	0.9%	100.0%			
Non-tax revenue	15 388.9	8.8%	89.6%	18 707.4	18 073.0	15 844.9	1.0%	91.6%			
Sale of goods and services other than capital assets	15 388.9	8.8%	89.6%	18 707.4	18 073.0	15 844.9	1.0%	91.6%			
Sales by market establishment	1 484.2	6.1%	9.5%	1 702.7	1 526.9	1 484.6	0.0%	8.4%			
Other non-tax revenue	1 484.2	6.1%	9.5%	1 702.7	1 526.9	1 484.6	0.0%	8.4%			
Total revenue	16 873.1	8.6%	100.0%	20 410.2	19 599.9	17 329.5	0.9%	100.0%			
Current expenses	15 488.7	4.7%	97.7%	17 660.3	17 678.3	16 501.4	2.1%	98.0%			
Compensation of employees	1 837.1	10.4%	10.5%	2 136.8	2 315.1	2 407.0	9.4%	12.6%			
Goods and services	13 346.7	8.6%	79.7%	15 168.7	15 042.6	13 801.4	1.1%	83.5%			
Depreciation	81.1	-58.4%	4.2%	107.5	119.7	131.3	17.4%	0.6%			
Interest, dividends and rent on land	223.7	-27.8%	3.3%	247.3	200.9	161.7	-10.3%	1.2%			
Total expenses	15 744.8	4.5%	100.0%	18 055.8	18 038.9	16 892.1	2.4%	100.0%			
Surplus/(Deficit)	1 128.3			2 354.3	1 561.0	437.3					
Cash flow statement											
Cash flow from operating activities	2 212.4	21.4%	283.1%	2 577.7	2 780.9	1 652.5	1.2%	286.1%			
Receipts	17 086.4	-0.9%	100.0%	19 784.3	19 439.4	17 292.1	0.4%	100.0%			
Non-tax receipts	15 840.9	-1.1%	91.6%	18 540.2	18 114.6	16 024.9	0.4%	93.1%			
Sales of goods and services other than capital assets	15 840.9	-1.1%	91.6%	18 540.2	18 114.6	16 024.9	0.4%	93.1%			
Other sales	1 245.5	2.3%	8.4%	1 244.1	1 324.8	1 267.2	0.6%	6.9%			
Other tax receipts	1 245.5	2.3%	8.4%	1 244.1	1 324.8	1 267.2	0.6%	6.9%			
Total receipts	17 086.4	-0.9%	100.0%	19 784.3	19 439.4	17 292.1	0.4%	100.0%			
Current payments	14 617.3	-3.4%	102.8%	16 962.2	16 298.1	15 250.0	1.4%	98.0%			
Compensation of employees	1 837.1	19.4%	9.4%	2 136.8	2 315.1	2 407.0	9.4%	13.5%			
Goods and services	12 585.1	-5.6%	92.3%	14 607.4	13 815.0	12 718.4	0.4%	83.4%			
Interest and rent on land	195.0	10.9%	1.1%	218.0	167.9	124.7	-13.9%	1.1%			
Total payment	14 874.0	-3.0%	100.0%	17 206.6	16 658.6	15 639.6	1.7%	100.0%			
Net cash flow from investing activities	(3 223.7)	72.9%	100.0%	(3 942.5)	(3 224.3)	(2 340.5)	-10.1%	100.0%			
Acquisition of property, plant, equipment and intangible assets	(2 939.4)	53.7%	100.7%	(2 212.7)	(2 251.1)	(1 773.1)	-15.5%	73.2%			
Acquisition of software and other intangible assets	(164.1)	56.4%	6.3%	(130.9)	(304.1)	(30.7)	-42.8%	4.8%			
Other flows from investing activities	(120.2)	-192.3%	-3.9%	(1 598.9)	(669.1)	(536.6)	64.7%	22.0%			
Net cash flow from financing activities	(8.5)	-67.1%	100.0%	785.1	(154.0)	58.4	-290.2%	100.0%			
Borrowing Activities	(8.5)	-69.6%	89.6%	785.1	(154.0)	58.4	-290.2%	100.0%			
Net increase/(decrease) in cash and cash equivalents	(1 019.8)	-239.5%	100.0%	(579.7)	(597.4)	(629.6)	-14.9%	100.0%			

Table 34.21 CEF (Pty) Ltd statements of estimates of financial performance, cash flow and financial position

Statement of financial position	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/ Total (%)			
				2019/20	2016/17 - 2019/20	2020/21			2021/22	2022/23	2019/20 - 2022/23
				R million							
Carrying value of assets	11 573.4	0.5%	30.9%	12 807.5	14 396.4	15 274.0	9.7%	35.7%			
<i>Acquisition of assets</i>	(2 939.4)	53.7%	-3.6%	(2 212.7)	(2 251.1)	(1 773.1)	-15.5%	-6.2%			
Investments	3 581.7	48.5%	6.5%	5 784.4	6 650.4	7 398.6	27.4%	15.3%			
Inventory	2 887.1	1.6%	7.0%	3 112.9	3 113.8	3 071.4	2.1%	8.1%			
Loans	44.4	10.6%	0.1%	49.1	54.3	60.0	10.6%	0.1%			
Receivables and prepayments	1 388.2	-14.3%	6.4%	1 555.3	1 513.6	1 333.5	-1.3%	3.8%			
Cash and cash equivalents	14 743.4	-2.1%	47.9%	14 163.7	13 566.3	12 936.7	-4.3%	36.9%			
Taxation	5.2	-75.5%	1.1%	5.2	5.2	5.2	-	0.0%			
Total assets	34 223.4	0.6%	100.0%	37 478.2	39 300.0	40 079.5	5.4%	100.0%			
Accumulated surplus/(deficit)	17 485.8	5.8%	44.4%	19 752.7	21 398.2	21 937.8	7.9%	53.2%			
Capital and reserves	(1 744.5)	9.7%	-3.9%	(1 794.5)	(1 794.5)	(1 794.5)	0.9%	-4.7%			
Borrowings	911.6	1.7%	2.5%	1 786.7	2 007.3	1 935.3	28.5%	4.3%			
Finance lease	1 016.5	-	2.1%	733.2	142.4	44.7	-64.7%	1.4%			
Deferred income	41.7	-	0.0%	28.8	18.8	1.2	-69.0%	0.1%			
Trade and other payables	5 502.7	-6.8%	20.7%	5 245.5	5 242.2	5 103.7	-2.5%	14.0%			
Taxation	802.7	-24.8%	4.5%	953.9	954.0	955.2	6.0%	2.4%			
Provisions	10 112.5	-1.0%	29.2%	10 671.5	11 224.8	11 782.4	5.2%	29.0%			
Derivatives financial instruments	94.5	-20.5%	0.4%	100.5	106.8	113.6	6.3%	0.3%			
Total equity and liabilities	34 223.4	0.6%	100.0%	37 478.2	39 300.0	40 079.5	5.4%	100.0%			

Personnel information**Table 34.22 CEF (Pty) Ltd personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment												Number					
Number of funded posts	Number of posts on approved establishment	Actual		Revised estimate		Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)						
		2018/19		2019/20		2020/21		2021/22		2022/23				2019/20 - 2022/23					
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number				Cost	Unit cost			
CEF (Pty) Ltd		2 107	2 107	1 624.8	0.8	2 107	1 837.1	0.9	2 107	2 136.8	1.0	2 107	2 315.1	1.1	2 107	2 407.0	1.1	9.4%	100.0%
Salary level																			
7 – 10	623	623	623	244.0	0.4	623	275.9	0.4	623	320.9	0.5	623	347.7	0.6	623	361.3	0.6	9.4%	29.6%
11 – 12	681	681	681	447.2	0.7	681	505.8	0.7	681	588.3	0.9	681	637.1	0.9	681	662.3	1.0	9.4%	32.3%
13 – 16	803	803	803	933.6	1.2	803	1 055.4	1.3	803	1 227.6	1.5	803	1 330.3	1.7	803	1 383.4	1.7	9.4%	38.1%

1. Rand million.

South African Nuclear Energy Corporation**Selected performance indicators****Table 34.23 South African Nuclear Energy Corporation performance indicators by programme/objective/activity and related priority**

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of product and process innovations per year	Administration	Entity mandate	15	10	11	6	6	6	6
Number of scientific articles published per year	Administration		43	45	39	26	26	26	26
Number of days per year that the reactor is operationally available	Radiation products and services		289	300	266	287	287	287	287
Maximum allowable annual radiation dose (microsievert) in terms of licence conditions	Radiation products and services		5.6µSv	4.8µSv	5µSv	5µSv	5µSv	5µSv	5µSv

Entity overview

The South African Nuclear Energy Corporation is listed as a schedule 2 public entity in terms of the Public Finance Management Act (1999). It derives its mandate from the Nuclear Energy Act (1999), the Nuclear Energy Policy (2008) and directives conferred on it by the Minister of Energy. The corporation's subsidiaries include international fluoro-chemical producer Pelchem; radiopharmaceutical and radioisotope producer NTP Radioisotopes; and Pelindaba Enterprises, which specialises in the manufacturing of power-generation components. It also operates the SAFARI-1 nuclear reactor for research, technology development and the production of radioisotopes. The corporation is responsible for the decommissioning and decontamination of nuclear facilities, and contributes to South Africa's obligations in terms of international nuclear treaties and agreements.

Over the medium term, the corporation will focus on increasing medical radioisotope production and radiation applications used locally and internationally for the diagnosis and treatment of cancer. This activity accounts for the bulk of the corporation's spending, and is set to increase from R1.4 billion in 2019/20 to R2.6 billion in 2022/23 at an average annual rate of 22.9 per cent. Other priorities include research and technology development for new products, specialised nuclear manufacturing, support for nuclear power generation, and the decommissioning and decontamination of disused nuclear facilities. The corporation's total expenditure is expected to be R11.2 billion over the medium term.

The sale of nuclear technology products, chemical products and nuclear engineering services are expected to account for 60 per cent (R7.6 billion) of the corporation's revenue over the medium term. The projected increase in sales is mostly attributed to NTP Radioisotopes operating at higher capacity, as well as improved market conditions. Transfers from the department, amounting to a projected 38.1 per cent (R3.9 billion) of total revenue over the medium term, will be used for operational requirements and activities such as the decommissioning of disused plants, radioactive waste management at all disused nuclear facilities, the production and conversion of low-enriched uranium fuel, and nuclear safety.

