

## **ANNEXURE E: DEFINITION OF PERFORMANCE INDICATORS**

## 1.1. Member of the Executive Council

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

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

### 1.2. Senior Management

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

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

### 1.3. Corporate Service

#### Labour relations

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

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

### Human Resource Services

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

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

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

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

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

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

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

### Government Information Technology Office

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

<b>New indicator</b>	Continues without change
<b>Desired performance</b>	Unqualified audit
<b>Indicator responsibility</b>	GITO

### Communications

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

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

**1.4. Financial Management**

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



## 2.1. Engineering Services

### Transversal Indicators

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

### Provincial Indicators

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

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

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

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

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

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

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

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

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

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

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

responsibility

## 2.2. LandCare Services

### Transversal Indicators

<b>Indicator title</b>	Number of hectares protected/ rehabilitated to improve agricultural production
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To minimise degradation and rehabilitate degraded land to improve agricultural production.
<b>Source/collection of data</b>	Final Report which may include Acknowledgement letter and/ or Maps and/ or Farm plans
<b>Method of calculation</b>	Count of hectares protected/ rehabilitated
<b>Data limitations</b>	Climate conditions, 3 <sup>rd</sup> party acknowledgment letters, Permits from other departments
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	Higher performance
<b>Indicator responsibility</b>	Programme manager

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

**Provincial Indicators**

<b>Indicator title</b>	Number of awareness campaigns conducted on LandCare
<b>Short definition</b>	Awareness creation on sustainable use of natural resources
<b>Purpose/importance</b>	To advise land users on management and conservation of natural resources
<b>Source/collection of data</b>	Attendance registers, reports, Programme
<b>Method of calculation</b>	Count the number of awareness campaigns conducted
<b>Data limitations</b>	None
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Monthly
<b>New indicator</b>	No
<b>Desired performance</b>	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)
<b>Indicator responsibility</b>	Programme manager

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

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

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

### 2.3. Land Use Management

#### Provincial Indicators

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

### 2.4. Disaster and Risk Management

#### Transversal Indicators

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

<b>Indicator title</b>	Number of disaster relief risk reduction Programmes managed
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To prevent and reduce agricultural disaster risks by minimizing vulnerabilities.
<b>Source/collection of</b>	Signed off and dated reports

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

### Provincial Indicators

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

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



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

### 3.1. Farmer Support and Development

#### Transversal Indicators

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

#### Provincial Indicators

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

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

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

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

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

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

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

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

### 3.2. Extension and Advisory Services

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

<b>Desired performance</b>	Higher
<b>Indicator responsibility</b>	Programme Manager

<b>Indicator title</b>	Number of agricultural demonstrations provided to farmers
<b>Short definition</b>	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).
<b>Purpose/importance</b>	To assess the extent to which on-farm demonstrations are conducted
<b>Source/collection of data</b>	Quarterly progress reports
<b>Method of calculation</b>	Count of on-farm demonstrations that are facilitated per year
<b>Data limitation</b>	None
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	The desired performance is an increase or a non-decrease in the number of on-farm demonstrations
<b>Indicator responsibility</b>	Municipality Manager

<b>Indicator title</b>	Number of farmer days held
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To assess the extent to which farmer days are organized
<b>Source/collection of data</b>	Quarterly progress reports
<b>Method of calculation</b>	Count of farmer days that are organized
<b>Data limitation</b>	None
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	The desired performance is an increase or a non-decrease in the number of farmer days organized

<b>Indicator responsibility</b>	Municipality Manager
<b>Indicator title</b>	Number of functional commodity groups supported
<b>Short definition</b>	Functional commodity groups provided with technical and administrative advice for functionalism
<b>Purpose/importance</b>	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.
<b>Source/collection of data</b>	Commodity groups survey report, progress reports
<b>Method of calculation</b>	Count of commodity groups that are functional or operational that are supported
<b>Data limitation</b>	Accuracy of commodity group survey report
<b>Type of indicator</b>	Outcome
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	The desired performance is an increase in the number of functional commodity groups that are supported
<b>Indicator responsibility</b>	Municipality Manager

