

ANNEXURE E: DEFINITION OF PERFORMANCE INDICATORS

1.1. Member of the Executive Council

Indicator title	Number of budget speech delivered
Short definition	Policy and Budget speech delivered
Purpose/importance	To provide strategic guidance and highlight key sectoral issues
Source/collection of data	Departmental Performance Reports made up of each directorate produced for monitoring and evaluation
Method of calculation	To ensure timely reporting, thus ensuring informed and timely decision making, thus ensuring improved service delivery
Data limitations	Quarterly progress reports
Type of indicator	Number of reports submitted on time against the total number of reports that are supposed to be submitted.
Calculation type	Attribution – impact likely to be seen later Report inaccuracies occur at times
Reporting cycle	Qualitative indicator
New indicator	Cumulative during a financial year.
Desired performance	Delivered in time
Indicator responsibility	Director: Office of the MEC

Indicator title	Number of performance review sessions conducted
Short definition	Departmental Performance review session conducted
Purpose/importance	To review departmental performance
Source/collection of data	Quarterly progress reports
Method of calculation	Calculate the number of reviews held
Data limitations	Accuracy and timely submission of performance information
Type of indicator	Qualitative indicator
Calculation type	Cumulative during a financial year.
Reporting cycle	Quarterly
New indicator	No
Desired performance	Review held according to requirements
Indicator responsibility	Office of MEC

1.2. Senior Management

Indicator title	Number of MANCOM meetings conducted
Short definition	Management meetings organised and attended
Purpose	To ensure effective leadership and monitor progress
Source/collection of data	Minutes of meetings
Method of calculation	Count of meetings
Data limitations	Inaccurate records of minutes and lack of follow-up
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Monthly management meetings organised and attended
Indicator responsibility	Office of Head of Department

Indicator title	Number of legal cases resolved
Short definition	Legal cases resolved
Purpose	To assess the extent of legal cases resolved by the department
Source/collection of data	Quarterly progress reports
Method of calculation	Number of cases resolved
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Compliance with legislation
Indicator responsibility	Programme manager

1.3. Corporate Service

Labour relations

Indicator title	Number of labour related cases resolved
Short definition	Disciplinary cases, disputes and grievances resolved
Purpose	To maintain sound labour relations
Source/collection of data	Quarterly progress reports
Method of calculation	Number of cases, disputes and grievances handled
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Discipline maintained
Indicator responsibility	Programme manager

Indicator title	Number of labour related workshops conducted
Short definition	Workshops conducted to officials in the department on labour related matters
Purpose	To create awareness on labour related matters in order to reduce labour related cases
Source/collection of data	Attendance register
Method of calculation	Simple count
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Yes
Desired performance	To reduce labour related cases in the department
Indicator responsibility	Programme manager

Human Resource Services

Indicator title	Number of funded vacant posts filled
Short definition	Number of posts filled
Purpose	To populate the organisational structure
Source/collection of data	Number of appointments made on PERSAL
Method of calculation	Count of posts filled
Data limitations	Poor response from applicants
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Fill vacant posts and improve service delivery
Indicator responsibility	Programme manager

Indicator title	Number of workshops and awareness campaigns conducted on Gender, Youth , Women and Disability for departmental staff members
Short definition	Awareness on Gender, Youth, Women and Disability
Purpose	To empower targeted groups.
Source/collection of data	Number of consultations
Method of calculation	Output
Data limitations	Lack of commitment and interest
Type of indicator	Awareness on Gender, Youth , Women and Disability reports
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Awareness on targeted groups

Indicator responsibility	Programme manager
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Indicator title	Conduct HIV and AIDS, Health and Wellness Programmes to internal staff
Short definition	HIV and AIDS, Health and Wellness
Purpose	To encourage healthy lifestyle
Source/collection of data	Number of consultations
Method of calculation	Number of Programmes conducted
Data limitations	Lack of commitment and interest
Type of indicator	HIV and AIDS, Health and Wellness reports
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	HIV and AIDS conscious environment
Indicator responsibility	Programme manager

Indicator title	Number of events organised and implemented for 16 Days of Activism Campaign.
Short definition	Campaigns against women and children abuse
Purpose	To have an abuse free environment
Source/collection of data	Monthly reports
Method of calculation	Number of participants
Data limitations	Lack of participation and lack of funds
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Promotion of Awareness against women and children abuse
Indicator responsibility	Programme manager

Indicator title	Number of internships awarded to youth
Short definition	Interns recruited
Purpose	To provide practical experience for graduates
Source/collection of data	Workbooks
Method of calculation	Number of applications received
Data limitations	Inaccurate information provided
Type of indicator	Output
Calculation type	Non -Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	To get permanent appointment

Indicator responsibility	Programme manager
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Indicator title	Number of learnerships awarded to youth
Short definition	Learnerships awarded
Purpose	To provide practical experience and skills for matriculants
Source/collection of data	Examination results
Method of calculation	Number of applications received
Data limitations	Inaccurate information provided
Type of indicator	Output
Calculation type	Non -Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	To get permanent appointment
Indicator responsibility	Programme manager

Indicator title	Number of employees assessed on performance management
Short definition	Number of employees assessed from salary level 1 to 14
Purpose	Improved service delivery
Source/collection of data	Performance pack
Method of calculation	Number of performance packs received and captured
Data limitations	Inaccurate information provided Poor submission of performance packs
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Improved service delivery
Indicator responsibility	Programme manager

Government Information Technology Office

Indicator title	Departmental ICT strategy developed & reviewed
Short definition	Ensure that Information Technology Strategy is aligned into departmental strategic plan
Purpose/importance	Develop enterprise architecture to support departmental information needs.
Source/collection of data	Funding requirements from responsibility managers, budget guidelines and other regulations
Method of calculation	Counting
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annually

New indicator	Continues without change
Desired performance	Unqualified audit
Indicator responsibility	GITO

Communications

Indicator title	Number of Departmental public participation activities and events coordinated
Short definition	Ensure interactive and effective public participation meetings and events coordination
Purpose	Facilitate and coordinate community and stakeholder participation in the programmes and services of the Department
Source/collection of data	Directorates; Presidential Hotline reports; Comments received from communities
Method of calculation	Number of public participation activities and events coordinated
Data limitations	Late submissions and unconfirmed submitted activities
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Yes
Desired performance	Interactive, scheduled and effective public participation and events coordinated
Indicator responsibility	Programme Manager

Indicator title	Number of print and electronic adverts published including interviews and news articles
Short definition	Render media liaison and monitoring services of all programmes
Purpose	Coordination of media coverage relating to the Department
Source/collection of data	Directorates , media enquiries and Public Participation activities
Method of calculation	Media statements issued, interviews conducted, articles published, media conferences organised, queries replied to
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative monthly and quarterly
Reporting cycle	Monthly and quarterly
New indicator	No
Desired performance	Informed internal and external stakeholders
Indicator responsibility	Programme manager (Manager: Media Liaison)

1.4. Financial Management

Indicator title	Number of departmental Budget Compiled
Short definition	Co-ordinate budget management process and budget reviews
Purpose/importance	To ensure that the allocated budget is informed by the department's strategic framework and that any deviation is managed timely to ensure compliance and service delivery.
Source/collection of data	Monthly financial reports and reports from Programme managers.
Method of calculation	Departmental Budget Submissions.
Data limitations	The lack of co-ordination for timely reporting of plans and resource requirements.
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	A budget that's aligned to the department's strategic framework and performance plan.
Indicator responsibility	Sub Programme Manager

2.1. Engineering Services

Transversal Indicators

Indicator title	Number of agricultural infrastructure established
Short definition	Infrastructure established
Purpose/importance	To assess infrastructure construction successfully completed
Source/collection of data	Progress reports
Method of calculation	Count of certificates issued for infrastructure constructed
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	A high number of certificates issued
Indicator responsibility	Programme manager

Provincial Indicators

Indicator title	Number of farms developed through the Fortune 40 Young Farmer Incubator Programme (Phase 1)
Short definition	Infrastructure established in the 20 young farmer incubator Programme
Purpose/importance	To assess infrastructure construction successfully completed
Source/collection of data	Progress reports
Method of calculation	Count of certificates issued for infrastructure constructed
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	A high number of certificates issued
Indicator responsibility	Programme manager

Indicator title	Number of livestock production infrastructure projects completed
Short definition	livestock production infrastructure projects
Purpose/importance	To monitor the livestock infrastructure projects completed on time
Source/collection of data	Infrastructure projects progress reports
Method of calculation	Count of livestock projects completed

Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	All identified livestock infrastructure projects completed
Indicator responsibility	District manager

Indicator title	Number of Agro-processing facilities completed
Short definition	Infrastructure developed to enable farmers to add value to their produce
Purpose/importance	To monitor agro-processing infrastructure projects completed on time
Source/collection of data	Infrastructure projects progress reports
Method of calculation	Count no of agro-processing facilities completed e.g. Maize milling projects completed
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	All identified livestock infrastructure projects completed
Indicator responsibility	District manager

Indicator title	Number of irrigation infrastructure projects completed
Short definition	Irrigation infrastructure projects completed
Purpose/importance	To monitor irrigation farming infrastructure projects completed on time
Source/collection of data	Infrastructure projects progress reports
Method of calculation	Count of irrigation farming infrastructure projects completed
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	All identified irrigation farming infrastructure projects completed

Indicator responsibility	District manager
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Indicator title	Number of broiler poultry projects completed
Short definition	Poultry enterprises
Purpose/importance	To monitor broiler infrastructure projects completed on time
Source/collection of data	Infrastructure projects progress reports
Method of calculation	Count of broiler infrastructure projects completed
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	All identified broiler infrastructure projects completed
Indicator responsibility	District manager

Indicator title	Number of borehole infrastructure projects completed
Short definition	Borehole infrastructure projects completed (Drilling and equipping of boreholes)
Purpose/importance	To ensure access to water for agricultural purposes
Source/collection of data	Quarterly reports (borehole infrastructure completed)
Method of calculation	Count of number of borehole infrastructure completed
Data limitation	Accuracy of collected data on borehole infrastructure completed
Type of indicator	Output indicator
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	An increase to the access of water for agricultural purposes
Indicator responsibility	Programme manager

Indicator title	Number of Agri-Hubs developed
Short definition	Agri-hub Infrastructure established
Purpose/importance	To assess infrastructure construction successfully completed
Source/collection of data	Progress reports

Method of calculation	Count of certificates issued for infrastructure constructed
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	A high number of certificates issued
Indicator responsibility	Programme manager

Indicator title	Number of Agricultural One-stop-centres established
Short definition	One Stop Centres Infrastructure established
Purpose/importance	To assess infrastructure construction successfully completed
Source/collection of data	Progress reports
Method of calculation	Count of certificates issued for infrastructure constructed
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	A high number of certificates issued
Indicator responsibility	Programme manager

Indicator title	Number of jobs created through EPWP from infrastructure projects
Short definition	Jobs created through EPWP
Purpose/importance	To monitor the number of jobs created through EPWP projects
Source/collection of data	Infrastructure projects progress reports
Method of calculation	Count of number of jobs created through all infrastructure projects
Data limitation	Limited to EPWP projects
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Indicate an increase in jobs created per project
Indicator	EPWP coordinator

responsibility

2.2. LandCare Services

Transversal Indicators

Indicator title	Number of hectares protected/ rehabilitated to improve agricultural production
Short definition	Area of farm land improved through conservation measures (which may include infrastructure, eradication of invader plants, management systems) implemented to protect and rehabilitate agricultural land.
Purpose/importance	To minimise degradation and rehabilitate degraded land to improve agricultural production.
Source/collection of data	Final Report which may include Acknowledgement letter and/ or Maps and/ or Farm plans
Method of calculation	Count of hectares protected/ rehabilitated
Data limitations	Climate conditions, 3 rd party acknowledgment letters, Permits from other departments
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Higher performance
Indicator responsibility	Programme manager