Programmes/Objectives/Activities

Table 34.24 South African Nuclear Energy Corporation Limited expenditure trends and estimates by programme/objective/activity

R million	Audited outcome			Revised estimate 2019/20	Average growth rate (%) 2016/17 - 2019/20	Average: Expenditure/ Total (%)	Medium-term expenditure estimate			Average growth rate (%) 2019/20 - 2022/23	Average: Expenditure/ Total (%)
	2016/17	2017/18	2018/19				2020/21	2021/22	2022/23		
Administration	442.7	464.3	487.5	463.2	1.5%	14.7%	500.2	523.8	541.3	5.3%	14.0%
Nuclear energy	409.8	409.5	429.3	399.1	-0.9%	13.0%	498.1	517.9	546.5	11.0%	13.5%
Radiation products and services	1 514.4	2 050.4	1 628.3	1 820.5	6.3%	55.0%	1 966.0	2 026.5	2 136.8	5.5%	54.9%
South African Nuclear Energy Corporation as a host of nuclear programmes	509.7	539.6	561.9	590.0	5.0%	17.4%	619.5	650.5	688.7	5.3%	17.6%
Total	2 876.6	3 463.8	3 107.0	3 272.9	4.4%	100.0%	3 583.8	3 718.7	3 913.2	6.1%	100.0%

Statements of historical financial performance, cash flow and financial position

Table 34.25 South African Nuclear Energy Corporation Limited statements of historical financial performance, cash flow and financial position

Statement of financial performance									
R million	Budget	Audited outcome	Budget	Audited outcome	Budget	Audited outcome	Budget estimate	Revised estimate	Average: Outcome/ Budget (%)
	2016/17	2017/18	2017/18	2018/19	2018/19	2019/20	2019/20	2016/17 - 2019/20	
Revenue									
Non-tax revenue	1 929.1	2 281.7	1 948.9	2 689.6	2 031.6	2 373.5	2 375.7	1 468.2	106.4%
Sale of goods and services other than capital assets	1 883.4	1 622.8	1 736.1	1 815.1	1 674.8	1 468.5	2 288.2	1 423.4	83.5%
<i>of which:</i>									
<i>Sales by market establishment</i>	1 883.4	1 622.8	1 736.1	1 815.1	1 674.8	1 468.5	2 288.2	1 423.4	83.5%
Other non-tax revenue	45.6	658.9	212.8	874.4	356.8	905.1	87.5	44.8	353.3%
Transfers received	649.4	637.1	837.5	720.8	1 116.0	697.8	1 170.1	1 655.4	98.4%
Total revenue	2 578.4	2 918.9	2 786.4	3 410.4	3 147.6	3 071.3	3 545.8	3 123.6	103.9%
Expenses									
Current expenses	2 598.1	2 805.8	2 395.8	3 389.5	2 990.1	3 029.0	3 314.8	3 190.9	109.9%
Compensation of employees	916.1	989.4	990.0	1 016.3	1 066.4	1 066.4	1 220.0	1 200.4	101.9%
Goods and services	1 611.9	1 740.8	1 313.2	2 293.8	1 840.3	1 879.2	2 007.2	1 932.0	115.8%
Depreciation	65.5	70.8	87.4	74.3	78.0	78.0	81.9	52.9	88.2%
Interest, dividends and rent on land	4.5	4.9	5.1	5.1	5.4	5.4	5.6	5.6	101.7%
Total expenses	2 663.6	2 876.6	2 482.2	3 463.8	3 068.2	3 107.0	3 396.8	3 272.9	109.6%
Surplus/(Deficit)	(85.2)	42.2	304.2	(53.4)	79.4	(35.8)	149.0	(149.3)	
Cash flow statement									
Cash flow from operating activities	1 036.6	279.2	329.2	1 156.0	253.1	(1 092.4)	265.4	278.4	33.0%
Receipts									
Non-tax receipts	3 029.0	1 725.2	1 948.9	2 136.7	1 752.0	1 792.2	2 357.3	2 357.3	88.2%
Sales of goods and services other than capital assets	2 983.4	1 407.1	1 736.1	1 815.1	1 674.8	1 468.5	2 288.2	2 288.2	80.4%
<i>Sales by market establishment</i>	1 912.4	1 407.1	1 736.1	1 815.1	1 674.8	1 468.5	2 288.2	2 288.2	91.7%
<i>Other sales</i>	1 070.9	-	-	-	-	-	-	-	-
Other tax receipts	45.6	318.1	212.8	321.5	77.2	323.7	69.1	69.1	255.1%
Transfers received	632.3	637.1	837.5	720.8	945.7	697.8	1 193.7	1 193.7	90.0%
Total receipts	3 661.3	2 362.3	2 786.4	2 857.5	2 697.7	2 489.9	3 551.0	3 551.0	88.7%

Table 34.25 South African Nuclear Energy Corporation Limited statements of historical financial performance, cash flow and financial position

Statement of financial performance									
R million	Budget	Audited outcome	Budget	Audited outcome	Budget	Audited outcome	Budget estimate	Revised estimate	Average: Outcome/Budget (%)
	2016/17		2017/18		2018/19		2019/20		2016/17 - 2019/20
Payment									
Current payments	2 576.7	1 986.5	2 370.8	1 650.2	2 387.1	3 582.3	3 202.2	3 189.2	98.8%
Compensation of employees	972.1	846.9	1 099.9	1 422.2	1 292.0	1 292.0	1 407.0	1 407.0	104.1%
Goods and services	1 600.1	1 128.0	1 265.7	220.7	1 051.7	2 246.9	1 773.7	1 760.7	94.1%
Interest and rent on land	4.5	11.6	5.1	7.3	43.4	43.4	21.5	21.5	112.4%
Total payments	2 624.8	2 083.1	2 457.2	1 701.5	2 444.6	3 582.3	3 285.6	3 272.6	98.4%
Net cash flow from investing activities	(124.1)	(21.9)	(230.9)	(629.9)	(261.5)	965.0	(205.0)	(121.3)	-23.4%
Acquisition of property, plant, equipment and intangible assets	(107.5)	(165.8)	(162.8)	(59.4)	(190.9)	(21.9)	(60.9)	(93.7)	65.3%
Acquisition of software and other intangible assets	(2.4)	(0.4)	(81.7)	(0.2)	(41.1)	(47.9)	(10.0)	(10.0)	43.3%
Proceeds from the sale of property, plant, equipment and intangible assets	–	2.5	18.0	2.7	–	2.2	–	–	41.4%
Other flows from investing activities	(14.1)	141.8	(4.5)	(573.1)	(29.5)	1 032.7	(134.1)	(17.6)	-320.3%
Net cash flow from financing activities	90.4	(14.5)	6.0	(25.2)	32.5	(23.5)	25.4	(6.9)	-45.4%
Deferred income	90.4	4.4	–	(14.4)	–	(17.3)	–	–	-30.2%
Borrowing activities	–	(16.0)	6.0	–	32.5	–	25.4	(6.9)	-35.9%
Repayment of finance leases	–	(2.9)	–	(6.0)	–	0.3	–	–	–
Other flows from financing activities	–	–	–	(4.8)	–	(6.5)	–	–	–
Net increase/(decrease) in cash and cash equivalents	1 002.9	242.8	104.3	500.9	24.1	(150.8)	85.8	150.2	
Statement of financial position									
Carrying value of assets	1 463.4	1 376.6	1 603.0	1 393.1	1 785.3	1 438.9	1 820.9	1 490.8	85.4%
Acquisition of assets	(107.5)	(165.8)	(162.8)	(59.4)	(190.9)	(21.9)	(60.9)	(93.7)	65.3%
Investments	3 340.5	3 172.0	3 333.6	5 187.9	3 691.8	4 665.8	3 878.1	3 586.9	116.6%
Inventory	256.4	238.1	343.4	283.2	389.9	309.4	520.6	419.0	82.7%
Loans	–	–	36.6	–	–	–	–	–	–
Receivables and prepayments	279.9	205.1	397.5	517.1	495.1	412.4	563.6	352.0	85.6%
Cash and cash equivalents	598.3	1 065.3	531.9	507.7	152.2	370.9	67.2	471.9	179.0%
Taxation	15.7	41.0	32.1	45.6	30.7	95.4	30.7	19.5	184.4%
Total assets	5 954.3	6 098.1	6 278.2	7 934.6	6 545.0	7 292.8	6 881.1	6 340.2	107.8%
Accumulated surplus/(deficit)	267.1	504.0	763.2	798.7	196.4	885.1	334.6	(677.7)	96.7%
Capital and reserves	422.4	600.4	145.4	750.9	691.4	(127.9)	698.6	624.9	94.4%
Capital reserve fund	601.6	–	198.9	–	–	–	–	–	–
Borrowings	85.2	123.7	6.0	32.0	30.3	46.0	29.8	35.0	156.4%
Finance lease	4.6	5.3	4.4	2.9	5.8	6.9	6.7	4.8	92.6%
Deferred income	–	594.4	594.4	579.9	645.0	562.7	633.9	579.9	123.7%
Trade and other payables	226.9	196.1	361.4	728.2	291.9	666.4	332.2	593.7	180.2%
Benefits payable	–	23.8	–	33.5	35.2	34.5	36.9	–	127.3%
Taxation	–	1.1	22.3	0.5	0.3	4.7	0.3	–	27.6%
Provisions	992.7	739.3	972.4	955.5	1 149.2	975.5	1 218.9	583.6	75.1%
Derivatives financial instruments	3 353.7	3 310.1	3 087.8	4 052.2	3 499.6	4 239.0	3 589.4	4 596.0	119.7%
Total equity and liabilities	5 954.3	6 098.1	6 156.1	7 934.6	6 545.0	7 292.8	6 881.1	6 340.2	108.3%

Statements of estimates of financial performance, cash flow and financial position**Table 34.26 South African Nuclear Energy Corporation Limited statements of estimates of financial performance, cash flow and financial position**

Statement of financial performance								
R million	Revised estimate	Average growth rate (%)	Average: Expenditure/Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/Total (%)
	2019/20	2016/17 - 2019/20		2020/21	2021/22	2022/23	2019/20 - 2022/23	
Revenue								
Non-tax revenue	1 468.2	-13.7%	70.3%	2 494.3	2 583.3	2 720.2	22.8%	61.9%
Sale of goods and services other than capital assets	1 423.4	-4.3%	50.6%	2 408.8	2 507.4	2 640.3	22.9%	60.0%
Sales by market establishment	1 423.4	-4.3%	50.6%	2 408.8	2 507.4	2 640.3	22.9%	60.0%
Other non-tax revenue	44.8	-59.2%	19.8%	85.5	75.9	80.0	21.3%	1.9%
Transfers received	1 655.4	37.5%	29.7%	1 232.9	1 287.4	1 340.4	-6.8%	38.1%
Total revenue	3 123.6	2.3%	100.0%	3 727.3	3 870.7	4 060.6	9.1%	100.0%
Current expenses								
Compensation of employees	1 200.4	6.7%	33.7%	1 284.1	1 355.3	1 424.6	5.9%	36.3%
Goods and services	1 932.0	3.5%	61.6%	2 121.7	2 176.5	2 291.8	5.9%	58.8%
Depreciation	52.9	-9.2%	2.2%	86.0	90.3	95.1	21.6%	2.2%
Interest, dividends and rent on land	5.6	5.0%	0.2%	5.9	6.2	6.6	5.1%	0.2%
Total expenses	3 272.9	4.4%	100.0%	3 583.8	3 718.7	3 913.2	6.1%	100.0%
Surplus/(Deficit)	(149.3)			143.4	152.0	147.4		

Table 34.26 South African Nuclear Energy Corporation Limited statements of estimates of financial performance, cash flow and financial position