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

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

### 3.3. Food Security

#### Transversal Indicators

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

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

### Provincial Indicators

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



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

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

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

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

<b>Indicator title</b>	Number of food security ME awareness campaigns held
<b>Short definition</b>	Number of food security ME awareness campaigns held
<b>Purpose/importance</b>	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.
<b>Source/collection of data</b>	Quarterly progress reports
<b>Method of calculation</b>	Count of food security campaigns held
<b>Data limitation</b>	None
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	The desired performance is to have an increase in food security awareness campaigns
<b>Indicator responsibility</b>	Programme manager

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

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

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

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

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

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

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

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

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

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

#### 4.1 Animal Health

##### Transversal Indicators

<b>Indicator title</b>	Number of epidemiological units visited for veterinary interventions
<b>Short definition</b>	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.
<b>Source/collection of data</b>	Improve animal production and health to contribute to rural development, public health, food security, animal production, economic development and export facilitation.
<b>Method of calculation</b>	Report on the intervention carried out in the defined epidemiological unit (Report format will be prescribed by DAFF and agreed to by PDAs)
<b>Data limitation</b>	Simple count of defined epidemiological units visited

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

<b>Indicator title</b>	Number of clients serviced for animal and animal products exports control
<b>Short definition</b>	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.
<b>Source/collection of data</b>	To enable access to export markets thereby stimulating economic growth and rural development
<b>Method of calculation</b>	Report on export facilitations (Report format will be prescribed by DAFF and agreed to by PDAs)
<b>Data limitation</b>	Simple count based on separate applicants except in the case of individual animal owners
<b>Type of indicator</b>	Based on available applications and inspection reports
<b>Calculation type</b>	Output
<b>Reporting cycle</b>	Cumulative
<b>New indicator</b>	Quarterly
<b>Desired performance</b>	Yes
<b>Indicator responsibility</b>	Higher Performance (Improve access to export markets)
	Programme manager

### Provincial Indicators

<b>Indicator title</b>	Number of animal vaccinations against controlled animal diseases
<b>Short definition</b>	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).
<b>Purpose/importance</b>	Vaccinations against the 18 diseases of economic importance
<b>Source/collection of data</b>	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.
<b>Method of calculation</b>	Each animal is counted every time it is vaccinated over the reporting year.

<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative over reporting year.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher performance is desirable since it will be an indication of higher levels of immunity and protection against infection with FMD virus.
<b>Indicator responsibility</b>	Director Animal Health

<b>Indicator title</b>	Number of primary animal health care (PAHC) interactions held
<b>Short definition</b>	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.
<b>Purpose/importance</b>	Educate clients
<b>Source/collection of data</b>	Extension records of veterinary nurses and clinical state veterinarians reported to provincial office.
<b>Method of calculation</b>	Each extension session counted only once.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative over the financial year.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher level indicating greater awareness and contributing to human and animal health.
<b>Indicator responsibility</b>	Director Veterinary Specialized Services

<b>Indicator title</b>	Number of official veterinary movement documents issued.
<b>Short definition</b>	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
<b>Purpose/importance</b>	Movement control of animals and animal products to prevent spread of disease.
<b>Source/collection of data</b>	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.
<b>Method of calculation</b>	Number of permits issued.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative over reporting year.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher performance is desirable since it will enhance traceability.
<b>Indicator responsibility</b>	Director Animal Health

<b>Indicator title</b>	Number of animals sampled/ tested for diseases surveillance purposes
<b>Short definition</b>	Animal inspections
<b>Purpose/importance</b>	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.
<b>Source/collection of data</b>	Inspection records and reports of dip tank assistants and animal health technicians reported to state veterinarians, district and provincial animal health office.
<b>Method of calculation</b>	Every animal is counted every time it is inspected.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher indicates good turnout for inspection, greater awareness, response to outbreaks, and more auctions.
<b>Indicator responsibility</b>	Director Animal Health

<b>Indicator title</b>	Number of animal inspections for regulatory purposes
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To establish the presence/absence/prevalence/spread of disease
<b>Source/collection of data</b>	Stock Register <i>OR</i> Daily Activity Reports
<b>Method of calculation</b>	Simple count of collection points
<b>Data limitations</b>	None
<b>Type of indicator</b>	Activity
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No