Indicator title	Number of green jobs created through LandCare
Short definition	Creation of work opportunities through a labour intensive approach and in accordance with EPWP Guidelines and Code of Good Practice.
Purpose/importance	To monitor the number of jobs created through LandCare
Source/collection of data	Infrastructure projects progress reports
Method of calculation	Count of number of jobs created through land Care
Data limitation	Limited to LandCare EPWP projects
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Indicate an increase in jobs created per project
Indicator responsibility	EPWP coordinator

Provincial Indicators

Indicator title	Number of awareness campaigns conducted on LandCare
Short definition	Awareness creation on sustainable use of natural resources
Purpose/importance	To advise land users on management and conservation of natural resources
Source/collection of data	Attendance registers, reports, Programme
Method of calculation	Count the number of awareness campaigns conducted
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Monthly
New indicator	No
Desired performance	A high number of awareness campaigns over a wide geographical area and well informed land users for natural resources. (Well informed land users on management and conservation of natural resources)
Indicator responsibility	Programme manager

Indicator title	Number of hectares under invader plant controlled
Short definition	To eradicate invader plants
Purpose/importance	To increase hectares available for production
Source/collection of data	Client interaction form and reports
Method of calculation	Count Area (ha) controlled
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Monthly
New indicator	No
Desired performance	A non-increasing or decreasing area under invader plants is desirable. Improved natural resources
Indicator responsibility	Programme manager

Indicator title	Number of schools adopted and developed through junior LandCare initiatives
Short definition	Schools involved in LandCare
Purpose/importance	To capacitate the youth in natural resource management
Source/collection of data	Signed acknowledgement forms
Method of calculation	The number of schools and communities involved in Junior Land Care activities
Data limitations	None
Type of indicator	Output
Calculation type	Non-Cumulative
Reporting cycle	Monthly

New indicator	No
Desired performance	A high number of schools and communities involved in Junior Land Care
Indicator responsibility	Programme manager

2.3. Land Use Management

Provincial Indicators

Indicator title	Number of hectares planned for sustainable farming purposes
Short definition	Hectares planned for improved use of natural resources
Purpose/importance	To create a data base for hectares planned for sustainable farming purposes
Source/collection of data	Farm plan, map
Method of calculation	Hectares planned for sustainable use
Data limitations	No
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Monthly
New indicator	No
Desired performance	To have properly managed resources
Indicator responsibility	Programme manager

2.4. Disaster and Risk Management

Transversal Indicators

Indicator title	Number of disaster relief schemes managed (Floods & veld fires)
Short definition	Disaster relief schemes managed
Purpose/importance	To provide relief aid to affected farmers
Source/collection of data	Quarterly reports
Method of calculation	Count number of disaster schemes
Data limitations	None
Type of indicator	Outcome
Calculation type	Cumulative – for the year
Reporting cycle	Quarterly
New indicator	No
Desired performance	Less disaster affecting farmers
Indicator responsibility	Programme Manager

Indicator title	Number of disaster relief risk reduction Programmes managed
Short definition	The management of all the Programmes aimed to minimise the agricultural vulnerabilities and disaster risks. It includes prevention, mitigation, adaptation, prediction and early warning systems.
Purpose/importance	To prevent and reduce agricultural disaster risks by minimizing vulnerabilities.
Source/collection of	Signed off and dated reports

data	
Method of calculation	Count of the number of disaster relief risk reduction Programmes managed
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The aim is to ensure that the set target is met
Indicator responsibility	Programme Manager

Provincial Indicators

Indicator title	Number of early warning reports issued
Short definition	Dissemination of early warning advisory reports to relevant stakeholders
Purpose/importance	The purpose of this indicator is to assess effectiveness of the disaster advisory information.
Source/collection of data	Disaster management survey report
Method of calculation	Number of early warning reports issued
Data limitations	None
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Monthly
New indicator	Yes
Desired performance	Adherence to early warning advisory information by the farmers
Indicator responsibility	Programme manager

Indicator title	Number of Hazardous areas and their potential impact identified
Short definition	Hazardous areas and their potential impact identified
Purpose/importance	To determine the trends for disaster prone areas
Source/collection of data	Client interaction forms
Method of calculation	Count number of areas identified
Data limitations	none
Type of indicator	Outcome
Calculation type	Cumulative – for the year
Reporting cycle	Quarterly
New indicator	Yes
Desired performance	To eradicate all hazardous areas
Indicator responsibility	Programme manager

Indicator title	Number of farmers receiving early warning information
Short definition	Farmers receiving early warning information
Purpose/importance	The purpose of this indicator is to assess the level to which disaster advisory information is reaching farmers
Source/collection of data	Disaster management stakeholder survey report
Method of calculation	Number of stakeholders receiving early warning information
Data limitations	none
Type of indicator	Output/Input
Calculation type	Cumulative
Reporting cycle	Bi-annually
New indicator	Yes
Desired performance	Well and timeously informed farmers
Indicator responsibility	Programme manager

3.1. Farmer Support and Development

Transversal Indicators

Indicator title	Number of small holder farmers receiving support
Short definition	Smallholder farmers supported with infrastructure, agricultural inputs, agricultural advice, training,
Purpose/importance	To develop and support smallholder farmers and increase sustainable production
Source/collection of data	Client interaction forms, attendance registers for trainings , training evaluation reports
Method of calculation	Count number of farmers supported
Data limitations	None
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	No
Desired performance	Farmers receive comprehensive support
Indicator responsibility	Programme Manager

Provincial Indicators

Indicator title	Number of farm assessments completed
Short definition	Reports on assessments outlining farming activities and resources (natural, infrastructure, finances, management) as a tool for development
Purpose/importance	To determine the suitability of the production area
Source/collection of data	Farm assessment reports
Method of calculation	Count of the number of assessments conducted
Data limitations	Demand driven based on the need for assessment
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Higher performance
Indicator responsibility	Programme Manager

Indicator title	Number of project performance reports compiled
Short definition	Farmer settlement project performance reports compiled
Purpose/importance	Verification and tracking land reform project performance
Source/collection of data	Project performance report
Method of calculation	Count of the number of project performance reports
Data limitations	None
Type of indicator	Output

Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Higher performance
Indicator responsibility	Programme Manager

Indicator title	Number of jobs created and sustained through land reform
Short definition	Jobs that are created and maintained through the support of land reform farms
Purpose/importance	To ensure improvement and sustainability of land reform projects
Source/collection of data	List of people employed, time sheets, signed contract, and ID copies
Method of calculation	Count of the number of jobs created
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Higher performance
Indicator responsibility	Programme Manager

Indicator title	Number of young graduates linked and maintained through land reform farms
Short definition	Unemployed agricultural graduates capacitated, employed and placed in land reform farms
Purpose/importance	Ensure that land reform farms are productive through skills impart from the graduates, and that graduates are given practical experience
Source/collection of data	Appointment letters, contracts, time sheet and payment certificates
Method of calculation	Count of the number of young graduates linked and maintained
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Increase productive land reform farms and number of graduates employed
Indicator responsibility	Programme Manager

Indicator title	Number of summits workshops and forums held to assist land reform initiatives
Short definition	Land reform summit conducted to develop strategies to turn around farms.
Purpose/importance	Ensure that land reform farms are supported in a well-coordinated manner while following frameworks
Source/collection of	Attendance register

data	
Method of calculation	Count of the number of workshops and forums held
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Monthly
New indicator	Yes
Desired performance	The desired performance is increased number of land reform farms sustainable and productive.
Indicator responsibility	Programme Manager

Indicator title	Number of mentorship initiatives implemented and maintained
Short definition	Mentors appointed to support land reform farms
Purpose/importance	Commodity based mentors are appointed to capacitate and improve production in land reform farms
Source/collection of data	Appointment letters and Service level agreements
Method of calculation	Count the number of mentors appointed
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quartely
New indicator	No
Desired performance	The desired performance is that commodities are supported and land reform farmers are capacitated to manage farms as business units
Indicator responsibility	Programme Manager

3.2. Extension and Advisory Services

Indicator title	Number of smallholder producers supported with agricultural advice
Short definition	Specific technical agricultural information provided to a producers (site visits)
Purpose/importance	To transfer appropriate technology to producers in an attempt to change behavior and decision making processes which will improve efficiency of agricultural production
Source/collection of data	Client interaction form signed by the farmer
Method of calculation	Count of the number of smallholder producers supported
Data limitation	None
Type of indicator	Output
Calculation type	Non-Cumulative
Reporting cycle	Annually
New indicator	New

Desired performance	Higher
Indicator responsibility	Programme Manager

Indicator title	Number of agricultural demonstrations provided to farmers
Short definition	Practical illustration of agricultural activities, for example; on site presentation of practices, technologies, product for enhancing agricultural activities, (livestock dehorning, castration, branding, dipping, irrigation scheduling, soil sampling, chemicals handling and application).
Purpose/importance	To assess the extent to which on-farm demonstrations are conducted
Source/collection of data	Quarterly progress reports
Method of calculation	Count of on-farm demonstrations that are facilitated per year
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is an increase or a non-decrease in the number of on-farm demonstrations
Indicator responsibility	Municipality Manager

Indicator title	Number of farmer days held
Short definition	Farmers' days refers to meetings facilitated among extension agents, farmers and other role players for the dissemination/exchange of information on agricultural practices, technology and products.
Purpose/importance	To assess the extent to which farmer days are organized
Source/collection of data	Quarterly progress reports
Method of calculation	Count of farmer days that are organized
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is an increase or a non-decrease in the number of farmer days organized

Indicator responsibility	Municipality Manager
Indicator title	Number of functional commodity groups supported
Short definition	Functional commodity groups provided with technical and administrative advice for functionalism
Purpose/importance	Farmers supported at municipal level, under a specific commodity and also subscribed to a National / Provincial Commodity Association. These commodity groups and stakeholder groups are established at either municipal or provincial level.
Source/collection of data	Commodity groups survey report, progress reports
Method of calculation	Count of commodity groups that are functional or operational that are supported
Data limitation	Accuracy of commodity group survey report
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is an increase in the number of functional commodity groups that are supported
Indicator responsibility	Municipality Manager

Indicator title	Number of training Programmes organised to farmers
Short definition	Training Programmes organised
Purpose/importance	Assist farmers with training and capacity building matters
Source/collection of data	Training courses attendance registers
Method of calculation	Count the number of training courses offered
Data limitation	None
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Improved and applied knowledge base by farmers
Indicator responsibility	Programme manager

Indicator title	Number of farmers attending training Programmes
Short definition	Farmers trained
Purpose/importance	Assist farmers with training and capacity building matters
Source/collection of data	Training courses attendance registers
Method of calculation	Count the number of farmers trained
Data limitation	None
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Improved and applied knowledge base by farmers
Indicator responsibility	Programme manager

3.3. Food Security

Transversal Indicators

Indicator title	Number of households benefiting from agricultural food security initiatives
Short definition	Number of households / subsistence producers benefiting from different agricultural food security initiatives. A household refers to 3.2 persons.
Purpose/importance	To address the national outcome 7 target of supporting 1,6 million households benefiting from food security initiatives by March 2019
Source/collection of data	List of households who benefited
Method of calculation	Count of the number of households who benefited
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Reviewed
Desired performance	Higher performance is desired
Indicator responsibility	Programme Manager

Indicator title	Number of hectares cultivated for food production in communal areas projects
Short definition	Number of hectares cultivated refers to the area of communal, land reform and / or leased land under production
Purpose/importance	Increase the number of hectares under production to enhance availability, affordability and access to food.
Source/collection of data	Final Report which may include Name of Project Leader, Contact Details, ID Numbers, Land Size, Crop/Commodity Type, GPS Coordinates, Province and District Name
Method of calculation	Count of the total number of hectares planted per province per district
Data limitation	Weather conditions
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	Higher performance is desired
Indicator responsibility	Programme Manager

Provincial Indicators

Indicator title	Area ploughed and planted for subsistence farmers (ha)
Short definition	Provision of mechanization for agricultural practices to support subsistence farmers
Purpose/importance	Ensure that all productive land is utilised optimally for food security
Source/collection of data	Application forms, client interaction form, production plan, distribution form, time sheet register, payment certificate
Method of calculation	Count number of hectares supported with mechanization and production inputs
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Monthly
New indicator	No
Desired performance	The desired performance is an increase in the area supported under mechanization and production inputs for subsistence farmers
Indicator responsibility	Chief Director