Cash flow statement								
	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
R million	2019/20	2016/17 - 2019/20	2019/20	2020/21	2021/22	2022/23	2019/20 - 2022/23	2019/20 - 2022/23
Cash flow from operating activities	278.4	-0.1%	194.8%	349.3	400.1	406.1	14.5%	187.0%
Receipts								
Non-tax receipts	2 357.3	11.0%	71.5%	2 476.6	2 571.0	2 707.2	4.7%	63.5%
Sales of goods and services other than capital assets	2 288.2	17.6%	61.6%	2 408.8	2 507.4	2 640.3	4.9%	61.8%
<i>Sales by market establishment</i>	2 288.2	17.6%	61.6%	2 408.8	2 507.4	2 640.3	4.9%	61.8%
Other tax receipts	69.1	-39.9%	9.9%	67.8	63.6	67.0	-1.0%	1.7%
Transfers received	1 193.7	23.3%	28.5%	1 370.2	1 615.3	1 685.7	12.2%	36.5%
Total receipts	3 551.0	14.6%	100.0%	3 846.8	4 186.2	4 392.9	7.4%	100.0%
Current payments	3 189.2	17.1%	82.4%	3 423.2	3 712.1	3 908.9	7.0%	97.9%
Compensation of employees	1 407.0	18.4%	38.8%	1 487.0	1 564.0	1 646.9	5.4%	42.0%
Goods and services	1 760.7	16.0%	42.9%	1 913.1	2 122.7	2 235.2	8.3%	55.2%
Interest and rent on land	21.5	23.0%	0.7%	23.2	25.4	26.7	7.5%	0.7%
Total payment	3 272.6	16.2%	100.0%	3 497.6	3 786.1	3 986.8	6.8%	100.0%
Net cash flow from investing activities	(121.3)	76.9%	100.0%	(250.1)	(254.9)	(268.4)	30.3%	100.0%
Acquisition of property, plant, equipment and intangible assets	(93.7)	-17.3%	210.3%	(106.0)	(113.5)	(119.5)	8.5%	52.2%
Acquisition of software and other intangible assets	(10.0)	187.0%	1.3%	(10.0)	(15.3)	(16.1)	17.2%	6.1%
Other flows from investing activities	(17.6)	-149.9%	-108.7%	(134.1)	(126.1)	(132.8)	96.1%	41.8%
Net cash flow from financing activities	(6.9)	-21.8%	100.0%	6.1	(5.0)	(5.2)	-9.0%	100.0%
Borrowing Activities	(6.9)	-24.3%	52.6%	6.1	(5.0)	(5.2)	-9.0%	100.0%
Net increase/(decrease) in cash and cash equivalents	150.2	-14.8%	100.0%	105.2	140.3	132.5	-4.1%	100.0%
Statement of financial position								
Carrying value of assets	1 490.8	2.7%	20.8%	1 860.3	1 912.9	2 014.3	10.6%	25.0%
<i>Acquisition of assets</i>	<i>(93.7)</i>	<i>-17.3%</i>	<i>-1.3%</i>	<i>(106.0)</i>	<i>(113.5)</i>	<i>(119.5)</i>	<i>8.5%</i>	<i>-1.5%</i>
Investments	3 586.9	4.2%	59.5%	4 069.3	4 236.0	4 460.5	7.5%	56.4%
Inventory	419.0	20.7%	4.6%	567.1	604.4	636.5	15.0%	7.6%
Receivables and prepayments	352.0	19.7%	5.3%	620.4	690.3	726.9	27.3%	8.1%
Cash and cash equivalents	471.9	-23.8%	9.1%	32.2	67.6	71.1	-46.8%	2.4%
Taxation	19.5	-22.0%	0.7%	30.7	30.7	32.4	18.4%	0.4%
Total assets	6 340.2	1.3%	100.0%	7 180.1	7 541.9	7 941.7	7.8%	100.0%
Accumulated surplus/(deficit)	(677.7)	-210.4%	4.9%	441.4	551.8	581.1	-195.0%	2.5%
Capital and reserves	624.9	1.3%	6.9%	706.8	716.6	754.6	6.5%	9.7%
Borrowings	35.0	-34.4%	0.9%	69.1	153.6	161.8	66.6%	1.4%
Finance lease	4.8	-3.5%	0.1%	7.5	7.6	8.0	18.9%	0.1%
Deferred income	579.9	-0.8%	8.5%	694.2	719.9	758.1	9.3%	9.5%
Trade and other payables	593.7	44.7%	7.7%	351.5	388.6	409.2	-11.7%	6.1%
Taxation	-	-100.0%	0.0%	0.3	0.3	0.4	-	0.0%
Provisions	583.6	-7.6%	11.7%	1 252.2	1 285.9	1 354.1	32.4%	15.2%
Derivatives financial instruments	4 596.0	11.6%	59.0%	3 657.0	3 717.5	3 914.5	-5.2%	55.5%
Total equity and liabilities	6 340.2	1.3%	100.0%	7 180.1	7 541.9	7 941.7	7.8%	100.0%

Personnel information**Table 34.27 South African Nuclear Energy Corporation Limited personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment												Number					
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)				
		2018/19	2019/20	2020/21	2019/20	2020/21	2021/22	2022/23	2020/21	2021/22	2022/23	2019/20 - 2022/23							
South African Nuclear Energy Corporation Limited		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Salary level	2 574	2 574	2 629	1 066.4	0.4	2 400	1 200.4	0.5	2 393	1 284.1	0.5	2 394	1 355.3	0.6	2 393	1 424.6	0.6	5.9%	100.0%
1 - 6	878	878	851	95.9	0.1	800	102.2	0.1	773	111.3	0.1	779	122.3	0.2	779	133.3	0.2	9.3%	32.7%
7 - 10	1 147	1 147	1 225	442.2	0.4	1 093	483.9	0.4	1 099	515.5	0.5	1 096	555.6	0.5	1 096	595.7	0.5	7.2%	45.8%
11 - 12	295	295	295	218.9	0.7	281	241.5	0.9	287	259.8	0.9	287	274.3	1.0	287	288.8	1.0	6.1%	11.9%
13 - 16	225	225	229	254.1	1.1	200	283.4	1.4	208	309.8	1.5	208	319.1	1.5	207	326.7	1.6	4.9%	8.6%
17 - 22	29	29	29	55.3	1.9	26	89.3	3.4	26	87.8	3.4	24	83.9	3.5	24	80.0	3.3	-3.6%	1.0%

1. Rand million.

Council for Geoscience

Selected performance indicators

Table 34.28 Council for Geoscience performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of conference proceedings published per year	Statutory projects	Entity mandate	-1	-1	136	41	80	25	25
Number of peer-reviewed articles published per year	Statutory projects		-1	47	26	22	24	16	16
Number of innovation projects reports completed per year	Statutory projects		3	2	3	4	4	5	5
Number of digital maps produced per year	Statutory projects		-1	-1	49	95	150	210	210
Number of agreements implemented with stakeholders per year	Statutory projects		-1	5	13	18	24	30	35

1. No historical data available.

Entity overview

The Council for Geoscience was established in terms of the Geoscience Act (1993) to promote the search for and exploitation of any mineral in South Africa, and is listed as a schedule 3A public entity in terms of the Public Finance Management Act (1999). It is mandated to generate, compile, curate and publish world-class geoscience knowledge products, provide geoscience-related services to the South African public and industry, and render advisory services for geohazards and geo-environmental pollution.

Over the medium term, the council will focus on geological mapping for exploration and mining, specifically on the thematic gathering, processing and provision of high-quality geoscientific data and information to stimulate exploration in South Africa. This information can be used to assess the environmental impact of mining activities and shale gas development. The council also plans to increase its technology capacity for efficient data acquisition, processing and interpretation to increase the coverage of its detailed geoscientific mapping capabilities.

To enable these activities, R70 million in 2020/21, R128 million in 2021/22 and R147.8 million in 2022/23 is earmarked for the implementation of the geoscience mapping programme, migration to an integrated digitisation programme, the procurement of geoscientific equipment and infrastructure, and research and analysis. Total expenditure is expected to amount to R1.5 billion over the medium term, with expenditure on compensation of employees accounting for an estimated 63.6 per cent of this amount as the entity requires highly specialised skills to fulfil its mandate.

Transfers from the department are expected to account for 93.1 per cent (R1.3 billion) of the council's total revenue over the medium term. Revenue of R99.4 million over the MTEF period is expected to be generated through the fees the council charges for geoscientific mapping and research services.

Programmes/Objectives/Activities

Table 34.29 Council for Geoscience 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 (%)
	2016/17	2017/18	2018/19	2019/20				2020/21	2021/22	2022/23		
R million												
Administration	219.8	225.1	231.0	242.5	3.3%	46.9%	231.0	192.2	208.7	-4.9%	41.8%	
Statutory projects	159.2	210.3	233.3	393.1	35.2%	48.1%	294.0	205.8	232.0	-16.1%	52.4%	
Foreign commercial	6.9	8.1	7.7	13.2	24.1%	1.8%	14.1	13.0	13.4	0.4%	2.6%	
Local commercial	15.0	21.4	12.8	13.4	-3.7%	3.3%	15.2	19.3	16.8	7.9%	3.2%	
Total	401.0	464.9	484.9	662.3	18.2%	100.0%	554.3	430.2	470.9	-10.7%	100.0%	

Statements of historical financial performance, cash flow and financial position**Table 34.30 Council for Geoscience statements of historical financial performance**

Statement of financial performance									
	Budget		Audited outcome		Budget		Audited outcome		Average: Outcome/Budget (%)
	2016/17	2017/18	2018/19	2019/20	Budget estimate	Revised estimate	2016/17 - 2019/20		
R million									
Revenue									
Non-tax revenue	63.0	82.9	40.8	76.0	27.9	57.5	69.3	30.5	122.9%
Sale of goods and services other than capital assets	44.4	27.7	22.4	46.8	24.6	29.4	66.0	27.3	83.3%
<i>of which:</i>									
<i>Sales by market establishment</i>	44.4	27.7	22.4	46.8	24.6	29.4	66.0	27.3	83.3%
Other non-tax revenue	18.6	55.2	18.4	29.2	3.3	28.1	3.2	3.2	265.6%
Transfers received	509.8	378.6	459.0	367.0	520.8	426.3	414.1	631.8	94.7%
Total revenue	572.9	461.5	499.9	443.0	548.7	483.8	483.3	662.3	97.4%
Expenses									
Current expenses	572.9	401.0	499.9	464.9	529.0	484.9	444.6	662.3	98.4%
Compensation of employees	227.5	222.3	226.8	255.9	244.9	294.6	309.0	309.0	107.3%
Goods and services	324.1	157.4	248.0	184.9	262.0	164.1	112.2	330.0	88.4%
Depreciation	21.2	21.2	25.1	24.0	22.1	26.2	23.3	23.3	103.3%
Interest, dividends and rent on land	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	101.8%
Total expenses	572.9	401.0	499.9	464.9	529.0	484.9	444.6	662.3	98.4%
Surplus/(Deficit)	-	60.6	-	(21.9)	19.7	(1.1)	38.8	-	

Statements of estimates of financial performance, cash flow and financial position**Table 34.31 Council for Geoscience statements of estimates financial performance**

Statement of financial performance								
	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
				2019/20	2016/17 - 2019/20	2020/21		
R million								
Revenue								
Non-tax revenue	30.5	-28.4%	12.9%	33.4	36.5	39.9	9.4%	6.9%
Sale of goods and services other than capital assets	27.3	-0.5%	6.7%	30.1	33.0	36.3	10.0%	6.2%
<i>Sales by market establishment</i>	27.3	-0.5%	6.7%	30.1	33.0	36.3	10.0%	6.2%
Other non-tax revenue	3.2	-61.2%	6.2%	3.3	3.4	3.6	3.8%	0.7%
Transfers received	631.8	18.6%	87.1%	520.9	393.8	431.0	-12.0%	93.1%
Total revenue	662.3	12.8%	100.0%	554.3	430.2	470.9	-10.7%	100.0%
Current expenses	662.3	18.2%	100.0%	554.3	430.2	470.9	-10.7%	100.0%
Compensation of employees	309.0	11.6%	54.5%	336.6	318.3	343.7	3.6%	63.6%
Goods and services	330.0	28.0%	40.7%	193.2	90.1	103.7	-32.0%	31.9%
Depreciation	23.3	3.2%	4.8%	24.5	21.8	23.5	0.3%	4.5%
Interest, dividends and rent on land	0.1	5.0%	0.0%	-	-	-	-100.0%	0.0%
Total expenses	662.3	18.2%	100.0%	554.3	430.2	470.9	-10.7%	100.0%
Surplus/(Deficit)	-			-	-	-		

Personnel information**Table 34.32 Council for Geoscience personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment															Number		
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)				
		2018/19		2019/20		2020/21		2021/22		2022/23		2019/20 - 2022/23							
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Council for Geoscience																			
Salary level	480	480	463	294.6	0.6	531	309.0	0.6	536	336.6	0.6	508	318.3	0.6	526	343.7	0.7	3.6%	100.0%
1-6	43	43	9.1	0.2	43	9.0	0.2	43	9.4	0.2	42	9.6	0.2	43	11.2	0.3	7.8%	8.1%	
7-10	314	314	310	136.2	0.4	375	164.1	0.4	380	183.0	0.5	353	148.1	0.4	370	162.8	0.4	-0.2%	70.3%
11-12	44	44	41	40.4	1.0	43	42.2	1.0	43	43.6	1.0	43	48.2	1.1	43	50.9	1.2	6.4%	8.2%
13-16	78	78	68	105.3	1.5	69	90.7	1.3	69	97.4	1.4	69	108.9	1.6	69	114.8	1.7	8.2%	13.1%
17-22	1	1	1	3.6	3.6	1	3.1	3.1	1	3.2	3.2	1	3.5	3.5	1	3.9	3.9	8.1%	0.2%

1. Rand million.

Mine Health and Safety Council

Selected performance indicators

Table 34.33 Mine Health and Safety Council performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of council programmes to promote and improve occupational health and safety awareness per year	Promote a culture of health and safety in the mining industry	Entity mandate	6	6	6	6	6	6	6
Number of occupational health and safety knowledge programmes to support staff per year	Research, programme promotion and programme improvement in mining		9	9	6	6	6	6	6
Number of training programmes undertaken to upskill and build capacity per year	Research, programme promotion and programme improvement in mining		5	5	5	5	5	5	5
Number of advice notes provided to the minister on occupational health and safety matters in the mining industry per year	Research, programme promotion and programme improvement in mining		9	9	6	6	6	6	6
Number of council programmes promoted in the mining industry per year	Research, programme promotion and programme improvement in mining		9	9	6	5	5	5	5

Entity overview

The Mine Health and Safety Council was established in terms of the Mine Health and Safety Act (1996), and is listed as a schedule 3A public entity in terms of the Public Finance Management Act (1999). It is mandated to advise the Minister of Mineral Resources and Energy on occupational health and safety at mines, develop legislation, conduct research, and liaise with other statutory bodies.