<b>Desired performance</b>	Higher performance is desired
<b>Indicator responsibility</b>	Sub-Programme Manager

<b>Indicator title</b>	Number of veterinary export certificates issued
<b>Short definition</b>	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.
<b>Purpose/importance</b>	Tracks the number of veterinary export certificates issued. To facilitate compliance to the export standards of the importing country
<b>Source/collection of data</b>	Copy of the certificate
<b>Method of calculation</b>	Simple count
<b>Data limitations</b>	Demand driven (Dependent on the economic and national disease status and the number of applications) Accuracy of the register Measures only legal exports
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	Higher performance is desired (Promote high revenue generation for the country)
<b>Indicator responsibility</b>	Sub-Programme Manager

<b>Indicator title</b>	Number of export establishments registered
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To ensure credibility of veterinary certification for export from such establishments in order to enhance international trade.
<b>Source/collection of data</b>	State Veterinarian records report to the district office and then consolidated by the province.
<b>Method of calculation</b>	Each establishment is counted upon registration during the reporting year.
<b>Data limitations</b>	The accuracy of the number of establishments registered depends on the reliability of veterinarian's records.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative over reporting year.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher compliant registration.
<b>Indicator</b>	Director Animal Health and Director Veterinary Specialized

<b>responsibility</b>	Services
<b>Indicator title</b>	Number of sheep treated for Sheep-scab
<b>Short definition</b>	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.
<b>Purpose/importance</b>	The treatment of infected flocks is essential to prevent spread of the disease and for animal welfare.
<b>Source/collection of data</b>	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.
<b>Method of calculation</b>	Each sheep is counted every time it is treated during the reporting year.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative over reporting year.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher performance is desirable since it will enhance control.
<b>Indicator responsibility</b>	Director Animal Health

<b>Indicator title</b>	Number of cattle dipped for external parasites control
<b>Short definition</b>	Number of cattle dipping for external parasites (ticks, mange and other external parasites).
<b>Purpose/importance</b>	Control of external parasites to prevent diseases, blood loss, tissue damage, irritation and to aid disease surveillance.
<b>Source/collection of data</b>	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.
<b>Method of calculation</b>	Each animal is counted every time it is dipped during the reporting year.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative over reporting year.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher performance is desirable to enhance animal health.
<b>Indicator responsibility</b>	Director Animal Health

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

**Clinical Services**

<b>Indicator title</b>	Number of primary animal health care (PAHC) interactions held ( Veterinary Clinical services )
<b>Short definition</b>	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.
<b>Purpose/importance</b>	Educate clients
<b>Source/collection of data</b>	Extension records of veterinary nurses and clinical state veterinarians reported to provincial office.
<b>Method of calculation</b>	Each extension session counted only once.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative over the financial year.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher level indicating greater awareness and contributing to human and animal health.
<b>Indicator responsibility</b>	Director Veterinary Specialized Services

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

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

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

#### 4.2. Veterinary Public health

##### Transversal Indicators

<b>Indicator title</b>	% level of abattoir compliance to meat safety legislation
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To measure the level of compliance to the Meat Safety Act by all abattoirs to promote meat safety and the safety of animal products
<b>Source/collection of data</b>	Register of abattoirs and Hygiene Assessment System (HAS) audit report, Rural inspection checklist
<b>Method of calculation</b>	Calculate the average Hygiene Assessment System (HAS) score
<b>Data limitations</b>	Uniform implementation of the Hygiene Assessment System
<b>Type of indicator</b>	Outcome
<b>Calculation type</b>	Non-Cumulative
<b>Reporting cycle</b>	Annually
<b>New indicator</b>	New
<b>Desired performance</b>	Higher performance
<b>Indicator responsibility</b>	Sub-Programme Manager