Indicator title	Area ploughed and planted for Land and Agrarian Reform beneficiaries (ha)
Short definition	Provision of mechanization for agricultural practices to support commercial farmers
Purpose/importance	Ensure that all productive land lying fallow is utilised optimally for food production
Source/collection of data	Application forms, client interaction form, production plan, time sheet register, payment certificate, contracts
Method of calculation	Count number of hectares supported with mechanization
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Monthly
New indicator	No
Desired performance	The desired performance is an increase in the area supported under mechanization for Land and Agrarian Reform beneficiaries
Indicator responsibility	Chief Director

Indicator title	Number of communal gardens supported through ME
Short definition	A small piece of land used for food production (household, schools, clinics, home based cares)
Purpose/importance	To improve access to affordable and diverse food at household level
Source/collection of data	Reports on household food gardens established
Method of calculation	Number of household, institutional and community food gardens
Data limitation	Availability, accessibility and accuracy of inter-departmental data collected
Type of indicator	Output indicator
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The desired performance is to have increased number of food gardens
Indicator responsibility	Programme manager

Indicator title	Number of vegetable cooperatives supported through ME initiatives
Short definition	A small piece of land used for food production (household, schools, clinics, home based cares)
Purpose/importance	To improve access to affordable and diverse food at household level

Source/collection of data	Reports on household food gardens established
Method of calculation	Number of household, institutional and community food gardens
Data limitation	Availability, accessibility and accuracy of inter-departmental data collected
Type of indicator	Output indicator
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The desired performance is to have increased number of food gardens
Indicator responsibility	Programme manager

Indicator title	Number of food security ME awareness campaigns held
Short definition	Number of food security ME awareness campaigns held
Purpose/importance	The awareness campaigns will enable the provision of nutrition education to beneficiaries; and advocacy and awareness on the importance of integrating food security and / or nutrition considerations into agricultural Programmes.
Source/collection of data	Quarterly progress reports
Method of calculation	Count of food security campaigns held
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is to have an increase in food security awareness campaigns
Indicator responsibility	Programme manager

Indicator title	Number of EPWP jobs maintained through ME
Short definition	Job opportunities created through ME implementation
Purpose/importance	To monitor the number of permanent jobs created through EPWP projects
Source/collection of data	Infrastructure projects progress reports

Method of calculation	Count of number of permanent jobs created through all infrastructure projects
Data limitation	Limited to EPWP projects
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Indicate an increase in permanent jobs created per project
Indicator responsibility	EPWP coordinator

Indicator title	Number of projects/ farms provided with livestock through MESP
Short definition	Project assisted through the MESP Programmes
Purpose/importance	To elevate livestock production in the province
Source/collection of data	Client interaction forms
Method of calculation	Count number of projects assisted
Data limitation	None
Type of indicator	Output
Calculation type	accumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	An elevated, strengthened and improved livestock production in the Province
Indicator Responsibility	Programme Manager (Director: ME- Animal)

Indicator title	Number of cattle production sets/nuclei supplied to livestock farms (Bull & Heifer)
Short definition	Stud bull and heifers provided for livestock improvement purposes
Purpose/importance	Provision of a bull and heifers for genetic improvement of livestock
Source/collection of data	Delivery notes for sets of animals
Method of calculation	Count number of sets (1-25) animals supplied
Data limitation	Only breeding bulls and heifers
Type of indicator	Output
Calculation type	accumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	An increase in number of beef producing farmers
Indicator Responsibility	Programme Manager (Director: ME- Animal)

Indicator title	Number of goats breeding small-stock sets/ nuclei introduced to livestock farms (Buck & Doe)
Short definition	Goats breeding small-stock
Purpose/importance	To increase meat & milk production derived from goats

Source/collection of data	Delivery notes
Method of calculation	Count number of goats supplied
Data limitation	Only goats (Buck and Doe)
Type of indicator	Output
Calculation type	accumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	An increase in goat milk and meat production
Indicator Responsibility	Programme Manager (Director: ME- Animal)

Indicator title	Number of sheep breeding small-stock nuclei supplied to livestock farms (Ram & Ewe)
Short definition	Sheep breeding small-stock
Purpose/importance	To increase wool & Mutton production derived from sheep
Source/collection of data	Delivery notes
Method of calculation	Count number of sheep supplied
Data limitation	Only sheep (Ram and Ewe)
Type of indicator	Output
Calculation type	accumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	An increase in mutton and wool production
Indicator Responsibility	Programme Manager (Director: ME- Animal)

Indicator title	Number of pig breeding sets/ nuclei supplied to livestock farms (Boar & Sow)
Short definition	Provision of breeding small stocks in the form of pigs for bacon & pork production
Purpose/importance	To increase bacon & pork production derived from pigs
Source/collection of data	Delivery notes
Method of calculation	Count number of pigs supplied
Data limitation	Only pigs (Boar and Sow)
Type of indicator	Output

Calculation type	accumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	An increase in pork production
Indicator Responsibility	Programme Manager (Director: ME- Animal)

Indicator title	Number of livestock projects/farms assessment reports compiled
Short definition	Livestock assessments reports compiled
Purpose/importance	Verification and tracking livestock projects performance
Source/collection of data	Individual livestock projects
Method of calculation	Count of reports produced
Data limitation	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	An increase in the number of livestock projects performance
Indicator responsibility	District manager

4.1 Animal Health

Transversal Indicators

Indicator title	Number of epidemiological units visited for veterinary interventions
Short definition	Epidemiological units include residential areas, villages, conservation areas, dip tanks, crush pens, farms, compartments, dams and establishments. Visits refer to visit by veterinary official or veterinary practitioner on behalf of the state. Veterinary interventions include advice, training, awareness, inspections, surveillance (epidemiology), detection, investigation, control, eradication, prevention, bio-security, primary animal health, animal welfare and effective animal census.
Source/collection of data	Improve animal production and health to contribute to rural development, public health, food security, animal production, economic development and export facilitation.
Method of calculation	Report on the intervention carried out in the defined epidemiological unit (Report format will be prescribed by DAFF and agreed to by PDAs)
Data limitation	Simple count of defined epidemiological units visited

Type of indicator	Incomplete, inaccurate and fragmented data sources
Calculation type	Output
Reporting cycle	Cumulative
New indicator	Quarterly
Desired performance	Yes
Indicator responsibility	Higher Performance (Increased geographical coverage of epidemiological units)
	Programme Manager

Indicator title	Number of clients serviced for animal and animal products exports control
Short definition	Clients include any person or institution applying to export animals and animal related products. Services include advice, processing of export applications issuing of export certificates, issuing of movement permits, and the inspection, registration and auditing of export facilities.
Source/collection of data	To enable access to export markets thereby stimulating economic growth and rural development
Method of calculation	Report on export facilitations (Report format will be prescribed by DAFF and agreed to by PDAs)
Data limitation	Simple count based on separate applicants except in the case of individual animal owners
Type of indicator	Based on available applications and inspection reports
Calculation type	Output
Reporting cycle	Cumulative
New indicator	Quarterly
Desired performance	Yes
Indicator responsibility	Higher Performance (Improve access to export markets)
	Programme manager

Provincial Indicators

Indicator title	Number of animal vaccinations against controlled animal diseases
Short definition	Vaccination conducted by and under the supervision of the state against controlled animal diseases. These diseases may include infectious, zoonotic and / or economic animal diseases (Controlled and Notifiable). Animal definition according to Animal Disease Act (Act 35 of 1984).
Purpose/importance	Vaccinations against the 18 diseases of economic importance
Source/collection of data	Animal Health technicians records, submitted to the state veterinarian offices, who supply a report to the District Animal Health Office where it is consolidated for the province.
Method of calculation	Each animal is counted every time it is vaccinated over the reporting year.

Data limitations	The accuracy of the number of animals vaccinated depend on the reliability of the animal health technician's records kept in conjunction with the stock census for the area as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative over reporting year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher performance is desirable since it will be an indication of higher levels of immunity and protection against infection with FMD virus.
Indicator responsibility	Director Animal Health

Indicator title	Number of primary animal health care (PAHC) interactions held
Short definition	PAHC refers to veterinary assistance provided to owners of animals in order to minimize the impact of disease occurrence. Interactions per point may be information days, demonstrations, meetings and planned veterinary interventions.
Purpose/importance	Educate clients
Source/collection of data	Extension records of veterinary nurses and clinical state veterinarians reported to provincial office.
Method of calculation	Each extension session counted only once.
Data limitations	Depends on the reliability of the veterinary nurses and clinical state veterinarians' records kept at clinics/consulting rooms, as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative over the financial year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher level indicating greater awareness and contributing to human and animal health.
Indicator responsibility	Director Veterinary Specialized Services

Indicator title	Number of official veterinary movement documents issued.
Short definition	Documents include all forms of documentation that may be used to facilitate movement of animals and animal products or other agricultural related products for disease control purposes. Documents may include movement permits, health certificates and passports, etc
Purpose/importance	Movement control of animals and animal products to prevent spread of disease.
Source/collection of data	Animal health technicians and state veterinarians records, submitted to the state veterinarians offices, who supply a report to the District Animal Health Office and then consolidated by the province.
Method of calculation	Number of permits issued.
Data limitations	The accuracy of the number of permits issued depends on the reliability of the animal health technicians and state veterinarians records kept as well as accuracy of capturing the

	data in reports.
Type of indicator	Output.
Calculation type	Cumulative over reporting year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher performance is desirable since it will enhance traceability.
Indicator responsibility	Director Animal Health

Indicator title	Number of animals sampled/ tested for diseases surveillance purposes
Short definition	Animal inspections
Purpose/importance	To meet surveillance goals for certain controlled diseases, e.g. foot-and mouth disease, classical swine fever and highly pathogenic avian influenza to provide evidence for guarantees of disease freedom to OIE. To detect outbreaks of controlled notifiable and emerging diseases to enable timeous response.
Source/collection of data	Inspection records and reports of dip tank assistants and animal health technicians reported to state veterinarians, district and provincial animal health office.
Method of calculation	Every animal is counted every time it is inspected.
Data limitations	The accuracy of the number of animals inspected depends on the reliability of the dip tank assistant and animal health technician's records kept at their offices.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher indicates good turnout for inspection, greater awareness, response to outbreaks, and more auctions.
Indicator responsibility	Director Animal Health

Indicator title	Number of animal inspections for regulatory purposes
Short definition	Include routine inspections of animals on farms (including buffalo farms and compartments), auctions and dipping tanks. (E.g. buffalo farms, compartments). Inspections may also be during auctions.
Purpose/importance	To establish the presence/absence/prevalence/spread of disease
Source/collection of data	Stock Register <i>OR</i> Daily Activity Reports
Method of calculation	Simple count of collection points
Data limitations	None
Type of indicator	Activity
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No

Desired performance	Higher performance is desired
Indicator responsibility	Sub-Programme Manager

Indicator title	Number of veterinary export certificates issued
Short definition	A veterinary certificate. This includes all forms of certificates on uniquely serial numbered export paper of the Republic of South Africa for the purposes of exporting animals or animal products.
Purpose/importance	Tracks the number of veterinary export certificates issued. To facilitate compliance to the export standards of the importing country
Source/collection of data	Copy of the certificate
Method of calculation	Simple count
Data limitations	Demand driven (Dependent on the economic and national disease status and the number of applications) Accuracy of the register Measures only legal exports
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Higher performance is desired (Promote high revenue generation for the country)
Indicator responsibility	Sub-Programme Manager