The council's key strategic focus over the medium term will be on improving the safety of mineworkers. It will continue to undertake research to provide solutions to occupational health and safety challenges, and review mining industry regulatory frameworks to ensure that no mineworker is harmed at work. Total expenditure is expected to amount to R419 million over the medium term, with goods and services, mainly for research activities, accounting for 52.7 per cent of this amount.

The council expects to generate 68.8 per cent (R301.4 million) of its revenue over the medium term through levies received from mining companies in accordance with the Mine Health and Safety Act (1996). Transfers from the department account for an estimated 2.6 per cent (R10 million) of total revenue over the period ahead.

Programmes/Objectives/Activities

Table 34.34 Mine Health and Safety 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 (%)
	2016/17	2017/18	2018/19	2019/20				2020/21	2021/22	2022/23		
Administration	5.7	22.2	28.0	18.3	47.2%	15.3%	30.5	30.7	40.1	30.0%	21.5%	
Promote a health and safety culture in the mining industry	27.7	38.2	36.2	53.0	24.1%	31.1%	51.8	50.8	55.0	1.2%	38.3%	
Research, programme promotion and programme improvement in mining	109.5	52.7	53.1	60.4	-18.0%	53.6%	51.5	50.6	57.8	-1.5%	40.1%	
Total	142.9	113.1	117.3	131.7	-2.7%	100.0%	133.9	132.2	152.9	5.1%	100.0%	

Statements of historical financial performance, cash flow and financial position**Table 34.35 Mine Health and Safety Council statements of historical financial performance**

Statement of financial performance									
	Budget		Audited outcome		Budget		Audited outcome		Average: Outcome/Budget (%)
	2016/17		2017/18		2018/19		2019/20		
R million									
Revenue									
Non-tax revenue	83.6	91.6	83.0	95.2	120.1	89.8	127.5	127.3	97.5%
Sale of goods and services other than capital assets	75.1	74.9	75.1	78.9	78.9	78.9	78.9	78.9	101.2%
<i>of which:</i>									
<i>Sales by market establishment</i>	75.1	74.9	75.1	78.9	78.9	78.9	78.9	78.9	101.2%
Other non-tax revenue	8.5	16.7	7.9	16.3	41.2	10.9	48.6	48.4	86.9%
Transfers received	–	–	6.1	6.2	4.8	4.8	4.4	4.4	100.2%
Total revenue	83.6	91.6	89.1	101.3	124.9	94.6	131.9	131.7	97.6%
Expenses									
Current expenses	142.9	142.9	165.8	113.1	124.9	117.3	131.9	131.7	89.3%
Compensation of employees	35.0	35.0	37.8	38.8	44.2	48.0	46.9	46.7	102.8%
Goods and services	103.7	103.7	123.5	69.6	75.2	64.2	79.2	79.2	83.0%
Depreciation	4.2	4.2	4.5	4.6	5.4	5.1	5.7	5.7	98.7%
Total expenses	142.9	142.9	165.8	113.1	124.9	117.3	131.9	131.7	89.3%
Surplus/(Deficit)	(59.3)	(51.4)	(76.7)	(11.8)	–	(22.6)	–	–	

Statements of estimates of financial performance, cash flow and financial position**Table 34.36 Mine Health and Safety Council statements of estimates financial performance**

Statement of financial performance								
	Revised estimate	Average growth rate (%)	Average: Expenditure/Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/Total (%)
				2019/20	2020/21	2021/22		
R million								
Revenue								
Non-tax revenue	127.3	11.6%	96.4%	133.5	127.4	148.0	5.1%	97.4%
Sale of goods and services other than capital assets	78.9	1.7%	75.7%	97.2	102.1	122.2	15.7%	72.4%
<i>Administrative fees</i>	–	–	–	6.5	6.8	6.7	–	3.6%
<i>Sales by market establishment</i>	78.9	1.7%	75.7%	90.7	95.2	115.5	13.6%	68.8%
Other non-tax revenue	48.4	42.6%	20.7%	36.3	25.3	25.8	-19.0%	25.0%
Transfers received	4.4	–	3.6%	0.3	4.8	5.0	4.3%	2.6%
Total revenue	131.7	12.9%	100.0%	133.9	132.2	152.9	5.1%	100.0%
Current expenses	131.7	-2.7%	100.0%	133.9	132.2	152.9	5.1%	100.0%
Compensation of employees	46.7	10.1%	33.8%	58.9	62.1	65.2	11.7%	42.3%
Goods and services	79.2	-8.6%	62.3%	68.9	63.8	77.6	-0.7%	52.7%
Depreciation	5.7	10.7%	3.9%	6.0	6.3	10.1	20.9%	5.1%
Total expenses	131.7	-2.7%	100.0%	133.9	132.2	152.9	5.1%	100.0%
Surplus/(Deficit)	–			–	–	–		

Personnel information**Table 34.37 Mine Health and Safety Council personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment												Number					
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)				
		2018/19			2019/20			2020/21		2021/22		2022/23				2019/20 - 2022/23			
Mine Health and Safety Council		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost		Unit cost		
Salary level	74	74	73	48.0	0.7	74	46.7	0.6	82	58.9	0.7	82	62.1	0.8	82	65.2	0.8	11.7%	100.0%
1 – 6	18	18	17	2.7	0.2	18	2.8	0.2	24	4.2	0.2	24	4.5	0.2	24	4.7	0.2	19.6%	28.0%
7 – 10	30	30	30	15.6	0.5	30	15.6	0.5	31	19.6	0.6	31	20.7	0.7	31	21.8	0.7	11.7%	38.5%
11 – 12	12	12	12	9.9	0.8	12	9.6	0.8	13	13.3	1.0	13	14.0	1.1	13	14.7	1.1	15.0%	15.9%
13 – 16	13	13	13	16.9	1.3	13	16.1	1.2	13	18.6	1.4	13	19.6	1.5	13	20.5	1.6	8.5%	16.3%
17 – 22	1	1	1	2.9	2.9	1	2.7	2.7	1	3.2	3.2	1	3.3	3.3	1	3.5	3.5	9.7%	1.3%

1. Rand million.

Mintek

Selected performance indicators

Table 34.38 Mintek performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of discoveries in terms of the Intellectual Property Rights from Publicly Financed Research and Development Act (2008) per year	Enhance visibility and credibility to all stakeholders	Entity mandate	16	15	16	18	19	19	19
Number of new technologies developed through state grant funding evidenced through number of internal reports per year	Research and develop efficient mineral processing technologies and value-added products and services		128	148	109	72	72	72	72
Number of new technologies developed through state grant funding per year	Research and develop efficient mineral processing technologies and value-added products and services		5	6	5	4	4	4	4
Number of prototypes developed for commercial products per year	Research and develop efficient mineral processing technologies and value-added products and services		2	6	3	2	2	2	2
Number of technologies adapted or developed, relevant to small-scale operators, for transfer to rural and marginalised communities per year	Promote the mineral-based economies of rural and marginalised communities		2	2	2	2	2	2	2
Number of people trained in value-added beneficiation training relevant to rural and marginalised communities per year	Promote the mineral-based economies of rural and marginalised communities		312	100	130	140	140	140	140
Number of external reports on water-efficient processes and flow sheets to optimise water consumption and enable the processing of ore bodies in water-stricken areas per year	Research and develop efficient mineral processing technologies and value-added products and services		7	6	6	5	5	5	5

Entity overview

Mintek's mandate, as set out in the Mineral Technology Act (1989), is to maximise the value derived from South Africa's mineral resources through, among other things, research and development, technology transfer, and the creation of an enabling environment for the establishment and expansion of mineral industries. To this end, Mintek develops appropriate, innovative technology for transfer to industry, and provides industry with test work, consultancy, analytical and mineralogical services. Mintek is listed as a schedule 3B public entity in terms of the Public Finance Management Act (1999).

Over the medium term, Mintek will focus on innovation and research, particularly beneficiation and the revival and development of industries such as ferroalloys, hydrogen-powered fuel cells, energy storage and titanium beneficiation. As a result, expenditure is expected to increase from R571.7 million in 2019/20 to R606.7 million in 2022/23 at an average annual rate of 2 per cent. As Mintek is reliant on personnel with highly specialised skills, an estimated 51.6 per cent (R900.7 million) of total expenditure over the medium term is earmarked for compensation of employees.

Total revenue over the medium term is estimated to be R1.8 billion. The entity is expected to receive 60.3 per cent of this amount through transfers from the department and 33.6 per cent through commercial activities. Commercial revenue is projected to continue to decrease due to difficult economic conditions in the mining industry, both locally and abroad. To combat this, Mintek will continue to market its products and services through client visits and active participation at conferences.

Programmes/Objectives/Activities

Table 34.39 Mintek 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
Administration	23.7	26.6	27.8	28.6	6.5%	5.0%	28.1	29.4	30.3	2.0%	5.0%
Enhance visibility and credibility to all stakeholders	23.7	26.6	27.8	28.6	6.5%	5.0%	28.1	29.4	30.3	2.0%	5.0%
Research and develop efficient mineral processing technologies and value added products and services	236.6	266.4	278.3	285.8	6.5%	50.0%	281.2	293.9	303.4	2.0%	50.0%
Promote the mineral based economies of rural and marginalised communities	71.0	79.9	83.5	85.8	6.5%	15.0%	84.4	88.2	91.0	2.0%	15.0%
Uphold good governance practices	47.3	53.3	55.7	57.2	6.5%	10.0%	56.2	58.8	60.7	2.0%	10.0%
Develop human capital and organisational skills to build world class R&D excellence	71.0	79.9	83.5	85.8	6.5%	15.0%	84.4	88.2	91.0	2.0%	15.0%
Total	473.3	532.9	556.6	571.7	6.5%	100.0%	562.5	587.9	606.7	2.0%	100.0%

Statements of historical financial performance, cash flow and financial position

Table 34.40 Mintek statements of historical financial performance

Statement of financial performance	Audited outcome		Audited outcome		Audited outcome		Revised estimate		Average: Outcome/ Budget (%)
	Budget	Audited outcome	Budget	Audited outcome	Budget	Audited outcome	Budget estimate	Revised estimate	
R million	2016/17		2017/18		2018/19		2019/20		2016/17 - 2019/20
Revenue									
Non-tax revenue	249.2	194.7	248.0	206.7	243.2	205.7	233.4	239.8	87.0%
Sale of goods and services other than capital assets	222.2	156.6	211.4	170.9	207.1	169.0	196.5	204.7	83.8%
<i>of which:</i>									
<i>Sales by market establishment</i>	222.2	156.6	211.4	170.9	207.1	169.0	196.5	204.7	83.8%
Other non-tax revenue	27.0	38.1	36.6	35.8	36.1	36.7	36.9	35.1	106.6%
Transfers received	288.1	284.6	291.5	320.3	318.8	356.3	344.0	337.6	104.5%
Total revenue	537.3	479.3	539.5	527.0	562.0	562.0	577.4	577.4	96.8%
Expenses									
Current expenses	526.0	473.3	533.0	532.9	553.5	556.6	571.7	571.7	97.7%
Compensation of employees	335.4	279.9	311.7	289.3	316.6	286.0	313.3	300.3	90.5%
Goods and services	172.9	181.2	204.2	199.8	220.3	228.6	241.7	251.2	102.6%
Depreciation	15.5	8.6	15.1	42.6	14.6	42.1	14.7	18.2	186.0%
Interest, dividends and rent on land	2.3	3.6	2.0	1.1	2.0	(0.0)	2.0	2.0	80.6%
Total expenses	526.0	473.3	533.0	532.9	553.5	556.6	571.7	571.7	97.7%
Surplus/(Deficit)	11.3	6.0	6.5	(5.9)	8.5	5.4	5.7	5.7	