##### Provincial Indicators

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

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

<b>Indicator title</b>	Number of abattoirs registered
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To ensure compliance with the requirements of the Meat Safety Act (Act 40 of 2000). To ensure that meat is produced from registered facilities.
<b>Source/collection of data</b>	Registration Certificate
<b>Method of calculation</b>	Simple count
<b>Data limitations</b>	Demand Driven (Dependent on the applications)
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Non-Cumulative
<b>Reporting cycle</b>	Annually
<b>New indicator</b>	New
<b>Desired performance</b>	Higher performance is desired (To ensure that meat is produced from registered facilities)
<b>Indicator responsibility</b>	Sub-Programme Manager

<b>Indicator title</b>	Number of public awareness campaigns - sessions held (info days, seminars, school visits)
<b>Short definition</b>	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.
<b>Purpose/importance</b>	Enhance meat safety awareness.
<b>Source/collection of data</b>	Veterinary public health (VPH) practitioner or VPH state veterinarian records.
<b>Method of calculation</b>	Each joint operation, school visit and abattoir workshop conducted are counted as one public awareness campaign.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative.
<b>Reporting cycle</b>	Quarterly and Annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher to create greater awareness.
<b>Indicator responsibility</b>	Director Veterinary Specialized Services.

<b>Indicator title</b>	Number of abattoir inspections conducted
<b>Short definition</b>	Number of abattoir inspections per year
<b>Purpose/importance</b>	To ensure that meat derived from abattoirs is safe and wholesome for human consumption.
<b>Source/collection of data</b>	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.
<b>Method of calculation</b>	Each visit to abattoir is counted as one inspection, regardless as the number of times the abattoir is visited.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative.
<b>Reporting cycle</b>	Quarterly and annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	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.
<b>Indicator responsibility</b>	Deputy Director Veterinary Public Health

<b>Indicator title</b>	Number of contact sessions held with all role players (food control committees, abattoir workshop)
<b>Short definition</b>	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
<b>Purpose/importance</b>	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.
<b>Source/collection of data</b>	Every abattoir information day is reported on by the responsible veterinary public health (VPH) official and is reported to the provincial office.
<b>Method of calculation</b>	Each abattoir information day is counted as one contact session.



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

<b>Indicator title</b>	Number of export establishments registered (HAR read meat & poultry abattoirs)
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To ensure that all meat establishments that apply for export registration are inspected and recommended if the facility complies with the requirements.
<b>Source/collection of data</b>	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.
<b>Method of calculation</b>	Each facility registered by DAFF for export will be counted as an export facility.
<b>Data limitations</b>	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.
<b>Type of indicator</b>	Output.
<b>Calculation type</b>	Cumulative.
<b>Reporting cycle</b>	Quarterly and Annually.
<b>New indicator</b>	No.
<b>Desired performance</b>	Higher to ensure that each applicant is compliant and registered.
<b>Indicator responsibility</b>	Director Veterinary Specialized Services.

### 4.3: Veterinary Laboratory Services

#### Transversal Indicators

<b>Indicator title</b>	Number of epidemiological units visited for veterinary interventions
<b>Short definition</b>	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.
<b>Purpose/importance</b>	Improve animal production and health to contribute to rural development, public health, food security, animal production, economic development and export facilitation.
<b>Source/collection of data</b>	Report on the intervention carried out in the defined epidemiological unit (Report format will be prescribed by DAFF and agreed to by PDAs)
<b>Method of calculation</b>	Simple count of defined epidemiological units visited
<b>Data limitations</b>	Incomplete, inaccurate and fragmented data sources
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	Yes
<b>Desired performance</b>	Higher Performance (Increased geographical coverage of epidemiological units)
<b>Indicator responsibility</b>	Sub-Programme manager

<b>Indicator title</b>	Number of tests performed the quality of which meets the ISO 17025 standard and OIE requirements
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To provide veterinary laboratory services of a national and international compliance
<b>Source/collection of data</b>	Test report
<b>Method of calculation</b>	Simple count
<b>Data limitations</b>	No proficiency testing scheme available for tests for certain diseases / conditions
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	Modified
<b>Desired performance</b>	National and / or international recognition
<b>Indicator responsibility</b>	Sub-Programme manager