Indicator title	Number of export establishments registered
Short definition	Registration can either be a new registration or an annual re-registration of an establishment for exporting purposes. An export establishment refers to an establishment from which a commodity of animal origin is finally exported. Such an establishment has been registered nationally and has been issued a ZA registration number.
Purpose/importance	To ensure credibility of veterinary certification for export from such establishments in order to enhance international trade.
Source/collection of data	State Veterinarian records report to the district office and then consolidated by the province.
Method of calculation	Each establishment is counted upon registration during the reporting year.
Data limitations	The accuracy of the number of establishments registered depends on the reliability of veterinarian's records.
Type of indicator	Output.
Calculation type	Cumulative over reporting year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher compliant registration.
Indicator	Director Animal Health and Director Veterinary Specialized

responsibility	Services
Indicator title	Number of sheep treated for Sheep-scab
Short definition	Number of sheep treated by the state or under state supervision for Sheep-scab. Sheep-scab is a notifiable skin disease of sheep caused by a mite. It is contagious and causes severe wool loss.
Purpose/importance	The treatment of infected flocks is essential to prevent spread of the disease and for animal welfare.
Source/collection of data	Animal Health technicians records, submitted to the state veterinarians offices, who supply a report to the District Animal Health Office and then consolidated by the province.
Method of calculation	Each sheep is counted every time it is treated during the reporting year.
Data limitations	The accuracy of the number of sheep treated depends on the reliability of the animal health technician's records kept in conjunction with the stock census for the area as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative over reporting year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher performance is desirable since it will enhance control.
Indicator responsibility	Director Animal Health

Indicator title	Number of cattle dipped for external parasites control
Short definition	Number of cattle dipping for external parasites (ticks, mange and other external parasites).
Purpose/importance	Control of external parasites to prevent diseases, blood loss, tissue damage, irritation and to aid disease surveillance.
Source/collection of data	Animal Health technicians records, submitted to the state veterinarians offices, who supply a report to the District Animal Health Office and then consolidated by the province.
Method of calculation	Each animal is counted every time it is dipped during the reporting year.
Data limitations	The accuracy of the number of cattle dipped depend on the reliability of the animal health technicians records kept as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative over reporting year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher performance is desirable to enhance animal health.
Indicator responsibility	Director Animal Health

Indicator title	Number of veterinary extension sessions held
Short definition	Number of schools visited, farmers days presentations and community meetings attended
Purpose/importance	Educate clients
Source/collection of data	Extension records of veterinary nurses and clinical state veterinarians reported to provincial office.
Method of calculation	Each extension session counted only once.
Data limitations	Depends on the reliability of the veterinary nurses and clinical state veterinarians' records kept at clinics/consulting rooms, as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative over the financial year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher level indicating greater awareness and contributing to human and animal health.
Indicator responsibility	Director Veterinary Specialized Services

Clinical Services

Indicator title	Number of primary animal health care (PAHC) interactions held (Veterinary Clinical services)
Short definition	PAHC refers to veterinary assistance provided to owners of animals in order to minimize the impact of disease occurrence. Interactions per point may be information days, demonstrations, meetings and planned veterinary interventions.
Purpose/importance	Educate clients
Source/collection of data	Extension records of veterinary nurses and clinical state veterinarians reported to provincial office.
Method of calculation	Each extension session counted only once.
Data limitations	Depends on the reliability of the veterinary nurses and clinical state veterinarians' records kept at clinics/consulting rooms, as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative over the financial year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher level indicating greater awareness and contributing to human and animal health.
Indicator responsibility	Director Veterinary Specialized Services

Indicator title	Number of veterinary extension sessions held (Veterinary Clinical services)
Short definition	Number of schools visited, farmers days presentations and community meetings attended
Purpose/importance	Educate clients
Source/collection of data	Extension records of veterinary nurses and clinical state veterinarians reported to provincial office.
Method of calculation	Each extension session counted only once.
Data limitations	Depends on the reliability of the veterinary nurses and clinical state veterinarians' records kept at clinics/consulting rooms, as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative over the financial year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher level indicating greater awareness and contributing to human and animal health.
Indicator responsibility	Director Veterinary Specialized Services

Indicator title	Number of MESP projects / farms provided with veterinary services
Short definition	MESP projects supported with veterinary services
Purpose/importance	To ensure health of MESP projects

Source/collection of data	Count number of projects assisted
Method of calculation	Count no. Of projects assisted
Data limitations	Only projects that benefited through MESP
Type of indicator	Output.
Calculation type	Cumulative over the financial year.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Animal health
Indicator responsibility	Director Veterinary Specialized Services

4.2. Veterinary Public health

Transversal Indicators

Indicator title	% level of abattoir compliance to meat safety legislation
Short definition	All abattoir assessments in line with the Meat Safety Act using the Hygiene Assessment System (HAS) and / or Meat Safety checklists. The annual Hygiene Assessment System (HAS) average is at least 60%. 60% is the minimum percentage of abattoirs to be rated.
Purpose/importance	To measure the level of compliance to the Meat Safety Act by all abattoirs to promote meat safety and the safety of animal products
Source/collection of data	Register of abattoirs and Hygiene Assessment System (HAS) audit report, Rural inspection checklist
Method of calculation	Calculate the average Hygiene Assessment System (HAS) score
Data limitations	Uniform implementation of the Hygiene Assessment System
Type of indicator	Outcome
Calculation type	Non-Cumulative
Reporting cycle	Annually
New indicator	New
Desired performance	Higher performance
Indicator responsibility	Sub-Programme Manager

Provincial Indicators

Indicator title	Number of samples collected for residue monitoring at export establishments.
Short definition	Samples taken from animal products for the purpose of monitoring residue to ensure compliance with the requirements of the importing countries.
Purpose/importance	To detect undesirable residues in order to enhance human health.

Source/collection of data	All samples taken will be reported on the sampling form as supplied by DAFF.
Method of calculation	Samples to be taken from the abattoirs indicated by DAFF.
Data limitations	Veterinary public health (VPH) official records.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly and Annually.
New indicator	No.
Desired performance	Higher to ensure that final product is free of residues.
Indicator responsibility	Director Veterinary Specialized Services.

Indicator title	Number of abattoirs registered
Short definition	These are slaughtering facilities in respect of which a registration certificate has been issued in terms of section 8 (1) and in respect of which a grading has been determined in terms of section 8 (2) of the Meat Safety Act (Act 40 of 2000). Includes re-registration of existing slaughter facilities.
Purpose/importance	To ensure compliance with the requirements of the Meat Safety Act (Act 40 of 2000). To ensure that meat is produced from registered facilities.
Source/collection of data	Registration Certificate
Method of calculation	Simple count
Data limitations	Demand Driven (Dependent on the applications)
Type of indicator	Output
Calculation type	Non-Cumulative
Reporting cycle	Annually
New indicator	New
Desired performance	Higher performance is desired (To ensure that meat is produced from registered facilities)
Indicator responsibility	Sub-Programme Manager

Indicator title	Number of public awareness campaigns - sessions held (info days, seminars, school visits)
Short definition	These refer to campaigns that are organized to inform the public about safe and healthy harvesting of meat, the danger of consuming unsafe meat and zoonotic diseases. Activities include presentations, lectures, video showing, discussions, and farmer's days. The campaigns are to be held at locations such as schools, community meetings, Clinics, Pension pay-points, farms. A session means one complete activity to one group of audience at a particular location.
Purpose/importance	Enhance meat safety awareness.
Source/collection of data	Veterinary public health (VPH) practitioner or VPH state veterinarian records.
Method of calculation	Each joint operation, school visit and abattoir workshop conducted are counted as one public awareness campaign.
Data limitations	The accuracy of the number of public awareness campaigns conducted depend on the reliability and thoroughness of the veterinary public health (VPH) practitioner or VPH state

	veterinarians' records kept at their offices, as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly and Annually.
New indicator	No.
Desired performance	Higher to create greater awareness.
Indicator responsibility	Director Veterinary Specialized Services.

Indicator title	Number of abattoir inspections conducted
Short definition	Number of abattoir inspections per year
Purpose/importance	To ensure that meat derived from abattoirs is safe and wholesome for human consumption.
Source/collection of data	Every abattoir inspection is followed by an inspection report done by the responsible veterinary public health (VPH) practitioner or VPH state veterinarian. This is reported to the provincial office.
Method of calculation	Each visit to abattoir is counted as one inspection, regardless as the number of times the abattoir is visited.
Data limitations	The accuracy of the number of abattoir inspections depend on the reliability of the veterinary public health (VPH) practitioner or VPH state veterinarians' records kept at their offices, as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly and annually.
New indicator	No.
Desired performance	Higher in cases of non-compliance or increase in the number of abattoirs. Lower where abattoirs have a sound hygiene management system and HAS in place.
Indicator responsibility	Deputy Director Veterinary Public Health

Indicator title	Number of contact sessions held with all role players (food control committees, abattoir workshop)
Short definition	Sessions organized by the sub-Programme for abattoir and industry role players to have proactive interaction. Contact sessions refer to meetings/workshops/discussion forums and similar activities held with role players to ensure that the food supplied to the consumer is safe for human consumption. Role players include municipalities (Environmental health units), food control committees, food retailers, stock theft unit, agriculture field service, Department of Health
Purpose/importance	To inform and empower all abattoir owners and industry with veterinary public health knowledge. Communicate and inform the abattoir owners and industry about latest changes and development in meat safety legislation.
Source/collection of data	Every abattoir information day is reported on by the responsible veterinary public health (VPH) official and is reported to the provincial office.
Method of calculation	Each abattoir information day is counted as one contact session.

Data limitations	Veterinary public health (VPH) official's records.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly and Annually.
New indicator	No.
Desired performance	Higher to ensure greater participation and interaction of all relevant stakeholders and role players.
Indicator responsibility	Director Veterinary Specialized Services.

Indicator title	Number of export establishments registered (HAR read meat & poultry abattoirs)
Short definition	Registration can either be a new registration or an annual re-registration of an establishment for exporting purposes. An export establishment refers to an establishment from which a commodity of animal origin is finally exported. Such an establishment has been registered nationally and has been issued a ZA registration number.
Purpose/importance	To ensure that all meat establishments that apply for export registration are inspected and recommended if the facility complies with the requirements.
Source/collection of data	Each facility inspection is followed by an inspection report done by responsible State Veterinarian or PEO and this is reported to the provincial office and DAFF.
Method of calculation	Each facility registered by DAFF for export will be counted as an export facility.
Data limitations	The accuracy of the number of export facility inspection conducted depends on the reliability of State Veterinarian or PEO records kept at their offices, as well as accuracy of capturing the data in reports.
Type of indicator	Output.
Calculation type	Cumulative.
Reporting cycle	Quarterly and Annually.
New indicator	No.
Desired performance	Higher to ensure that each applicant is compliant and registered.
Indicator responsibility	Director Veterinary Specialized Services.