Statements of estimates of financial performance, cash flow and financial position

Table 34.41 Mintek statements of estimates financial performance

Statement of financial performance	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
				2019/20	2016/17 - 2019/20	2020/21		
R million								
Revenue								
Non-tax revenue	239.8	7.2%	39.5%	226.4	230.9	235.5	-0.6%	39.7%
Sale of goods and services other than capital assets	204.7	9.3%	32.7%	190.6	194.4	198.3	-1.1%	33.6%
<i>Sales by market establishment</i>	204.7	9.3%	32.7%	190.6	194.4	198.3	-1.1%	33.6%
Other non-tax revenue	35.1	-2.7%	6.8%	35.8	36.5	37.2	2.0%	6.2%
Transfers received	337.6	5.9%	60.5%	342.0	361.1	374.9	3.6%	60.3%
Total revenue	577.4	6.4%	100.0%	568.4	592.0	610.4	1.9%	100.0%
Current expenses	571.7	6.5%	100.0%	562.5	587.9	606.7	2.0%	100.0%
Compensation of employees	300.3	2.4%	54.3%	294.3	300.2	306.2	0.6%	51.6%
Goods and services	251.2	11.5%	40.2%	247.8	267.2	279.8	3.7%	44.9%
Depreciation	18.2	28.3%	5.1%	18.3	18.5	18.7	1.0%	3.2%
Interest, dividends and rent on land	2.0	-17.8%	0.3%	2.0	2.0	2.0	-	0.3%
Total expenses	571.7	6.5%	100.0%	562.5	587.9	606.7	2.0%	100.0%
Surplus/(Deficit)	5.7			5.9	4.1	3.7		

Personnel information**Table 34.42 Mintek personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment												Number					
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)				
		2018/19		Unit cost	2019/20		Unit cost	2020/21		Unit cost	2021/22		Unit cost			2022/23		Unit cost	
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	2019/20 - 2022/23		
Mintek																			
Salary level	724	724	724	286.0	0.4	632	300.3	0.5	632	294.3	0.5	632	300.2	0.5	632	306.2	0.5	0.6%	100.0%
1 – 6	205	205	205	24.6	0.1	193	28.2	0.1	198	29.7	0.1	198	30.2	0.2	198	30.8	0.2	3.0%	31.1%
7 – 10	404	404	404	146.4	0.4	336	149.5	0.4	334	149.3	0.4	334	152.3	0.5	334	155.3	0.5	1.3%	52.9%
11 – 12	63	63	63	45.3	0.7	53	45.1	0.9	53	45.5	0.9	53	46.4	0.9	53	47.4	0.9	1.6%	8.4%
13 – 16	51	51	51	68.8	1.3	49	74.0	1.5	46	66.2	1.4	46	67.5	1.5	46	68.9	1.5	-2.4%	7.4%
17 – 22	1	1	1	0.9	0.9	1	3.5	3.5	1	3.6	3.6	1	3.7	3.7	1	3.8	3.8	2.3%	0.2%

1. Rand million.

National Energy Regulator of South Africa**Selected performance indicators****Table 34.43 National Energy Regulator of South Africa performance indicators by programme/objective/activity and related priority**

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Percentage of licence applications considered by the relevant subcommittee per year within 120 days after the period of objections expired and no objections were received	Electricity	Priority 1: Economic transformation and job creation	100% (18)	100% (34)	100% (78/79)	100%	100%	100%	100%
Percentage of applications for registration considered by the relevant subcommittee per year within 120 days of receipt of all required information	Electricity		–1	–1	–1	100%	100%	100%	100%
Number of consolidated audit reports on the state of compliance of licencees with licence conditions considered by the relevant subcommittee per year	Electricity		3	1	3	3	3	3	3
Percentage of licence applications considered per year within 60 days from the date of close of public comment or the receipt of applicants' responses to objections	Piped gas	Entity mandate	100% (2)	100% (5)	100% (14)	100%	100%	100%	100%
Percentage of registration applications for gas activities processed and considered by the relevant subcommittee per year within 60 days of the date of close of public comment	Piped gas		100% (3)	100% (13)	100% (3)	100%	100%	100%	100%
Percentage of maximum price applications considered within 120 days of the date of publication of preliminary assessment of maximum price application	Piped gas		100% (6)	100% (8)	100% (4)	100%	100%	100%	100%
Percentage of licence applications per year considered within the statutory deadline of 60 days	Petroleum pipelines		100% (18)	100% (8)	100% (8)	100%	100%	100%	100%

1. No historical data available.

Entity overview

The National Energy Regulator of South Africa was established in 2005 in terms of the National Energy Regulator Act (2004) and is listed as a schedule 3A public entity in terms of the Public Finance Management Act (1999). The entity is mandated to regulate: the electricity industry in terms of the Electricity Regulation Act (2006), the piped gas industry in terms of the Gas Act (2001), and the petroleum pipelines industry in terms of the Petroleum Pipelines Act (2003).

Over the medium term, the regulator will focus on ensuring the security, accessibility and affordability of energy supply, and fair competition and regulatory certainty in the energy sector. It will continue to do this

by setting and approving energy tariffs, licensing and registering energy service providers, and monitoring and enforcing compliance with regulations. To meet these objectives, expenditure is expected to increase from R363.4 million in 2019/20 to R398.7 million in 2022/23 at an average annual rate of 3.1 per cent. As the regulator's work requires personnel with scarce and specialised skills, expenditure on compensation of employees accounts for an estimated 72.1 per cent (R849 million) of total spending over the medium term.

The regulator generates its revenue mainly through imposing prescribed licence fees and levies on the electricity, piped gas and petroleum pipeline industries to recover the costs involved in administering and regulating these industries, and through interest earned on investments. Total revenue over the medium term is expected to amount to R1.2 billion.

Programmes/Objectives/Activities

Table 34.44 National Energy Regulator of South Africa 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
Administration	165.5	168.7	170.2	200.1	6.5%	57.7%	205.9	214.9	210.1	1.6%	54.4%
Electricity	60.1	72.8	85.5	91.9	15.2%	25.2%	97.2	101.8	107.3	5.3%	26.0%
Piped gas	24.3	25.3	32.5	39.5	17.6%	9.8%	39.2	43.9	46.1	5.3%	11.0%
Petroleum pipelines	21.3	18.3	18.5	31.8	14.2%	7.3%	31.4	33.4	35.1	3.4%	8.6%
Total	271.2	285.1	306.6	363.4	10.2%	100.0%	373.7	393.9	398.7	3.1%	100.0%

Statements of historical financial performance, cash flow and financial position

Table 34.45 National Energy Regulator of South Africa statements of historical financial performance

Statement of financial performance									
R million	Budget		Audited outcome		Budget		Audited outcome		Average: Outcome/ Budget (%)
	2016/17	2017/18	2017/18	2018/19	2018/19	2019/20	2019/20		
Revenue									
Non-tax revenue	296.5	288.7	308.6	316.7	343.5	346.8	356.5	356.5	100.3%
Sale of goods and services other than capital assets	288.9	276.2	302.5	302.6	332.2	326.4	347.4	347.4	98.5%
<i>of which:</i>									
Administrative fees	288.9	276.2	–	302.6	–	326.4	–	347.4	433.5%
Sales by market establishment	–	–	302.5	–	332.2	–	347.4	–	–
Other sales	–	–	–	–	–	0.0	–	–	–
Other non-tax revenue	7.6	12.5	6.1	14.1	11.3	20.5	9.1	9.1	164.8%
Total revenue	296.5	288.7	308.6	316.7	343.5	346.8	356.5	356.5	100.3%
Expenses									
Current expenses	295.4	271.2	305.8	285.1	341.7	306.6	363.4	363.4	93.9%
Compensation of employees	189.5	179.7	210.6	195.9	242.5	213.6	254.4	254.4	94.0%
Goods and services	96.7	87.1	95.2	83.8	99.2	85.4	109.0	109.0	91.3%
Depreciation	9.2	4.5	–	5.3	–	7.6	–	–	189.6%
Total expenses	295.4	271.2	305.8	285.1	341.7	306.6	363.4	363.4	93.9%
Surplus/(Deficit)	1.1	17.5	2.8	31.7	1.8	40.2	(6.9)	(6.9)	

Statements of estimates of financial performance, cash flow and financial position

Table 34.46 National Energy Regulator of South Africa statements of estimates financial performance

Statement of financial performance								
R million	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
				2019/20	2020/21	2021/22		
Revenue								
Non-tax revenue	356.5	7.3%	100.0%	362.5	393.9	398.7	3.8%	100.0%
Sale of goods and services other than capital assets	347.4	7.9%	95.7%	356.5	389.1	394.8	4.4%	98.4%
Administrative fees	347.4	7.9%	95.7%	356.5	389.1	394.8	4.4%	98.4%
Other sales	–	–	0.0%	0.0	0.0	0.0	–	0.0%
Other non-tax revenue	9.1	-10.1%	4.3%	5.9	4.8	3.8	-25.0%	1.6%
Total revenue	356.5	7.3%	100.0%	362.5	393.9	398.7	3.8%	100.0%
Current expenses	363.4	10.2%	100.0%	373.7	393.9	398.7	3.1%	100.0%
Compensation of employees	254.4	12.3%	68.7%	265.7	283.5	299.7	5.6%	72.1%
Goods and services	109.0	7.7%	29.8%	108.0	110.3	98.9	-3.2%	27.9%
Total expenses	363.4	10.2%	100.0%	373.7	393.9	398.7	3.1%	100.0%
Surplus/(Deficit)	(6.9)			(11.2)	–	–		

Personnel information

Table 34.47 National Energy Regulator of South Africa personnel numbers and cost by salary level

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment											Number						
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)				
		2018/19		Unit cost	2019/20		Unit cost	2020/21		Unit cost	2021/22		Unit cost			2022/23		Unit cost	
National Energy Regulator of South Africa		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	2019/20 - 2022/23		
Salary level	256	256	226	213.6	0.9	256	254.4	1.0	256	265.7	1.0	256	283.5	1.1	256	299.7	1.2	5.6%	100.0%
1 – 6	–	–	–	1.2	–	–	2.9	–	–	3.2	–	–	3.6	–	–	3.9	–	10.0%	–
7 – 10	110	110	103	57.3	0.6	110	63.4	0.6	108	65.3	0.6	108	69.7	0.6	108	73.8	0.7	5.2%	42.4%
11 – 12	92	92	87	91.3	1.0	92	93.9	1.0	93	98.9	1.1	93	105.6	1.1	93	111.6	1.2	5.9%	36.2%
13 – 16	50	50	33	51.4	1.6	50	78.2	1.6	51	81.6	1.6	51	87.1	1.7	51	92.1	1.8	5.6%	19.8%
17 – 22	4	4	3	12.4	4.1	4	16.0	4.0	4	16.8	4.2	4	17.6	4.4	4	18.4	4.6	4.8%	1.6%

1. Rand million.

National Nuclear Regulator

Selected performance indicators

Table 34.48 National Nuclear Regulator performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of conditions for the Nuclear Energy Corporation of South Africa's authorisations reviewed per year	Nuclear technology and naturally occurring radioactive material	Entity mandate	– ¹	– ¹	– ¹	12	12	12	12
Number of decommissioning plans for nuclear technology and waste projects and financial provisions reviewed per year	Nuclear technology and naturally occurring radioactive material		– ¹	– ¹	– ¹	18	18	18	18
Number of inspector training modules developed with other institutions per year	Regulatory improvement and technical services		– ¹	– ¹	– ¹	2	2	2	2
Number of research and development projects initiated and managed per year	Regulatory improvement and technical services		– ¹	– ¹	– ¹	2	2	2	2

1. No historical data available.

Entity overview

The National Nuclear Regulator is listed as a schedule 3A public entity in terms of the Public Finance Management Act (1999). It derives its mandate from the National Nuclear Regulator Act (1999), which requires it to regulate safety standards for nuclear activities in South Africa.