#### Provincial Indicators

<b>Indicator title</b>	Number of epidemiological studies conducted
<b>Short definition</b>	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.
<b>Purpose/importance</b>	Improve animal production and health to contribute to rural development, public health, food security, animal production, economic development and export facilitation.
<b>Source/collection of data</b>	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
<b>Method of calculation</b>	Each case that has been studied or investigated will be counted as one
<b>Data limitations</b>	Disease pattern and occurrence will determine the need to conduct for epidemiological studies
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Non-Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	Yes
<b>Desired performance</b>	Higher Performance is desirable as it will imply better disease strategy prevention
<b>Indicator responsibility</b>	Sub-Programme manager

## 5.1. Research Services

### Transversal Indicators

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

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

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

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

<b>Indicator title</b>	Number of demonstration trials conducted
<b>Short definition</b>	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
<b>Purpose/importance</b>	The indicator assesses the extent to which adaptive research is being conducted.
<b>Source/collection of data</b>	Quarterly and annual progress reports
<b>Method of calculation</b>	Count of adaptive research trials conducted
<b>Data limitations</b>	None
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Annual
<b>New indicator</b>	Yes
<b>Desired performance</b>	The aim is to have a large number of adaptive research trials being conducted.
<b>Indicator responsibility</b>	Programme manager

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

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

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

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

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

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

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

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

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

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

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



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

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

### 5.1. Information Services

#### Transversal Indicators

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

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

### Provincial Indicators

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

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

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

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

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

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

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

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

### 5.3.: Infrastructure Support Service

#### Transversal Indicators

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

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

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

### 6.1. Agricultural Business Development and Support

#### Transversal Indicators

<b>Indicator title</b>	Number of Agribusiness provided with agricultural economic services to access markets.
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To assist farmers to market their produce in attaining the increased market access indicator currently in national outcome 7
<b>Source/collection of data</b>	Dated Invoices OR Receipts OR Contract OR Affidavit OR Compliance Certificate e.g. Global Gap OR Letter of Intent
<b>Method of calculation</b>	Simple count
<b>Data limitations</b>	Confidentiality of information
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	Slightly changed
<b>Desired performance</b>	Higher performance is desired
<b>Indicator responsibility</b>	Programme Manager

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

	maintain the number of clients supported with agricultural economics advice.
<b>Indicator responsibility</b>	Programme manager

### Provincial Indicators

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

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

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

	budgets updated.
<b>Indicator responsibility</b>	Programme manager

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

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

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

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

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

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



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

## 6.2. Macro-Economics and support

### Transversal Indicators

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

<b>Indicator title</b>	Number of economic reports compiled
<b>Short definition</b>	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).
<b>Purpose/importance</b>	Information made available to support strategic planning and policy decision making in the agricultural sector
<b>Source/collection of data</b>	Reports in which value is added to existing sources of information
<b>Method of calculation</b>	Simple Count
<b>Data limitations</b>	Availability and reliability of data

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

### 7.1. Further Education and Training

#### Transversal Indicators

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

#### Provincial Indicators

<b>Indicator title</b>	Number of learners completing accredited skills Programmes.
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To enhance/ increase the skill base in the agricultural sector.
<b>Source/collection of data</b>	Learner Database, Attendance Registers and Certificates of Attendance
<b>Method of calculation</b>	Count of farmers completing accredited training.
<b>Data limitations</b>	Based on the farmers turning up for training
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative

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

<b>Indicator title</b>	Number of formal/accredited skills Programmes offered.
<b>Short definition</b>	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.
<b>Purpose/importance</b>	The indicator will show the trend in formal skills Programmes offered.
<b>Source/collection of data</b>	Soft copy Excel listing, Schedule of training Programmes to be offered
<b>Method of calculation</b>	Count of formal skills Programmes offered.
<b>Data limitations</b>	
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Non-cumulative
<b>Reporting cycle</b>	Annual
<b>New indicator</b>	No
<b>Desired performance</b>	To increase the number of training skills Programme offered.
<b>Indicator responsibility</b>	Programme manager