4.3: Veterinary Laboratory Services

Transversal Indicators

Indicator title	Number of epidemiological units visited for veterinary interventions
Short definition	Epidemiological units include residential areas, villages, conservation areas, dip tanks, crush pens, farms, compartments, dams and establishments. Visits refer to visit by veterinary official or veterinary practitioner on behalf of the state. Veterinary interventions include advice, training, awareness, inspections, surveillance (epidemiology), detection, investigation, control, eradication, prevention, bio-security, primary animal health, animal welfare and effective animal census.
Purpose/importance	Improve animal production and health to contribute to rural development, public health, food security, animal production, economic development and export facilitation.
Source/collection of data	Report on the intervention carried out in the defined epidemiological unit (Report format will be prescribed by DAFF and agreed to by PDAs)
Method of calculation	Simple count of defined epidemiological units visited
Data limitations	Incomplete, inaccurate and fragmented data sources
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Yes
Desired performance	Higher Performance (Increased geographical coverage of epidemiological units)
Indicator responsibility	Sub-Programme manager

Indicator title	Number of tests performed the quality of which meets the ISO 17025 standard and OIE requirements
Short definition	Tests refer to any laboratory procedures performed on samples for diagnostic purposes. Tests will be counted only if the method was approved according to the ISO 17025 standard and OIE requirements.
Purpose/importance	To provide veterinary laboratory services of a national and international compliance
Source/collection of data	Test report
Method of calculation	Simple count
Data limitations	No proficiency testing scheme available for tests for certain diseases / conditions
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Modified
Desired performance	National and / or international recognition
Indicator responsibility	Sub-Programme manager

Provincial Indicators

Indicator title	Number of epidemiological studies conducted
Short definition	Epidemiology is the study of how often diseases occur in different groups of animals and why. Epidemiological information is used to plan and evaluate strategies to prevent diseases occurrence and as a guide to the management of animals in whom disease has already developed.
Purpose/importance	Improve animal production and health to contribute to rural development, public health, food security, animal production, economic development and export facilitation.
Source/collection of data	Each study conducted is followed by an epidemiological report written by the State Veterinarian Epidemiology and the report is submitted to DD VLS for reporting purposes
Method of calculation	Each case that has been studied or investigated will be counted as one
Data limitations	Disease pattern and occurrence will determine the need to conduct for epidemiological studies
Type of indicator	Output
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
New indicator	Yes
Desired performance	Higher Performance is desirable as it will imply better disease strategy prevention
Indicator responsibility	Sub-Programme manager

5.1. Research Services

Transversal Indicators

Indicator title	Number of research and technology development projects implemented to improve agricultural production
Short definition	Research and technology development projects refer to experimental or theoretical work undertaken to acquire knowledge that supports agricultural production which may give rise to technologies.
Purpose/importance	To address production constraints and challenges
Source/collection of data	Approved project proposal by research committees OR progress report OR final report
Method of calculation	Simple count
Data limitations	<ul style="list-style-type: none"> • Research is needs driven • Multi-year nature of research • Natural disasters
Type of indicator	Output
Calculation type	Non-Cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	Higher performance
Indicator responsibility	Programme Manager

Indicator title	Number of scientific papers published nationally or internationally
Short definition	Peer reviewed papers published by an accredited national or international scientific journal.
Purpose/importance	To contribute to knowledge and innovation, and to benchmark research nationally and internationally.
Source/collection of data	Copy of the published paper
Method of calculation	Simple count
Data limitations	Timeframe from submission to publication is outside the control of the department which negatively impacts on the ability to plan and target accurately
Type of indicator	Output
Calculation type	Non-Cumulative
Reporting cycle	Annually
New indicator	New
Desired performance	Higher performance is desirable
Indicator responsibility	Programme manager

Indicator title	Number of research presentations made nationally or internationally
Short definition	Scientific papers presented at scientific events and presentations made at technology transfer events.

Purpose/importance	To share research information to clients, peers and scientific community
Source/collection of data	Presentation Print Outs OR Programme Indicating the Name of the Presenter and Event OR Abstract from the Proceedings
Method of calculation	Simple Count
Data limitations	Cancellation of events
Type of indicator	Paper or presentation not accepted
Calculation type	Output
Reporting cycle	Cumulative
New indicator	Quarterly
Desired performance	No
Indicator responsibility	Higher performance is desired

Indicator title	Number of demonstration trials conducted
Short definition	Trials conducted to demonstrate the results of a technology (e.g. a new variety of maize including demonstration of a new recommendation of fertilizer, or ET resulting in a new progeny, stocking rates etc
Purpose/importance	The indicator assesses the extent to which adaptive research is being conducted.
Source/collection of data	Quarterly and annual progress reports
Method of calculation	Count of adaptive research trials conducted
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	The aim is to have a large number of adaptive research trials being conducted.
Indicator responsibility	Programme manager

Indicator title	Number of articles in popular media
Short definition	Articles published or broadcasted in the popular media
Purpose/importance	To reach-out to as many client base as possible
Source/collection of data	Farmer Magazines like Farmers Weekly, Agri-TV, Area popular radio stations including SA.
Method of calculation	Number of farmers adopting, accessing and adapting new technologies
Data limitations	Lack of funds to popularise the new technology
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Yes (NEW)
Desired performance	The aim is to ensure that farmers adopt new technologies to improve production and solve specific /problems/constraints.
Indicator	Programme manager /District Director

responsibility	
Indicator title	Number of new technologies developed
Short definition	Adoption of new technologies
Purpose/importance	The indicator will assess the level of human capital skills development, which in turn will indicate the level of technical development
Source/collection of data	Farmer surveys
Method of calculation	Number of farmers adopting new technologies
Data limitations	Over or under estimation of indicator measure due to sampling and human errors
Type of indicator	Outcome with focus on extent of new technology adoption
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	The aim is to ensure that farmers adopt new technologies to improve production
Indicator responsibility	Programme manager

Indicator title	Number of clients serviced with agricultural research and information systems
Short definition	Clients serviced with agricultural research information
Purpose/importance	To assess the extent to which clients have access to agricultural research information
Source/collection of data	Farmer information dissemination attendance registers
Method of calculation	Number of farmers accessing agricultural research information
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Yes
Desired performance	The aim is to ensure that all farmers are able to access agricultural research information
Indicator responsibility	Programme manager

Indicator title	Number of technology transfer events conducted
Short definition	Research technology transfer
Purpose/importance	To educate farmers and transfer technology in research
Source/collection of data	Reports
Method of calculation	Count of events done
Data limitations	Cost of events
Type of indicator	Outcome based
Calculation type	Implementation and APP period

Reporting cycle	Quarterly
New indicator	(No)
Desired performance	Large number of technology lack solved
Indicator responsibility	Programme Manager / Director

Indicator title	Number of breeding cattle stock introduced at research stations
Short definition	Cattles introduced for research purposes
Purpose/importance	The indicator assesses the extent to which adaptive research is being conducted.
Source/collection of data	Quarterly and annual progress reports
Method of calculation	Count of cattle 's introduced
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	The production of an adaptive species of cattle breeds
Indicator responsibility	Programme manager

Indicator title	Number of cattle production sets/nuclei (bull and heifer) dispatched from research stations to be supplied to livestock farms
Short definition	Cattles dispatched to farmers
Purpose/importance	The indicator assesses the extent to which adaptive research is being conducted.
Source/collection of data	Quarterly and annual progress reports
Method of calculation	Count of cattle 's dispatched
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	The production of an adaptive species of cattle breeds
Indicator responsibility	Programme manager

Indicator title	Number of breeding small-stock sheep (rams and ewes) introduced at research stations
Short definition	Introduction of other small breeds at the research station.
Purpose/importance	The indicator assesses the extent to which adaptive research is being conducted.
Source/collection of	Quarterly and annual progress reports

data	
Method of calculation	Count of sheep introduced
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	The production of an adaptive species of sheep breeds
Indicator responsibility	Programme manager

Indicator title	Number of breeding sheep small-stock/ nuclei (rams and ewes) dispatched from research stations to be supplied to livestock farms
Short definition	Sheep dispatched to farmers
Purpose/importance	The indicator assesses the extent to which adaptive research is being conducted.
Source/collection of data	Quarterly and annual progress reports
Method of calculation	Count of sheep dispatched
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	The production of an adaptive species of sheep breeds
Indicator responsibility	Programme manager

Indicator title	Number of breeding goats small-stock (buck and doe) introduced at research stations
Short definition	Breeding goats small-stock
Purpose/importance	The indicator assesses the extent to which adaptive research is being conducted.
Source/collection of data	Quarterly and annual progress reports
Method of calculation	Count of goats introduced
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	The production of an adaptive species of goats breeds
Indicator responsibility	Programme manager

Indicator title	Number of information packs disseminated
Short definition	Distribution of documents / information packs on various production and management aspects of crops, industrial crops, vegetables, veld, pastures, animals and aquaculture
Purpose/importance	For distribution to farmers and Extension Officers (EO's) to broaden their knowledge base
Source/collection of data	Information packs compiled and disseminated, which can include general information / production documents, papers presented at seminars, papers from scientific journals and from popular magazines
Method of calculation	Simple count
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	Farmers and EO's able to access agricultural research information
Indicator responsibility	Programme Manager / Sub-Programme Manager

Indicator title	Number of veld/ farm assessments conducted
Short definition	Veld / Pasture / Farm assessments conducted to evaluate the potential of resources on farms.
Purpose/importance	Veld / Pasture / Farm assessments conducted before Programme, project implementation (MESP, LIP etc.) and to determine changes over time.
Source/collection of data	Quarterly
Method of calculation	Count of adaptive assessments reports conducted
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Yes (New)
Desired performance	The aim is to conduct a large number of veld, pasture or farm assessments before the implementation of Programmes or projects (MESP, LIP etc.)
Indicator responsibility	Programme Manager

5.1. Information Services

Transversal Indicators

Indicator title	Number of hectares of agricultural land protected through guiding subdivision/ rezoning/ change of agricultural land use
Short definition	Interventions made on subdivision/rezoning/change of agricultural land use in accordance with Act 70 of 1970 and related legislation
Purpose/importance	To prevent and monitor fragmentation and loss of high

	potential/unique agricultural land.
Source/collection of data	Application, Recommendation and Reports (signed and dated)
Method of calculation	Count of hectares of agricultural land protected
Data limitations	Demand driven (depending on the number of applications received), Approval of the recommendations
Type of indicator	Input
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Reviewed
Desired performance	Higher performance
Indicator responsibility	Programme Manager

Provincial Indicators

Indicator title	Number of presentations made at technology transfer events
Short definition	Presentations made at technology transfer events (farmers days, information days, walk about, industry events, study groups, seminars etc.
Purpose/importance	To disseminate, transfer, diffuse with the ultimate goal of absorbing and adapting technology by receipts
Source/collection of data	Presentation print outs, Programme, attendance register if available
Method of calculation	Count of adaptive research trials conducted
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	To have a large number of recipients of technology reached and adapting technology to their situations
Indicator responsibility	Programme Manager

Indicator title	Number of information packs developed
Short definition	Research-based and technology development information packs developed/revised for the client base
Purpose/importance	Subject matter information packs developed and disseminated to clients
Source/collection of data	Copies of information packs according to subject matter
Method of calculation	Count of the number of information packs developed
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No

Desired performance	To ensure that there are information packs for every technology developed for the use by clients
Indicator responsibility	Programme Manager

Indicator title	Number of recommendations made on subdivision/ rezoning
Short definition	Recommendations made on subdivision of agricultural land use/resource investigations conducted
Purpose/importance	To manage the use of land
Source/collection of data	Report on recommendations
Method of calculation	Count of recommendations made
Data limitations	None
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	All recommendations addressed
Indicator responsibility	Programme Manager

Indicator title	Number of agricultural databases developed and functional
Short definition	Functional databases developed
Purpose/importance	Updating existing and develop new database for agriculture
Source/collection of data	Database
Method of calculation	Count of number of databases developed
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Functional databases yearly
Indicator responsibility	Programme Manager

Indicator title	Number of agricultural land protected
Short definition	Ensure protection of agricultural land
Purpose/importance	Alignment of developments to ensure protection of agricultural land
Source/collection of data	Mu
Method of calculation	Count of hectares of land protected
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly

New indicator	No
Desired performance	Protection of agricultural land through participatory sessions
Indicator responsibility	Programme Manager

Indicator title	Number of web services developed
Short definition	Web base information system
Purpose/importance	To provide access to information via the internet
Source/collection of data	GIS database
Method of calculation	Count of the number of web services
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Operational web applications per year
Indicator responsibility	Programme Manager

5.3.: Infrastructure Support Service

Transversal Indicators

Indicator title	Number of research infrastructure managed
Short definition	Research infrastructure refers to research farms and facilities made available for research and technology development.
Purpose/importance	To provide, develop and maintain research farm infrastructure for the line function to perform their research and other functions.
Source/collection of data	Expenditure Report / Monthly & Quarterly Reports / Title Deeds / Maintenance plan
Method of calculation	Simple Count
Data limitations	None
Type of indicator	Input
Calculation type	Non-Cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	As targeted
Indicator responsibility	Sub-Programme Manager

Indicator title	Number of new research infrastructure developed
Short definition	Research infrastructure refers to research farms and facilities made available for research and technology development.
Purpose/importance	To develop and provide new research farm infrastructure for the line function to perform their research and other functions.
Source/collection of data	Expenditure Report / Monthly & Quarterly Reports / Title Deeds / Maintenance plan