In addition to its ongoing regulatory activities such as conducting inspections, investigations, surveillances, environmental monitoring and sampling related to nuclear technology facilities, over the medium term, the regulator will focus on regulatory requirements to extend the life of the Koeberg nuclear power station. As a result, total expenditure is projected to increase from R266.8 million in 2019/20 to R318.4 million in 2022/23 at an average annual rate of 6.1 per cent. As the regulator relies on personnel with highly specialised skills to fulfil its mandate, expenditure on compensation of employees is expected to comprise 60.8 per cent (R550.4 million) of total spending over the medium term.

The regulator is set to generate 79.9 per cent (R743.2 million) of its revenue over the medium term through authorisation fees and derive 15.8 per cent (R143.2 million) through transfers from the department. Total revenue is expected to increase in line with total expenditure at an average annual rate of 6.1 per cent.

Programmes/Objectives/Activities**Table 34.49 National Nuclear Regulator 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 (%)
	2016/17	2017/18	2018/19				2019/20	2016/17 - 2019/20	2020/21		
Administration	94.7	111.5	107.7	103.0	2.8%	45.0%	114.8	120.7	126.6	7.1%	39.4%
Nuclear Power Plants (NPP)	68.4	96.0	54.1	53.1	-8.1%	29.7%	57.2	60.0	62.9	5.8%	19.8%
Nuclear Technology & NORM (NTN)	26.3	28.4	37.6	49.0	23.1%	14.9%	52.2	54.8	57.5	5.4%	18.1%
Regulatory Improvement & Technical Services (RITS)	-	-	44.4	61.7	-	10.3%	65.0	68.3	71.5	5.1%	22.6%
Total	189.4	235.9	243.8	266.8	12.1%	100.0%	289.2	303.8	318.4	6.1%	100.0%

Statements of historical financial performance, cash flow and financial position**Table 34.50 National Nuclear Regulator statements of historical financial performance**

Statement of financial performance									
R million	Audited outcome		Audited outcome		Audited outcome		Revised estimate		Average: Outcome/ Budget (%)
	Budget	2016/17	Budget	2017/18	Budget	2018/19	Budget estimate	2019/20	
Revenue									
Non-tax revenue		174.5		183.6		198.1		212.2	107.0%
Sale of goods and services other than capital assets		156.7		161.8		170.8		172.5	102.8%
<i>of which:</i>									
<i>Administrative fees</i>		156.7		161.8		170.8		172.5	102.8%
Other non-tax revenue		17.9		21.8		27.4		39.6	142.8%
Transfers received		40.9		40.9		38.6		38.6	100.0%
Total revenue		215.5		224.5		236.7		250.7	105.9%
Expenses									
Current expenses		215.5		189.4		236.7		235.9	101.9%
Compensation of employees		118.4		124.3		138.2		136.2	104.9%
Goods and services		80.4		48.9		84.7		84.5	96.8%
Depreciation		11.9		10.5		9.8		10.4	95.8%
Interest, dividends and rent on land		4.8		5.7		4.1		4.8	111.5%
Total expenses		215.5		189.4		236.7		235.9	101.9%
Surplus/(Deficit)		-		35.1		-		14.8	

Statements of estimates of financial performance, cash flow and financial position**Table 34.51 National Nuclear Regulator statements of estimates financial performance**

Statement of financial performance												
R million	Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/ Total (%)				
				2019/20	2016/17 - 2019/20	2020/21			2021/22	2022/23	2019/20 - 2022/23	
Revenue												
Non-tax revenue		223.7		6.8%		85.8%		243.7	255.9	268.7	6.3%	84.2%
Sale of goods and services other than capital assets		199.9		7.3%		73.8%		235.7	247.5	259.9	9.1%	79.9%
<i>Administrative fees</i>		199.9		7.3%		73.8%		235.7	247.5	259.9	9.1%	79.9%
Other non-tax revenue		23.7		2.9%		11.9%		7.9	8.3	8.8	-28.3%	4.3%
Transfers received		43.1		1.7%		14.2%		45.5	48.0	49.8	4.9%	15.8%
Total revenue		266.8		5.9%		100.0%		289.2	303.8	318.4	6.1%	100.0%
Current expenses		266.8		12.1%		100.0%		289.2	303.8	318.4	6.1%	100.0%
Compensation of employees		165.6		10.0%		61.8%		174.7	183.5	192.3	5.1%	60.8%
Goods and services		87.8		21.6%		31.7%		99.1	104.3	109.3	7.6%	33.9%
Depreciation		9.5		-3.4%		4.5%		11.8	12.4	13.0	11.3%	4.0%
Interest, dividends and rent on land		3.9		-11.8%		2.0%		3.5	3.7	3.9	-0.3%	1.3%
Total expenses		266.8		12.1%		100.0%		289.2	303.8	318.4	6.1%	100.0%
Surplus/(Deficit)		-						-	-	-		

Personnel information

Table 34.52 National Nuclear Regulator personnel numbers and cost by salary level

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment											Number						
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)				
		2018/19		2019/20		2020/21		2021/22		2022/23		2019/20 - 2022/23							
National Nuclear Regulator		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
Salary level	187	187	170	150.4	0.9	187	165.6	0.9	190	174.7	0.9	190	183.5	1.0	191	192.3	1.0	5.1%	100.0%
1 – 6	17	17	19	2.8	0.1	17	1.9	0.1	17	2.0	0.1	17	2.1	0.1	17	2.2	0.1	5.1%	9.0%
7 – 10	51	51	47	22.7	0.5	51	25.5	0.5	52	26.9	0.5	52	28.2	0.5	53	29.6	0.6	5.1%	27.4%
11 – 12	69	69	59	52.9	0.9	69	60.7	0.9	69	64.1	0.9	69	67.3	1.0	69	70.5	1.0	5.1%	36.4%
13 – 16	49	49	44	68.9	1.6	49	74.3	1.5	51	78.4	1.5	51	82.3	1.6	51	86.2	1.7	5.1%	26.6%
17 – 22	1	1	1	3.1	3.1	1	3.3	3.3	1	3.5	3.5	1	3.6	3.6	1	3.8	3.8	5.1%	0.5%

1. Rand million.

National Radioactive Waste Disposal Institute

Selected performance indicators

Table 34.53 National Radioactive Waste Disposal Institute performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of safety forum meetings conducted per year	Radwaste operations	Entity mandate	- ¹	4	4	4	4	4	4
Percentage of compliance with the safety, health and environment quality audit per year	Radwaste operations		- ¹	94% (9.4/10)	88% (8/10)	100%	100%	100%	100%
Number of International Organisation for Standardisation certifications maintained per year	Radwaste operations		- ¹	2	2	2	2	2	2
Number of scientific and technical reports completed for the development and maintenance of safety cases per year	Radwaste, technology and siting		- ¹	- ¹	1	1	1	1	1
Percentage of quality management system checks completed per year	Radwaste compliance management		- ¹	75% (7.5/10)	100% (10)	100%	100%	100%	100%

1. No historical data available.

Entity overview

The National Radioactive Waste Disposal Institute was established in terms of the National Radioactive Waste Disposal Institute Act (2008) to manage the disposal of radioactive waste at the national level, and is listed as a schedule 3A public entity in terms of the Public Finance Management Act (1999). The institute is responsible for the long-term care and disposal of radioactive waste in a safe, technically sound, socially acceptable, environmentally responsible and economically feasible manner.

Over the medium term, the institute will focus on finalising the transfer of the Vaalputs low-level waste disposal function from the South African Nuclear Energy Cooperation and the transfer of the nuclear installation licence from the National Nuclear Regulator. This will allow the institute to become the licence holder and thereby generate its own revenue by providing waste disposal and related services to waste generators.

At present, the institute derives its revenue only through transfers from the department, which are expected to amount to R154.4 million over the medium term. Total expenditure is expected to increase from R49 million in 2019/20 to R56.1 million in 2022/23 at an average annual rate of 5 per cent.

Programmes/Objectives/Activities**Table 34.54 The National Radioactive Waste Disposal Institute expenditure trends and estimates by programme/objective/activity**

R million	Audited outcome			Revised estimate 2019/20	Average growth rate (%) 2016/17 - 2019/20	Average Expenditure/Total (%) 2019/20	Medium-term expenditure estimate			Average growth rate (%) 2019/20 - 2022/23	Average Expenditure/Total (%) 2019/20 - 2022/23
	2016/17	2017/18	2018/19				2020/21	2021/22	2022/23		
Administration	24.9	19.5	22.3	30.9	7.4%	72.0%	33.7	35.4	37.3	6.5%	65.0%
Radwaste Operations	–	3.1	3.6	4.6	–	7.3%	4.1	4.2	4.4	-2.0%	8.2%
Radwaste, Technology and Siting	–	4.0	4.5	4.9	–	8.9%	5.1	5.3	5.6	4.2%	9.9%
Radwaste Compliance Management	–	3.7	6.4	8.6	–	11.8%	8.6	9.0	9.5	3.3%	16.9%
Total	24.9	30.3	36.8	49.0	25.3%	100.0%	51.5	53.9	56.7	5.0%	100.0%

Statements of historical financial performance, cash flow and financial position**Table 34.55 The National Radioactive Waste Disposal Institute statements of historical financial performance**

Statement of financial performance									
R million	Budget	Audited outcome	Budget	Audited outcome	Budget	Audited outcome	Budget estimate	Revised estimate	Average: Outcome/Budget (%)
	2016/17	2017/18	2017/18	2018/19	2018/19	2019/20	2019/20	2019/20 - 2019/20	
Revenue									
Non-tax revenue	–	5.5	–	1.2	1.4	1.9	1.5	1.5	345.7%
<i>of which:</i>									
Other non-tax revenue	–	5.5	–	1.2	1.4	1.9	1.5	1.5	345.7%
Transfers received	–	10.0	–	30.0	45.5	45.5	47.5	47.5	143.0%
Total revenue	–	15.5	–	31.2	46.9	47.4	49.0	49.0	149.2%
Expenses									
Current expenses	–	24.9	2.9	30.3	46.9	36.8	49.0	49.0	142.6%
Compensation of employees	–	15.5	2.8	26.2	35.1	31.1	40.2	40.2	144.5%
Goods and services	–	9.4	0.1	3.9	11.5	5.2	8.4	8.4	134.4%
Depreciation	–	0.1	–	0.3	0.3	0.5	0.4	0.4	168.7%
Total expenses	–	24.9	2.9	30.3	46.9	36.8	49.0	49.0	142.6%
Surplus/(Deficit)	–	(9.4)	(2.9)	0.9	–	10.6	–	–	

Statements of estimates of financial performance, cash flow and financial position**Table 34.56 The National Radioactive Waste Disposal Institute statements of estimates financial performance**

Statement of financial performance									
R million	Revised estimate	Average growth rate (%)	Average Expenditure/Total (%)	Medium-term estimate			Average growth rate (%)	Average Expenditure/Total (%)	
	2019/20	2016/17 - 2019/20	2019/20	2020/21	2021/22	2022/23	2019/20 - 2022/23	2019/20 - 2022/23	
Revenue									
Non-tax revenue	1.5	-34.9%	11.7%	2.1	2.4	2.7	20.4%	4.1%	
Other non-tax revenue	1.5	-34.9%	11.7%	2.1	2.4	2.7	20.4%	4.1%	
Transfers received	47.5	68.1%	88.3%	49.4	51.6	54.0	4.4%	95.9%	
Total revenue	49.0	46.7%	100.0%	51.5	53.9	56.7	5.0%	100.0%	
Current expenses	49.0	25.3%	100.0%	51.5	53.9	56.7	5.0%	100.0%	
Compensation of employees	40.2	37.5%	78.7%	42.2	44.3	46.5	5.0%	82.0%	
Goods and services	8.4	-3.5%	20.4%	8.9	9.2	9.7	4.7%	17.1%	
Depreciation	0.4	74.0%	0.8%	0.4	0.5	0.5	3.9%	0.8%	
Total expenses	49.0	25.3%	100.0%	51.5	53.9	56.7	5.0%	100.0%	
Surplus/(Deficit)	–			–	–	–			

Personnel information**Table 34.57 The National Radioactive Waste Disposal Institute personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment														Number			
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average Salary level/Total (%)				
		2018/19	Unit cost	2019/20	2020/21	2021/22	2022/23	2019/20 - 2022/23											
The National Radioactive Waste Disposal Institute		31	31.1	1.0	36	40.2	1.1	36	42.2	1.2	36	44.3	1.2	36	46.5	1.3	5.0%	100.0%	
Salary level	36	36																	
1 – 6	2	2	2	0.3	0.1	2	0.3	0.2	2	0.3	0.2	2	0.3	0.2	2	0.4	0.2	6.8%	5.6%
7 – 10	13	13	9	4.1	0.5	13	7.9	0.6	12	8.0	0.7	11	7.7	0.7	10	7.3	0.7	-2.6%	31.9%
11 – 12	2	2	2	1.8	0.9	2	1.9	0.9	2	2.0	1.0	3	2.9	1.0	3	2.7	0.9	13.3%	6.9%
13 – 16	18	18	18	24.9	1.4	18	27.4	1.5	19	29.0	1.5	19	30.4	1.6	19	30.4	1.6	3.5%	52.1%
17 – 22	1	1	–	–	–	1	2.6	2.6	1	2.9	2.9	1	3.0	3.0	2	5.7	2.8	29.3%	3.5%

1. Rand million.

South African Diamond and Precious Metals Regulator

Selected performance indicators

Table 34.58 South African Diamond and Precious Metals Regulator performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of strategic engagements conducted within the diamond and precious metals sector per year	Administration	Entity mandate	-1	-1	-1	-1	10	10	12
Number of companies owned by historically disadvantaged people accessing the Diamond Exchange and Export Centre per year	Diamond trade		-1	-1	-1	-1	8	10	12
Number of skill initiatives facilitated for the industry per year	Diamond trade		2	2	5	2	5	5	5
Number of enterprise development initiatives facilitated including women and youth per year	Regulatory compliance		-1	-1	-1	-1	5	5	5
Number of compliance inspections conducted per year	Regulatory compliance		-1	-1	-1	-1	1 644	1 660	1 700

1. No historical data available.

Entity overview

The South African Diamond and Precious Metals Regulator is a schedule 3A public entity in terms of the Public Finance Management Act (1999). The regulator was established in terms of section 3 of the Diamonds Act (1986) with a mandate to implement and enforce the provisions of the act, the Precious Metals Act (2005), the Diamond Export Levy (Administration) Act (2007), and the Diamond Export Levy Act (2007). Its core functions include facilitating the buying, selling, exporting and importing of diamonds through its Diamond Exchange and Export Centre. It also regulates the acquisition, possession, smelting, refining, beneficiation, use and disposal of precious metals.

Over the medium term, the regulator will focus on issuing licences, conducting diamond valuations, carrying out compliance inspections and audits, and facilitating tenders for rough and polished diamonds. Total expenditure is projected to increase from R117.9 million in 2019/20 to R129.7 million in 2022/23 at an average annual rate of 3.2 per cent. As the regulator is reliant on personnel to perform compliance inspection and audits in the diamond and precious metals industry, expenditure on compensation of employees accounts for an estimated 77.7 per cent (R293.9 million) of total spending over the medium term.

The regulator is set to derive 51.8 per cent (R200.4 million) of its revenue over the medium term through transfers from the department. It projects a decrease in revenue generated from the sale of services due to anticipated difficult economic conditions. In response, it plans to use its cash reserves to fund its operations and capital expenditure over the medium term, and consider reviewing its diamond evaluation fees to ensure that it remains self-sustainable.

Programmes/Objectives/Activities

Table 34.59 South African Diamond and Precious Metals Regulator 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 (%)
	2016/17	2017/18	2018/19	2019/20				2020/21	2021/22	2022/23		
R million												
Administration	62.4	60.9	64.6	74.8	6.2%	63.1%	75.3	77.3	78.8	1.7%	62.2%	
Diamond trade	12.8	14.5	13.8	17.4	10.7%	14.0%	16.0	17.0	18.2	1.4%	13.9%	
Regulatory compliance	21.6	23.4	24.6	25.6	5.9%	22.9%	28.9	30.6	32.7	8.5%	23.9%	
Total	96.8	98.8	103.0	117.9	6.8%	100.0%	120.2	124.8	129.7	3.2%	100.0%	

Statements of historical financial performance, cash flow and financial position**Table 34.60 South African Diamond and Precious Metals Regulator statements of historical financial performance**

Statement of financial performance									
	Budget	Audited outcome	Budget	Audited outcome	Budget	Audited outcome	Budget estimate	Revised estimate	Average: Outcome/Budget (%)
R million	2016/17		2017/18		2018/19		2019/20		2016/17 - 2019/20
Revenue									
Non-tax revenue	41.4	49.1	46.1	46.7	53.4	51.4	63.1	63.1	103.1%
Sale of goods and services other than capital assets	37.7	42.9	40.3	40.8	47.9	45.1	56.3	56.3	101.6%
<i>of which:</i>									
<i>Sales by market establishment</i>	37.7	42.9	40.3	40.8	47.9	45.1	56.3	56.3	101.6%
Other non-tax revenue	3.7	6.2	5.8	5.9	5.5	6.3	6.8	6.8	115.3%
Transfers received	53.2	54.0	55.9	59.2	62.4	62.4	61.5	61.5	101.8%
Total revenue	94.6	103.1	101.9	105.9	115.8	113.8	124.7	124.7	102.4%
Expenses									
Current expenses	93.2	96.7	98.6	98.8	112.7	103.0	118.7	117.9	98.4%
Compensation of employees	70.5	68.7	75.9	73.6	84.2	78.1	89.3	89.3	96.8%
Goods and services	19.9	25.2	20.4	23.5	27.6	23.3	27.9	27.0	103.5%
Depreciation	2.8	2.8	2.3	1.8	0.9	1.5	1.5	1.5	100.8%
Transfers and subsidies	0.1	0.1	0.1	-	-	-	-	-	47.3%
Total expenses	93.3	96.8	98.8	98.8	112.7	103.0	118.7	117.9	98.3%
Surplus/(Deficit)	1.3	6.3	3.2	7.1	3.1	10.8	5.9	6.8	

Statements of estimates of financial performance, cash flow and financial position**Table 34.61 South African Diamond and Precious Metals Regulator statements of estimates financial performance**

Statement of financial performance									
	Revised estimate	Average growth rate (%)	Average: Expenditure/Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/Total (%)	
R million	2019/20	2016/17 - 2019/20		2020/21	2021/22	2022/23	2019/20 - 2022/23		
Revenue									
Non-tax revenue	63.1	8.8%	46.9%	56.6	60.0	63.6	0.2%	48.2%	
Sale of goods and services other than capital assets	56.3	9.5%	41.2%	51.1	54.2	57.5	0.7%	43.4%	
<i>Sales by market establishment</i>	56.3	9.5%	41.2%	51.1	54.2	57.5	0.7%	43.4%	
Other non-tax revenue	6.8	3.2%	5.6%	5.5	5.8	6.1	-3.3%	4.8%	
Transfers received	61.5	4.4%	53.1%	63.6	67.1	69.6	4.2%	51.8%	
Total revenue	124.7	6.5%	100.0%	120.2	127.1	133.2	2.2%	100.0%	
Current expenses	117.9	6.8%	100.0%	120.2	124.8	129.7	3.2%	100.0%	
Compensation of employees	89.3	9.2%	74.3%	91.4	97.8	104.7	5.4%	77.7%	
Goods and services	27.0	2.3%	23.8%	27.5	25.6	23.5	-4.5%	21.1%	
Depreciation	1.5	-18.5%	1.9%	1.3	1.4	1.5	-0.3%	1.2%	
Total expenses	117.9	6.8%	100.0%	120.2	124.8	129.7	3.2%	100.0%	
Surplus/(Deficit)	6.8			-	2.3	3.5			

Personnel information**Table 34.62 South African Diamond and Precious Metals Regulator personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment												Number				
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)			
		2018/19			2019/20			2020/21		2021/22		2022/23				2019/20 - 2022/23		
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost		
South African Diamond and Precious Metals Regulator		138	78.1	0.6	138	89.3	0.6	138	91.4	0.7	138	97.8	0.7	138	104.7	0.8	5.4%	100.0%
Salary level	138																	
1-6	37	37	8.6	0.2	37	9.0	0.2	37	9.9	0.3	37	10.7	0.3	37	11.4	0.3	8.2%	26.8%
7-10	77	77	38.5	0.5	77	44.2	0.6	77	44.8	0.6	77	48.8	0.6	77	51.7	0.7	5.4%	55.8%
11-12	7	7	8.9	1.3	7	9.6	1.4	7	10.7	1.5	7	11.5	1.6	7	12.2	1.7	8.4%	5.1%
13-16	16	16	19.6	1.2	16	23.8	1.5	16	23.4	1.5	16	24.0	1.5	16	26.1	1.6	3.3%	11.6%
17-22	1	1	2.6	2.6	1	2.7	2.7	1	2.7	2.7	1	2.9	2.9	1	3.1	3.1	4.7%	0.7%

1. Rand million.

South African National Energy Development Institute

Selected performance indicators

Table 34.63 South African National Energy Development Institute performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of energy solutions for cleaner fossil fuels assessed per year	Cleaner fossil fuels	Priority 1: Economic transformation and job creation	3	3	3	3	3	3	3
Number of research reports for cleaner fossil fuels produced per year	Cleaner fossil fuels		-1	-1	2	0	0	1	1
Number of energy performance certificates registered per year	Energy efficiency programme		-1	-1	-1	-1	1	1	1
Number of energy solutions for smart grids assessed per year	Smart grids		5	5	4	4	4	4	4
Number of energy solutions for clean energy assessed per year	Clean energy solutions		6	2	3	3	3	3	3
Number of research reports produced per year	Centre for energy systems analysis and research		7	3	4	4	4	4	4

1. No historical data available.

Entity overview

The South African National Energy Development Institute was established in terms of the National Energy Act (2008), and is listed as a schedule 3A public entity in terms of the Public Finance Management Act (1999). Its mandate is to direct, monitor and conduct applied energy research and development, and demonstrate and deploy specific measures to promote the uptake of green energy and energy efficiency in South Africa.

Over the medium term, the institute will continue to focus on projects that support energy efficiency and green energy. It will continue to provide technical support to National Treasury, the South African Revenue Service and the Department of Trade, Industry and Competition for the administration of the section 12I tax incentive (which supports investments in manufacturing assets and the training of personnel to improve productivity) and section 12L tax incentive (a deduction based on energy efficiency savings); and support preferential commercial financing for energy efficiency and renewable energy projects. Spending on goods and services accounts for an estimated 73 per cent (R463 million) of total expenditure over the medium term, mostly for project-specific funding.

The institute derives its revenue through transfers from the department and donor funding. Total revenue and expenditure are both expected to amount to R644.4 million over the medium term, decreasing from R232.4 million in 2019/20 to R204 million in 2022/23 due to the completion of one-off projects.