Method of calculation	Simple Count
Data limitations	None
Type of indicator	Input
Calculation type	Non-Cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	As targeted
Indicator responsibility	Sub-Programme Manager

6.1. Agricultural Business Development and Support

Transversal Indicators

Indicator title	Number of Agribusiness provided with agricultural economic services to access markets.
Short definition	Agri-businesses refer to agro-processing projects, farm businesses and cooperatives. Agricultural economic services refer to the development of functional marketing institutions and infrastructure, compliance training, general market training and facilitation of market agreements.
Purpose/importance	To assist farmers to market their produce in attaining the increased market access indicator currently in national outcome 7
Source/collection of data	Dated Invoices OR Receipts OR Contract OR Affidavit OR Compliance Certificate e.g. Global Gap OR Letter of Intent
Method of calculation	Simple count
Data limitations	Confidentiality of information
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Slightly changed
Desired performance	Higher performance is desired
Indicator responsibility	Programme Manager

Indicator title	Number of clients provided with agricultural economic advice.
Short definition	Clients supported with agricultural economics advice.
Purpose/importance	To assess the extent to which clients are supported with agricultural economics advice.
Source/collection of data	Quarterly progress reports
Method of calculation	Count of clients (farmers, agribusinesses and other stakeholders' interested parties) who are supported with agricultural economics advice.
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is to have an increase and

	maintain the number of clients supported with agricultural economics advice.
Indicator responsibility	Programme manager

Provincial Indicators

Indicator title	Number of agricultural economic studies conducted
Short definition	Agricultural economic studies conducted.
Purpose/importance	To provide farmers with economic information for sound decision making
Source/collection of data	Quarterly progress reports
Method of calculation	Count of the number of studies conducted.
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	No
Desired performance	The desired performance is to have all planned agricultural economics studies conducted.
Indicator responsibility	Programme manager

Indicator title	Number of new enterprise budgets developed.
Short definition	New enterprise budgets developed.
Purpose/importance	To assess the extent to which budgets are developed for new enterprises
Source/collection of data	Annual progress reports
Method of calculation	Count of new enterprise budgets that are developed.
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annual
New indicator	No
Desired performance	The desired performance is to have enterprise budgets developed for all new enterprises.
Indicator responsibility	Programme manager

Indicator title	Number of enterprise budgets updated
Short definition	Enterprise budgets updated
Purpose/importance	To ensure that enterprise budgets are responsive to current price changes
Source/collection of data	Annual progress reports
Method of calculation	Count of existing enterprise budgets that are updated.
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is to have all existing enterprise

	budgets updated.
Indicator responsibility	Programme manager

Indicator title	Number of cooperatives established and supported
Short definition	Cooperatives developed and functional
Purpose/importance	To promote sustainable functioning of cooperatives.
Source/collection of data	Quarterly and annual progress reports.
Method of calculation	Count cooperatives established and registered
Data limitations	The accuracy of the headcount depends on the availability of information
Type of indicator	Output
Calculation type	Cumulative – for the year
Reporting cycle	Annually
New indicator	Yes
Desired performance	The desired performance is an increase in the number of cooperatives participating in the economy through job creation, as well as sustainable agribusinesses.
Indicator responsibility	Programme manager

Indicator title	Number of business plans developed.
Short definition	Bankable Business plans developed.
Purpose/importance	For proper agribusiness planning and access to resources
Source/collection of data	Annual progress reports
Method of calculation	Count bankable business plan developed.
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is to have all existing enterprise budgets updated.
Indicator responsibility	Programme manager

Indicator title	Number of farmers linked to finance
Short definition	Farmers linked to finance.
Purpose/importance	To assist farmers to access financial resources
Source/collection of data	Monthly reports
Method of calculation	Count of number of farmers accessed finance
Data limitations	Confidentiality
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is to have all existing enterprise budgets updated.
Indicator responsibility	Programme manager

Indicator title	Number of cooperatives banks established
Short definition	Financial services cooperative to provide loan funding and savings facility to members
Purpose/importance	To assist members with credit and savings facilities
Source/collection of data	Confidential
Method of calculation	Cumulative
Data limitations	None
Type of indicator	Output
Calculation type	Cumulative- annually
Reporting cycle	quarterly
New indicator	New
Desired performance	The desired performance is to increase Cooperatives and individual farmers' access to finance in order participate in the main stream economy sustainability of agribusinesses
Indicator responsibility	Programme Manager

Indicator title	Number of Cooperatives projects linked to government nutrition Programme
Short definition	Cooperatives linked to government institutions to supply fresh produce (e.g. school nutrition)
Purpose/importance	Improve farmers access to markets & preferential procurement
Source/collection of data	Service Level Agreements between Cooperatives & the Government institution
Method of calculation	Simple count
Data limitations	Service level agreements are between external parties
Type of indicator	Output
Calculation type	Non cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	Increase participation of local cooperatives in the government nutrition Programmes
Indicator responsibility	Programme Manager

Indicator title	Number of strategic partnership projects facilitated
Short definition	Strategic partnership refer to partnership for markets/grower contracts, private investment
Purpose/importance	Increase security of market access or improve productivity
Source/collection of data	Service level agreements between farmers and investors/strategic partners
Method of calculation	Simple count
Data limitations	Depends on interest from potential investors and strategic partners
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	Increase access to market contracts and private investment

Indicator title	Mpumalanga Fresh Produce Markets established
Short definition	establishment of the Mpumalanga International Fresh Produce Market
Purpose/importance	Provide local producers with access to local and export market for fresh produce
Source/collection of data	Payment certificates, site meetings minutes and appointment letters, service level agreements with Service Providers
Method of calculation	Cumulative progress over time
Data limitations	The project is implement by MEGA in phases
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	Fully fledged fresh produce market established
Indicator responsibility	Programme Manager

6.2. Macro-Economics and support

Transversal Indicators

Indicator title	Number of agricultural economic information responses provided
Short definition	This information from existing sources provided to clients and it may include single figures, emails and datasets.
Purpose/importance	Information made available to evaluate progress with the implementation of priorities and to support planning and decision making
Source/collection of data	Request Database OR Copy of Response OR Client Contact Form OR Reports OR Commodity profiles
Method of calculation	Simple count
Data limitations	Availability and reliability of data
Type of indicator	Input
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Higher performance is desired
Indicator responsibility	Programme Manager

Indicator title	Number of economic reports compiled
Short definition	Reports adding value to existing macroeconomic and statistical information with the objective of supporting strategic planning and policy decision making in the sector to implement frameworks. This may include situational analysis, pamphlets, articles, presentations, scheduled publications (e.g. economic performance report).
Purpose/importance	Information made available to support strategic planning and policy decision making in the agricultural sector
Source/collection of data	Reports in which value is added to existing sources of information
Method of calculation	Simple Count
Data limitations	Availability and reliability of data

Type of indicator	Input
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Significantly Changed
Desired performance	Higher performance is desired
Indicator responsibility	Programme Manager

7.1. Further Education and Training

Transversal Indicators

Indicator title	Number of participants trained in agricultural skills development Programmes
Short definition	Participants may include subsistence, small holder and commercial producers and farm workers. Agricultural skills development Programmes may include empowerment, mentorships and partnerships, non-credit bearing and credit bearing training.
Purpose/importance	To contribute to empowerment and skills capacity of subsistence, small holder and commercial producers and farm workers.
Source/collection of data	Listing of participants and Attendance Registers
Method of calculation	Simple count
Data limitations	Based on the farmers turning up for training
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	Significantly Changed
Desired performance	Higher performance is desired
Indicator responsibility	Programme Manager

Provincial Indicators

Indicator title	Number of learners completing accredited skills Programmes.
Short definition	Learners completing accredited skills Programme (more than one Unit Standard and may take a week or more). Participants may include subsistence, small holder and commercial producers and farm workers.
Purpose/importance	To enhance/ increase the skill base in the agricultural sector.
Source/collection of data	Learner Database, Attendance Registers and Certificates of Attendance
Method of calculation	Count of farmers completing accredited training.
Data limitations	Based on the farmers turning up for training
Type of indicator	Output
Calculation type	Cumulative

Reporting cycle	Quarterly
New indicator	No
Desired performance	An increase number of knowledgeable and skilled farmers in the sector.
Indicator responsibility	Programme manager

Indicator title	Number of formal/accredited skills Programmes offered.
Short definition	Formal skills Programmes which are developed by FET and offered to learners. Programmes may be offered to subsistence, small holder and commercial producers and farm workers.
Purpose/importance	The indicator will show the trend in formal skills Programmes offered.
Source/collection of data	Soft copy Excel listing, Schedule of training Programmes to be offered
Method of calculation	Count of formal skills Programmes offered.
Data limitations	
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annual
New indicator	No
Desired performance	To increase the number of training skills Programme offered.
Indicator responsibility	Programme manager

Indicator title	Number of non-formal skills Programmes offered.
Short definition	Training Programmes offered; but not based on Unit Standards. This type of training addresses the immediate knowledge and skills required by the farmer(s) at their specific areas of operation.
Purpose/importance	To address specific knowledge and skills required by farmers at given time, which may not be Unit Standard based training.
Source/collection of data	Soft copy Excel listing of non-formal skills Programme, attendance registers on departmental letter heads at the Training Centre.
Method of calculation	Simple count
Data limitations	No limitations
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	An increase in the number of farmers benefiting from the training Programmes
Indicator responsibility	Programme manager

Indicator title	Number of Farm-Aids completing formal training.
Short definition	Learners completing accredited skills Programme (more than one Unit Standard and may take a week or more. Participants may include subsistence, small holder and commercial producers and farm workers.
Purpose/importance	To enhance/ increase the skill base in the agricultural sector.
Source/collection of data	Learner Database, Attendance Registers and Certificates of Attendance
Method of calculation	Simply count of farmers completing accredited training.
Data limitations	Based on the Farm-Aids turning up for training
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	The desired performance is an increase in the number of Farm-Aids participating and completing accredited training.
Indicator responsibility	Programme manager

Indicator title	Number of Farm-Aids attending non-formal training
Short definition	Training Programme offered; but not based on Unit Standards. This type of training addresses the immediate knowledge and skills required by the farmer(s) at their specific areas of operation.
Purpose/importance	To address specific knowledge and skills required by farmers at given time, which may not be Unit Standard based training.
Source/collection of data	Soft copy of Excel listing of non-formal training, attendance registers on departmental letter heads at the Training Centre.
Method of calculation	Simple count
Data limitations	Based on the Farm-Aids turning up for training
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	An increase in the number of farmer aids benefiting from skill development
Indicator responsibility	Programme Manager
Indicator title	Number of farmers completing accredited short courses
Short definition	Total number of learners declared competent in accredited short courses aligned to unit standards and outcomes e.g.

	Learners include farmers, farm-aids, extension officers, etc.
Purpose/importance	To contribute to empowerment and skills capacity of subsistence, small holder and commercial producers and farm workers
Source/collection of data	Soft copy Excel listing, attendance registers
Method of calculation	Simply count
Data limitations	Based on the farmers turning up for training
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	An increase the number of knowledgeable and skilled farmers in the sector.
Indicator responsibility	Programme Manager

8.1. Rural Development Planning and Monitoring

Indicator title	Number of Outcome 7 integrated provincial plan developed
Short definition	The provincial plan which covers the indicators in the Outcome 7 framework
Purpose/importance	The plan is to address triple challenges in rural areas (poverty, unemployment and inequality)
Source/collection of data	Data is collected from all sector departments within the province
Method of calculation	Number of plans developed
Data limitations	None
Type of indicator	Output
Calculation type	None Cumulative
Reporting cycle	Annual
New indicator	Yes
Desired performance	Quality and aligned plans
Indicator responsibility	Programme Manager

Indicator title	Number of strategic partnerships secured
Short definition	Strategic Partnerships secured to partner with rural communities and enterprises
Purpose/importance	To enable sustainability and empowerment of rural communities and enterprises
Source/collection of data	Projects reports
Method of calculation	Number of strategic partnerships secured (contract or report or minutes of the meeting where agreement was reached upon)
Data limitations	Some companies do not want to enter into formal contract agreement.
Type of indicator	Output

Calculation type	Non-Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Increased number of strategic partners working with rural communities
Indicator responsibility	Rural Development Coordinators

Indicator title	Number of companies investing in rural areas
Short definition	Companies secured to invest within rural
Purpose/importance	To accelerate development in the rural areas by injecting more financial investment from private sector
Source/collection of data	Projects reports
Method of calculation	Number of companies investing in rural areas (contract or report or minutes of the meeting where agreement or commitment was made)
Data limitations	Some companies do not want to enter into formal contract agreement.
Type of indicator	Output
Calculation type	Non-Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Increased number of investors in rural communities
Indicator responsibility	Rural Development Coordinators

Indicator title	Number of Outcome 7 reports compiled
Short definition	The provincial report which covers the work done in the rural areas as per Outcome 7 framework
Purpose/importance	The report is to give progress on the extent in which triple challenges in rural areas were addressed (poverty, unemployment and inequality)
Source/collection of data	Data is collected from all sector departments within the province who are part of outcome 7 implementation
Method of calculation	Number of reports developed
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	
New indicator	Annual
Desired performance	Yes
Indicator responsibility	Quality and verified report

Indicator title	Number of Rural Development Enterprises supported
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Short definition	Business Enterprises supported in the rural areas
Purpose/importance	To unearth and empower rural business enterprises
Source/collection of data	Projects progress reports
Method of calculation	Number of enterprises supported
Data limitations	None
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	
New indicator	Quarterly
Desired performance	Yes
Indicator responsibility	Increase the number of sustainable business enterprises in the rural areas

9.1. Environmental Policy, Planning & Coordination

Indicator title	Number of Legislative Tools Developed
Short definition	To facilitate environmental cooperative governance and promote sustainable development
Purpose/importance	Review reports
Source/collection of data	Simple count
Method of calculation	Depend on external processes and the reliability of data depends on the accuracy of the analysis done and records kept.
Data limitations	Output
Type of indicator	Cumulative
Calculation type	Annually
Reporting cycle	Yes
New indicator	Improved integration of environment issues (content) into sector tools
Desired performance	Programme Manager
Indicator responsibility	To facilitate environmental cooperative governance and promote sustainable development

Indicator title	Number of Intergovernmental Sector Tools Reviewed
Short definition	Number of inter-governmental sector tools (e.g. IDPs, PGDS, SDF) reviewed
Purpose/importance	To facilitate environmental cooperative governance and promote sustainable development
Source/collection of data	Review reports
Method of calculation	Simple count
Data limitations	Depend on external processes and the reliability of data depends on the accuracy of the analysis done and records kept.
Type of indicator	Output
Calculation type	Cumulative

Reporting cycle	Annually
New indicator	Yes
Desired performance	Improved integration of environment issues (content) into sector tools
Indicator responsibility	Programme Manager

Indicator title	Number of Climate Change Response Tools Developed
Short definition	Number of climate change response tools developed. This refers to interventions developed and implemented to respond to challenges and potential impacts of climate change.
Purpose/importance	To mitigate against climate change and adapt to the impact of climate change in order to build climate change resilience
Source/collection of data	Reports
Method of calculation	Simple count
Data limitations	Accuracy of information captured depends on reliability and availability of data
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annually
New indicator	Yes
Desired performance	Increased development and implementation of tools to improve resilience to climate change.
Indicator responsibility	Programme Manager

Indicator title	Percentage of implementation of the Local Government support Strategy
Short definition	To support the implementation of the DEA local Government Support Strategy at municipal level to promote environmental sustainability
Purpose/importance	To facilitate environmental cooperative governance and promote sustainable development
Source/collection of data	Implemented strategies
Method of calculation	Count: As and when developed and implemented
Data limitations	Accuracy depends on the quality of data
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Annually
New indicator	Yes
Desired performance	Improved integration of environment issues into local government Programmes
Indicator responsibility	Programme Manager

9.2. Environmental Monitoring Compliance and Enforcement

Transversal Indicators

Indicator title	Number of enforcement actions finalised for non-compliance with environmental management legislation
Short definition	All criminal action taken under national and provincial environmental legislation (<i>Finalized is when it has been handed over to DPP or it has been decided internally that the matter is concluded</i>).
Purpose/importance	Shows number of criminal cases being investigated. This shows us the trend in environmental crime. (<i>Expression of efficiency should be indicated as a percentage in the QPR narrative</i>)
Source/collection of data	From all provinces and national (refer to NCER statistics)
Method of calculation	From occurrence books (registers), investigation reports, data gathering forms, monthly reports and statistics
Data limitations	Lack of information systems
Type of indicator	Output
Calculation type	Non cumulative
Reporting cycle	Quarterly
New indicator	Has changed significantly
Desired performance	Demand driven: Neither higher nor lower
Indicator responsibility	Manager Compliance and Enforcement

Indicator title	Number of compliance inspections conducted
Short definition	Number of inspections conducted to assess compliance with the authorisations/permits issued
Purpose/importance	To indicate that monitoring of compliance is occurring
Source/collection of data	From all provinces and national (refer to RoDs and reporting template)
Method of calculation	From quarterly reports, investigating reports, and statistics
Data limitations	Lack of information systems
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	Neither higher nor lower
Indicator responsibility	Manager Compliance and Enforcement

Indicator title	Number of Joint partnership with external role players (SAPS, NPA, MUNICIPALITIES, SARS etc)
Short definition	All administrative actions taken under national environmental legislation (NEMA and SEMAs)
Purpose/importance	This shows us the trend in compliance promotion on external role players (<i>Expression of efficiency should be indicated as a percentage in the NECER</i>)
Source/collection of data	From all provinces and national (refer to NCER statistics)
Method of calculation	monthly reports and statistics

Data limitations	Lack of information systems
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
New indicator	New Indicator
Desired performance	Planned to conduct 5 Joint Partnership annually
Indicator responsibility	Manager Compliance and Enforcement

Indicator title	Number of 24g fines paid
Short definition	All fines paid on the section 24G application paid in terms of section 24G(2) of the National Environmental Management Act 107 of 1998, as amended.
Purpose/importance	Shows number of administrative fine paid for section 24G applications. This shows us the trend in environmental illegal commencement with EIA listed activities.
Source/collection of data	From all provinces and national (refer to QPR statistics)
Method of calculation	From minutes of the panel determining fines, fine directives and receipt from department after payment being made
Data limitations	Lack of information systems
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
New indicator	Has changed significantly
Desired performance	Demand driven: Neither higher nor lower
Indicator responsibility	Manager Compliance and Enforcement

Indicator title	Number of section 24G applications evaluated and authorized
Short definition	Number of S24G applications finalized. The number of rectification applications processed to completion
Purpose/importance	Indicates trend in S24G applications and efficiency in dealing with these issues
Source/collection of data	Occurrence books (registers), investigation reports, data gathering forms, monthly reports
Method of calculation	
Data limitations	Reliability of the register
Type of indicator	Output
Calculation type	Non-cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	Increasing finalisation of applications indicates efficiency of the administrative process.
Indicator responsibility	Senior Managers Compliance and Enforcement

Provincial Indicators

Indicator title	Number of joint operation awareness workshops conducted
Short definition	
Purpose/importance	To capacitate external role players on environmental legislative framework implementation
Source/collection of data	Joint operational reports, attendance registers, minutes, presentations by the province or local sphere of government
Method of calculation	Monthly reports
Data limitations	Lack of Information system
Type of indicator	Output
Calculation type	Non- Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	Increasing capacity building and effective implementation
Indicator responsibility	Manager Compliance and Enforcement

9.3: Environmental Impact Management**Transversal Indicators**

Indicator title	Percentage EIA applications finalized within legislated time frames
Short definition	Number of EIA applications finalised within legislated timeframes. It shows the number of environmental authorisation applications where final decisions are made to either issue environmental authorisation or refuse authorisation or withdraw the application or close the lapsed application in the reporting period within legislated timeframe
Purpose/importance	This indicator shows the efficiency and effectiveness of the consideration of EIA applications. It also indicates the level of capacity made available by the department in pursuit of sustainable development in the province
Source/collection of data	Environmental authorisation register (Record of EIA files)
Method of calculation	Count every EIA authorisation issued, every EIA authorisation refused every withdrawn EIA application and closed as well as every EIA application which lapsed and closed in the reporting period, within the legislated timeframe set for processing of an EIA application.
Data limitations	The reliability of the registers depends on the accuracy of the data captured
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	It is desired that all EIA applications received are finalised within legislated timeframes
Indicator responsibility	Deputy Director, Impact Management

Provincial Indicators

Indicator title	Number of Mine applications received and commented on
Short definition	It shows the number of mining applications received from the Department of Mineral Resources and commented on
Purpose/importance	This indicator shows the efficiency and effectiveness of the consideration of mining applications. It also indicates the level of capacity made available by the Department in pursuit of sustainable development in the province
Source/collection of data	Mining application register (Record of mining applications received)
Method of calculation	Count every mining application received
Data limitations	The reliability of the registers depend on the accuracy of the data captured
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	It is desired that all mining applications received are commented on.
Indicator responsibility	Deputy Director, Impact Management

Indicator title	Number of change of land and water use applications received and commented on
Short definition	It shows the number of land use applications received and commented on
Purpose/importance	This indicator shows the efficiency and effectiveness of the consideration of land use applications. It also indicates the level of capacity made available by the Department in pursuit of sustainable development in the province
Source/collection of data	Land use application register (Record of land use applications received)
Method of calculation	Count every land use application received
Data limitations	The reliability of the registers depend on the accuracy of the data captured
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	It is desired that all land use applications received are commented on.
Indicator responsibility	Deputy Director, Impact Management

9.4: Pollution and Waste Management

Transversal Indicators

Indicator title	Number of Climate Change responses developed
Short definition	This refers to interventions developed and implemented to respond to challenges and potential impacts of climate change. These include provincial climate change policies and Programmes, green-house gas mitigation responses, vulnerability and adaptation responses.
Purpose/importance	To mitigate against climate change and adapt to the impact of climate change in order to build climate change resilience
Source/collection of data	Reports and Draft tools
Method of calculation	Count: As and when developed and implemented
Data limitations	Accuracy of information captured depends on reliability and availability of data
Type of indicator	Output
Calculation type	Non cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	Development and implementation of tools to improve resilience to climate change.
Indicator responsibility	Director: Pollution and Waste Management

Indicator title	Number of designated organs of state with approved and implemented Air Quality Management Plans
Short definition	It shows the total number of designated organs of state that have approved and implemented Air Quality Management Plans and reviewed in line with the Air Quality Act requirements
Purpose/importance	It indicates the level of management effectiveness towards improved air quality
Source/collection of data	Record of the approved AQMP's that are implemented by designated organs of state
Method of calculation	Count the number of approved AQMP's that are implemented by designated organs of state
Data limitations	The accuracy of record-keeping
Type of indicator	Output
Calculation type	Non- cumulative
Reporting cycle	Annually
New indicator	Yes
Desired performance	If target is exceeded, it be indicative of increased resources and improved institutional linkages and capacity
Indicator responsibility	Director: Pollution and Waste Management

Indicator title	Percentage of atmospheric emission licenses with complete applications issued within legislated time-frames
Short definition	Atmospheric emission licenses issued within legislated timelines
Purpose/importance	Issuing AELs to facilities to ensure that all listed activities are operated legally.
Source/collection of	Atmospheric emission licences' register (Record of air emission

data	licences' files)
Method of calculation	Count every atmospheric emission licence issued, every atmospheric emission licence application refused, every withdrawn atmospheric emission licence application and closed as well as every atmospheric emission licence application which lapsed and closed in the reporting period within the legislated timeframe. In addition, for effectiveness and efficiency, express this as a percentage of the applications received and a percentage of the applications not finalised within the timeframe.
Data limitations	Data/information must be physically collected from all licensing authority, there is no electronic tracking in place, hence the reliability of the registers depends on the accuracy of the data captured..
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	It is desired that 100% of all atmospheric emission licence applications received with complete applications are issued within legislated timeframes pending the quality of submissions.
Indicator responsibility	Director: Pollution and Waste Management