Programmes/Objectives/Activities

Table 34.64 South African National Energy Development Institute 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
Administration	80.7	52.8	39.0	40.2	-20.7%	42.4%	44.6	46.6	50.4	7.8%	20.9%
Cleaner Fossil Fuels	3.0	14.7	11.3	107.0	229.2%	17.8%	101.2	107.0	112.8	1.8%	49.1%
Energy efficiency programme	4.8	0.6	4.7	61.2	133.9%	9.1%	61.7	22.8	10.1	-45.1%	17.2%
Smart grids	12.9	53.5	10.6	5.8	-23.4%	15.6%	6.2	6.6	7.5	9.0%	3.0%
Working for Energy	1.2	6.7	6.1	5.9	69.4%	3.8%	6.3	6.7	7.0	5.8%	3.0%
Clean energy solutions	3.1	14.6	15.9	5.2	18.7%	8.2%	5.6	9.9	10.6	26.7%	3.7%
Centre for Energy Systems Analysis and Research	3.9	1.7	2.4	4.6	5.8%	2.3%	6.0	4.2	3.0	-13.8%	2.0%
Cleaner Mobility	0.8	1.7	0.1	2.5	45.0%	0.8%	2.7	2.5	2.6	1.6%	1.2%
Total	110.4	146.4	90.1	232.4	28.2%	100.0%	234.2	206.2	204.0	-4.3%	100.0%

Statements of historical financial performance, cash flow and financial position**Table 34.65 South African National Energy Development Institute statements of historical financial performance**

Statement of financial performance									
	Budget		Audited outcome		Budget		Audited outcome		Average: Outcome/Budget (%)
	2016/17	2017/18	2018/19	2019/20	Budget estimate	Revised estimate	2016/17 - 2019/20		
R million									
Revenue									
Non-tax revenue	16.1	30.6	4.7	17.7	6.0	20.3	6.3	6.3	226.1%
Sale of goods and services other than capital assets	–	–	–	3.8	–	–	–	–	–
of which:									
Administrative fees	–	–	–	3.8	–	–	–	–	–
Other non-tax revenue	16.1	30.6	4.7	14.0	6.0	20.3	6.3	6.3	214.7%
Transfers received	308.5	54.2	234.2	124.9	168.0	97.1	226.1	226.1	53.6%
Total revenue	324.7	84.8	238.9	142.6	174.0	117.4	232.4	232.4	59.5%
Expenses									
Current expenses	324.7	110.4	238.9	146.4	174.0	90.1	232.4	232.4	59.7%
Compensation of employees	52.0	49.6	46.5	47.1	50.2	36.4	50.7	50.7	92.2%
Goods and services	267.1	59.5	190.0	99.3	121.3	50.0	179.0	179.0	51.2%
Depreciation	5.6	1.3	2.4	–	2.5	3.6	2.7	2.7	57.8%
Total expenses	324.7	110.4	238.9	146.4	174.0	90.1	232.4	232.4	59.7%
Surplus/(Deficit)	–	(25.7)	–	(3.8)	–	27.4	–	–	

Statements of estimates of financial performance, cash flow and financial position**Table 34.66 South African National Energy Development Institute statements of estimates financial performance**

Statement of financial performance								
	Revised estimate	Average growth rate (%)	Average: Expenditure/Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/Total (%)
				2019/20	2020/21	2021/22		
R million								
Revenue								
Non-tax revenue	6.3	-40.9%	17.1%	6.7	1.0	4.7	-9.6%	2.1%
Other non-tax revenue	6.3	-40.9%	16.5%	6.7	1.0	4.7	-9.6%	2.1%
Transfers received	226.1	61.0%	82.9%	227.6	205.2	199.3	-4.1%	97.9%
Total revenue	232.4	40.0%	100.0%	234.2	206.2	204.0	-4.3%	100.0%
Current expenses	232.4	28.2%	100.0%	234.2	206.2	204.0	-4.3%	100.0%
Compensation of employees	50.7	0.7%	34.8%	54.1	57.5	59.9	5.7%	25.6%
Goods and services	179.0	44.4%	63.6%	177.3	145.7	140.0	-7.9%	73.0%
Depreciation	2.7	25.5%	1.6%	2.8	3.0	4.0	14.8%	1.4%
Total expenses	232.4	28.2%	100.0%	234.2	206.2	204.0	-4.3%	100.0%
Surplus/(Deficit)	–			–	–	–		

Personnel information**Table 34.67 South African National Energy Development Institute personnel numbers and cost by salary level**

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment														Number					
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)						
		2018/19		Unit cost	2019/20		Unit cost	2020/21		2021/22		2022/23				Unit cost					
South African National Energy Development Institute		64	64	64	36.4	0.6	64	50.7	0.8	64	54.1	0.8	64	57.5	0.9	64	59.9	0.9	5.7%	100.0%	
Salary level																					
1–6	17	17	1.8	0.1	17	2.7	0.2	17	2.8	0.2	17	3.0	0.2	17	3.1	0.2	17	3.1	0.2	5.4%	26.6%
7–10	22	22	7.9	0.4	22	11.4	0.5	22	12.2	0.6	22	13.0	0.6	22	13.5	0.6	22	13.5	0.6	5.8%	34.4%
11–12	10	10	7.0	0.7	10	10.1	1.0	10	10.7	1.1	10	11.4	1.1	10	11.9	1.2	10	11.9	1.2	5.8%	15.6%
13–16	14	14	19.1	1.4	14	23.9	1.7	14	25.4	1.8	14	27.0	1.9	14	28.1	2.0	14	28.1	2.0	5.6%	21.9%
17–22	1	1	0.5	0.5	1	2.7	2.7	1	2.9	2.9	1	3.1	3.1	1	3.2	3.2	1	3.2	3.2	5.8%	1.6%

1. Rand million.

State Diamond Trader

Selected performance indicators

Table 34.68 State Diamond Trader performance indicators by programme/objective/activity and related priority

Indicator	Programme/Objective/Activity	MTSF priority	Past			Current	Projections		
			2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23
Number of diamond producers selling rough diamonds to the trader per year	Administration	Entity mandate	15	16	12	19	19	19	19
Number of trader clients per year	Administration		74	75	50	116	116	116	116
Number of diamond production inspections per year	Administration		117	126	214	130	130	130	130
Number of trainees employed by the trader per year	Administration		10	10	10	10	10	10	10

Entity overview

The State Diamond Trader's mandate, as defined in the Diamonds Amendment Act (2005), is to promote equitable access to and local beneficiation for the country's diamonds. It is listed as a schedule 3B public entity in terms of the Public Finance Management Act (1999), and is mandated to conduct research, develop a client base, contribute to the growth of the local diamond beneficiation industry, and develop efficient means to market diamonds not suitable for local beneficiation.

Over the medium term, the trader will focus on growing the local diamond beneficiation industry and increasing the sale of rough diamonds to historically disadvantaged South Africans. Total expenditure is expected to amount to R1.6 billion over the medium term, with 96.4 per cent of this amount for goods and services which includes funds earmarked for procuring diamonds.

The trader generates revenue through the sale of rough diamonds. Total revenue is expected to increase at an average annual rate of 4.2 per cent, from R619.7 million in 2019/20 to R701 million in 2022/23.

Programmes/Objectives/Activities

Table 34.69 State Diamond Trader 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 (%)
	2016/17	2017/18	2018/19				2019/20	2020/21	2021/22		
R million											
Administration	719.1	768.2	631.8	594.9	-6.1%	100.0%	531.1	531.1	531.1	-3.7%	100.0%
Total	719.1	768.2	631.8	594.9	-6.1%	100.0%	531.1	531.1	531.1	-3.7%	100.0%

Statements of historical financial performance, cash flow and financial position

Table 34.70 State Diamond Trader statements of historical financial performance

Statement of financial performance									
	Budget		Audited outcome		Budget		Audited outcome		Average: Outcome/Budget (%)
	2016/17	2017/18	2017/18	2018/19	2018/19	2019/20	2019/20		
R million									
Revenue									
Non-tax revenue	611.7	726.3	652.8	776.1	715.1	628.7	786.8	619.7	99.4%
Sale of goods and services other than capital assets	610.4	722.7	650.7	769.1	712.7	624.9	783.9	615.7	99.1%
of which:									
Sales by market establishment	610.4	722.7	650.7	769.1	712.7	624.9	783.9	615.7	99.1%
Other non-tax revenue	1.3	3.5	2.1	7.0	2.4	3.9	2.8	4.0	213.7%
Total revenue	611.7	726.3	652.8	776.1	715.1	628.7	786.8	619.7	99.4%
Expenses									
Current expenses	611.7	719.1	561.2	768.2	563.3	631.8	594.9	594.9	116.4%
Compensation of employees	13.0	11.0	14.0	14.2	14.7	14.3	14.9	17.0	99.8%
Goods and services	597.2	705.6	545.8	753.5	547.2	616.9	578.7	576.7	116.9%
Depreciation	-	0.3	-	0.3	-	0.3	-	-	-
Interest, dividends and rent on land	1.4	2.3	1.4	0.2	1.3	0.3	1.3	1.1	71.5%
Total expenses	611.7	719.1	561.2	768.2	563.3	631.8	594.9	594.9	116.4%
Surplus/(Deficit)	-	7.1	91.6	7.8	151.8	(3.1)	191.9	24.8	

Statements of estimates of financial performance, cash flow and financial position

Table 34.71 State Diamond Trader statements of estimates financial performance

Statement of financial performance		Revised estimate	Average growth rate (%)	Average: Expenditure/ Total (%)	Medium-term estimate			Average growth rate (%)	Average: Expenditure/ Total (%)
					2019/20	2016/17 - 2019/20	2020/21		
R million									
Revenue									
Non-tax revenue		619.7	-5.2%	100.0%	633.7	619.7	701.0	4.2%	100.0%
Sale of goods and services other than capital assets		615.7	-5.2%	99.3%	630.6	615.3	697.9	4.3%	99.4%
<i>Sales by market establishment</i>		615.7	-5.2%	99.3%	630.6	615.3	697.9	4.3%	99.4%
Other non-tax revenue		4.0	3.8%	0.7%	3.2	4.4	3.1	-8.0%	0.6%
Total revenue		619.7	-5.2%	100.0%	633.7	619.7	701.0	4.2%	100.0%
Current expenses									
Compensation of employees		594.9	-6.1%	100.0%	531.1	531.1	531.1	-3.7%	100.0%
Goods and services		17.0	15.8%	2.1%	17.9	19.0	19.6	4.7%	3.4%
Interest, dividends and rent on land		576.7	-6.5%	97.7%	512.0	511.8	510.0	-4.0%	96.4%
Total expenses		1.1	-21.5%	0.1%	1.3	0.3	1.5	11.7%	0.2%
Total expenses		594.9	-6.1%	100.0%	531.1	531.1	531.1	-3.7%	100.0%
Surplus/(Deficit)		24.8			102.6	88.6	169.9		

Personnel information

Table 34.72 State Diamond Trader personnel numbers and cost by salary level

Number of posts estimated for 31 March 2020		Number and cost ¹ of personnel posts filled/planned for on funded establishment												Number					
Number of funded posts	Number of posts on approved establishment	Actual			Revised estimate			Medium-term expenditure estimate						Average growth rate (%)	Average: Salary level/Total (%)				
		2018/19		2019/20		2020/21		2021/22		2022/23		2019/20 - 2022/23							
		Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost	Number	Cost	Unit cost			
State Diamond Trader																			
Salary level	19	19	19	14.3	0.8	19	17.0	0.9	19	17.9	0.9	19	19.0	1.0	19	19.6	1.0	4.7%	100.0%
1 – 6	2	2	2	1.3	0.7	2	0.9	0.4	2	0.9	0.5	2	1.0	0.5	2	1.1	0.5	7.8%	10.5%
7 – 10	11	11	11	5.0	0.5	11	6.3	0.6	11	6.7	0.6	11	7.3	0.7	11	7.9	0.7	7.8%	57.9%
11 – 12	2	2	2	1.8	0.9	2	2.3	1.1	2	2.4	1.2	2	2.6	1.3	2	2.8	1.4	7.8%	10.5%
13 – 16	4	4	4	6.3	1.6	4	7.6	1.9	4	7.8	2.0	4	8.1	2.0	4	7.8	1.9	0.7%	21.1%

1. Rand million.

◀ 2020 ▶
BUDGET

ESTIMATES OF NATIONAL
EXPENDITURE



national treasury

Department:
National Treasury
REPUBLIC OF SOUTH AFRICA