Indicator title	Percentage of facilities with Atmospheric Emission License reporting to the National Atmospheric Emissions Inventory System
Short definition	To facilitate the reporting of emissions from listed activities, relevant data holders and government departments with a platform to report online both air pollutants and greenhouse gases emissions, towards the compilation of a national emissions inventory profile.
Purpose/importance	The NAEIS will provide a platform for the reporting of air pollutants and greenhouse gases nationally in a sustainable manner.
Source/collection of data	Facilities and Local Authorities
Method of calculation	Physically counting the stations
Data limitations	Reporting of facilities into NAEIS is largely depended on the finalization of the reporting regulations. The system is not running yet thus this indicator will be reported on by 2016/17
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annually
New indicator	Yes
Desired performance	100% of facilities with AELs reporting to the NAEIS
Indicator responsibility	Director: Pollution and Waste Management

Indicator title	Percentage of Waste License applications finalised within legislated timeframes
Short definition	Number of Waste Licenses issued within legislated time-frames. It shows the number of waste licence applications where final decisions are made to either issue the authorisation or refuse authorisation or withdraw the application or close the lapsed application in the reporting period within legislated timeframe

Purpose/importance	This indicator shows the efficiency and effectiveness of the consideration of waste licence applications. It also indicates the level of capacity made available by the department in pursuit of sustainable environmental management in the province
Source/collection of data	Waste licences' register (Record of waste licences' files)
Method of calculation	Count every waste licence issued, every waste application refused, every withdrawn waste licence application and closed as well as every waste licence application which lapsed and closed in the reporting period within the legislated timeframe.
Data limitations	The reliability of the registers depends on the accuracy of the data captured
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	It is desired that all waste licence applications received are finalised within legislated timeframes pending the quality of submissions.
Indicator responsibility	Deputy Director: Waste Management

Indicator title	Number of unlicensed landfill sites licensed
Short definition	Environmental and waste issues are considered in all developments which have the potential to cause a significant impact on the environment in an efficient and effective manner which supports sustainable development.
Purpose/importance	To ensure that all Municipal Waste Disposal Facilities are operated efficiently and compliant with environmental legislations
Source/collection of data	Waste licences' register (Record of waste licences' files)
Method of calculation	Count every waste licence issued, every waste application refused, every withdrawn waste licence application and closed as well as every waste licence application which lapsed and closed in the reporting period within the legislated timeframe.
Data limitations	Use of specialist studies and information that is not sufficient or relevant
Type of indicator	Output
Calculation type	Cumulative
Reporting cycle	Annually
New indicator	No
Desired performance	It is desired that 100% of Municipal Unlicensed Waste Disposal sites licensed. Mpumalanga has been assigned 06 Licenses for 2015/16
Indicator responsibility	Director: Pollution and Waste Management

Provincial Indicators

Indicator title	Number of Provincial Air Quality Management Plan (AQMP) finalised
Short definition	Number of designated organs of state with approved and implemented AQMP's. It shows the total number of designated organs of state that have approved and implemented Air Quality Management Plans and reviewed in line with the Air Quality Act requirements
Purpose/importance	It indicates the level of management effectiveness towards improved air quality

Source/collection of data	Record of the approved AQMP's that are implemented by designated organs of state
Method of calculation	Count the number of approved AQMP's that are implemented by designated organs of state
Data limitations	The accuracy of record-keeping
Type of indicator	Output
Calculation type	Non- cumulative
Reporting cycle	Annually
New indicator	Yes
Desired performance	If target is exceeded, it be indicative of increased resources and improved institutional linkages and capacity
Indicator responsibility	Director: Pollution

Indicator title	Number of integrated Waste Management evaluated
Short definition	Number of Provincial Integrated Waste Management Plan (IWMP's) implemented. It shows the total number of municipalities with approved and reviewed IWMPs that are in line with the Waste Act requirements
Purpose/importance	It indicates the level of management effectiveness towards attaining the goals and objectives of national waste management strategy (reduce, re-use, recycle)
Source/collection of data	Record (register) of the approved IWMP's that are implemented by municipalities
Method of calculation	Count the number of approved IWMP's that are implemented by municipalities.
Data limitations	The accuracy of record-keeping
Type of indicator	Output
Calculation type	Non- cumulative
Reporting cycle	Quarterly
New indicator	No
Desired performance	If target is exceeded, it be indicative of increased resources and improved institutional linkages and capacity
Indicator responsibility	Director: Pollution and Waste Management

Indicator title	Number of feasibility studies on the adoption of centralised waste sites conducted
Short definition	Number of feasibility studies on the adoption of centralised waste sites conducted. It shows the number of centralised waste management facilities which are aimed at reducing the number of landfill sites per municipality, which are often poorly managed.
Purpose/importance	This concept and or model of centralised waste management sites allows municipalities to invest in single waste management infrastructure that is well designed to allow for recycling facilities and long term waste to energy initiatives.
Source/collection of data	Waste management facilities database and inspection reports
Method of calculation	Count every waste management facility
Data limitations	The reliability of the registers depends on the accuracy of the data captured
Type of indicator	Output
Calculation type	Cumulative

Reporting cycle	Quarterly
New indicator	No
Desired performance	It is desired that all municipalities will adopt and implement this model
Indicator responsibility	Director: Pollution and Waste Management

9.5: Environmental Empowerment Services

Transversal Indicators

Indicator title	Number of work opportunities created through environmental Programmes
Short definition	Number of job opportunities created through environmental Programmes. This refers to formal and informal employment opportunities created through environmental Programmes and may include internship, volunteer Programmes, EPWP, CBNRM, recycling and buy-back centres, nurseries, etc)
Purpose/importance	To track job creation opportunities in the environment sector
Source/collection of data	Payroll, contract files, beneficiary data, EPWP quarterly reporting (Environment component of Environment and Culture Sector reports)
Method of calculation	Simple count
Data limitations	Possibility of providing a skewed picture when comparing figures to those required in terms of other reporting obligations eg EPWP, CBNRM, recycling and buy-back centres, nurseries, etc
Type of indicator	Outcome
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	No (with refined definition)
Desired performance	Increase in the number of job opportunities created
Indicator responsibility	Senior Manager Protected Areas Management

Indicator title	Number of environmental capacity building activities conducted
Short definition	Refers to the number of activities conducted by the department in order to build stakeholder capacity to implement environmental regulatory framework and/ or create work opportunities in environmental Programmes and / or improve municipal and community environmental capacity.
Purpose/importance	To build capacity of stakeholders, communities and municipalities on environmental regulatory framework and/or work opportunities in environmental Programmes and / or related environmental issues to improve municipal and community environmental capacity.
Source/collection of data	Attendance registers
Method of calculation	Activity count

Data limitations	Verification of data
Type of indicator	Output
Calculation type	Constant
Reporting cycle	Quarterly
New indicator	No (with refined definition)
Desired performance	Increase in the number of work opportunities created, increase in environmental capacity of civil society
Indicator responsibility	Senior Manager Environmental Empowerment

Indicator title	Number of quality environmental education resources developed
Short definition	Number of environmental awareness resources developed refers to the number of resources developed for awareness, education and capacity building in the environmental field that will contribute towards environmental empowering of all citizens.
Purpose/importance	To track environmental awareness efforts
Source/collection of data	Copies of resources developed
Method of calculation	Manual Count
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The more environmental resources developed, the more the general public will be informed about environmental issues
Indicator responsibility	Senior Manager Environmental Empowerment

Indicator title	Number of environmental calendar days celebrated
Short definition	Number of environmental commemorative days celebrated refers to the number of days celebrated for awareness, education and capacity building in the environmental field that will contribute towards environmental empowering of all citizens e.g. World Environment Day, Arbor Day, Wetlands and Grasslands day
Purpose/importance	To track environmental awareness efforts
Source/collection of data	Copies of attendance registers, Programme presented
Method of calculation	Manual Count
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative

Reporting cycle	Quarterly
New indicator	New
Desired performance	The more environmental days celebrated , the more the general public will be informed about environmental issues
Indicator responsibility	Senior Manager Environmental Empowerment

Indicator title	Number of environmental awareness activities conducted
Short definition	<p>Number of environmental awareness activities conducted refers to the number of activities (workshop, session, presentation in a community meeting) organized towards promoting awareness about the environment.</p> <p>For example, awareness workshops conducted in schools, communities, visits by students to environmental centre, distribution of pamphlets, celebration of environment commemorative days, exhibitions, clean-up campaigns, media campaigns, resources developed, greening or trees planted, schools registered for environmental Programmes etc.</p>
Purpose/importance	To track environmental awareness efforts
Source/collection of data	Attendance registers, tree planting registers, school registration forms
Method of calculation	Manual Count
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The more awareness activities are undertaken, the more the general public will be knowledgeable about environmental issues
Indicator responsibility	Senior Manager: Environmental Empowerment

Provincial Indicators

Indicator title	Number of clean up campaigns conducted
Short definition	Number of clean up campaigns conducted towards promoting awareness of a cleaner and healthier environment.
Purpose/importance	To track environmental awareness efforts
Source/collection of data	Copies of information session conducted, report and photographic evidence
Method of calculation	Manual Count

Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The more clean up campaigns conducted the increase in empowerment of civil society on the benefits of a cleaner and healthier environment
Indicator responsibility	Senior Manager Environmental Services

Indicator title	Number of environmental awareness workshops conducted
Short definition	<p>Number of environmental awareness activities conducted refers to the number of activities (workshop, session, presentation in a community meeting) organized towards promoting awareness about the environment.</p> <p>For example, awareness workshops conducted in schools, communities, visits by students to environmental centre, distribution of pamphlets, celebration of environment commemorative days, exhibitions, clean-up campaigns, media campaigns, resources developed, greening or trees planted, etc.</p>
Purpose/importance	To track environmental awareness efforts
Source/collection of data	Copies of resources developed and communication material distributed, attendance registers, evaluation forms and reports
Method of calculation	Manual Count
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The more awareness campaigns are undertaken, the more the general public will be knowledgeable about environmental issues
Indicator responsibility	Senior Manager: Social Ecology

Indicator title	Number of trees planted
Short definition	Number of trees planted refers to the number of indigenous and/ or fruit trees planted as part of the Greening Programmes to improve air quality, greening and poverty alleviation. Tree planting can be done at individual beneficiaries' dwellings or in support of other bigger events for awareness, education and capacity building in the environmental field that will contribute towards environmental empowering of all

	citizens.
Purpose/importance	To track environmental awareness efforts
Source/collection of data	Tree planting register, photographic evidence
Method of calculation	Manual Count
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The more trees planted , the more the general environment will improve and the general public will be informed about environmental issues
Indicator responsibility	Senior Manager Environmental Services

Indicator title	Number of schools registered for participation in environmental Programmes
Short definition	Number of schools refers to the number of schools (pre schools, primary schools and secondary schools) that will be register for participation in environmental Programmes. This will contribute towards environmental empowering of school pupils.
Purpose/importance	To track environmental awareness efforts
Source/collection of data	Copy of Programmes presented, copy of registration form.
Method of calculation	Manual Count
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The more schools registered for participation , more pupils will be informed about environmental issues and the more the general environment will improve.
Indicator responsibility	Senior Manager Environmental Services

Indicator title	Number of municipalities monitored for participation in Greenest Municipality Campaign (GMC)
Short definition	Number of local and metro municipalities that will be monitored for

	participation in GMC.
Purpose/importance	This will contribute towards environmental empowering of municipalities. It includes the evaluation of the winning municipalities in the province.
Source/collection of data	Monitoring forms and monitoring reports
Method of calculation	Manual Count
Data limitations	Inaccurate records and access to reliable data
Type of indicator	Outputs
Calculation type	Cumulative
Reporting cycle	Quarterly
New indicator	New
Desired performance	The more municipalities monitored, the more the environmental performance of municipalities will improve.
Indicator responsibility	Senior Manager Environmental Services