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

<b>Indicator title</b>	Number of Farm-Aids completing formal training.
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To enhance/ increase the skill base in the agricultural sector.
<b>Source/collection of data</b>	Learner Database, Attendance Registers and Certificates of Attendance
<b>Method of calculation</b>	Simply count of farmers completing accredited training.
<b>Data limitations</b>	Based on the Farm-Aids turning up for training
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	The desired performance is an increase in the number of Farm-Aids participating and completing accredited training.
<b>Indicator responsibility</b>	Programme manager

<b>Indicator title</b>	Number of Farm-Aids attending non-formal training
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To address specific knowledge and skills required by farmers at given time, which may not be Unit Standard based training.
<b>Source/collection of data</b>	Soft copy of Excel listing of non-formal training, attendance registers on departmental letter heads at the Training Centre.
<b>Method of calculation</b>	Simple count
<b>Data limitations</b>	Based on the Farm-Aids turning up for training
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	An increase in the number of farmer aids benefiting from skill development
<b>Indicator responsibility</b>	Programme Manager
<b>Indicator title</b>	Number of farmers completing accredited short courses
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To contribute to empowerment and skills capacity of subsistence, small holder and commercial producers and farm workers
<b>Source/collection of data</b>	Soft copy Excel listing, attendance registers
<b>Method of calculation</b>	Simply count
<b>Data limitations</b>	Based on the farmers turning up for training
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	An increase the number of knowledgeable and skilled farmers in the sector.
<b>Indicator responsibility</b>	Programme Manager

### 8.1. Rural Development Planning and Monitoring

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

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

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

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

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

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

### 9.1. Environmental Policy, Planning & Coordination

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

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

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

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

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



## 9.2. Environmental Monitoring Compliance and Enforcement

### Transversal Indicators

<b>Indicator title</b>	Number of enforcement actions finalised for non-compliance with environmental management legislation
<b>Short definition</b>	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> ).
<b>Purpose/importance</b>	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> )
<b>Source/collection of data</b>	From all provinces and national (refer to NCER statistics)
<b>Method of calculation</b>	From occurrence books (registers), investigation reports, data gathering forms, monthly reports and statistics
<b>Data limitations</b>	Lack of information systems
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Non cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	Has changed significantly
<b>Desired performance</b>	Demand driven: Neither higher nor lower
<b>Indicator responsibility</b>	Manager Compliance and Enforcement

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

<b>Indicator title</b>	Number of Joint partnership with external role players (SAPS, NPA, MUNICIPALITIES, SARS etc)
<b>Short definition</b>	All administrative actions taken under national environmental legislation (NEMA and SEMAs)
<b>Purpose/importance</b>	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> )
<b>Source/collection of data</b>	From all provinces and national (refer to NCER statistics)
<b>Method of calculation</b>	monthly reports and statistics

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

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

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

**Provincial Indicators**

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

**9.3: Environmental Impact Management****Transversal Indicators**

<b>Indicator title</b>	Percentage EIA applications finalized within legislated time frames
<b>Short definition</b>	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
<b>Purpose/importance</b>	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
<b>Source/collection of data</b>	Environmental authorisation register (Record of EIA files)
<b>Method of calculation</b>	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.
<b>Data limitations</b>	The reliability of the registers depends on the accuracy of the data captured
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	It is desired that all EIA applications received are finalised within legislated timeframes
<b>Indicator responsibility</b>	Deputy Director, Impact Management

**Provincial Indicators**

<b>Indicator title</b>	Number of Mine applications received and commented on
<b>Short definition</b>	It shows the number of mining applications received from the Department of Mineral Resources and commented on
<b>Purpose/importance</b>	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
<b>Source/collection of data</b>	Mining application register (Record of mining applications received)
<b>Method of calculation</b>	Count every mining application received
<b>Data limitations</b>	The reliability of the registers depend on the accuracy of the data captured
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	It is desired that all mining applications received are commented on.
<b>Indicator responsibility</b>	Deputy Director, Impact Management

<b>Indicator title</b>	Number of change of land and water use applications received and commented on
<b>Short definition</b>	It shows the number of land use applications received and commented on
<b>Purpose/importance</b>	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
<b>Source/collection of data</b>	Land use application register (Record of land use applications received)
<b>Method of calculation</b>	Count every land use application received
<b>Data limitations</b>	The reliability of the registers depend on the accuracy of the data captured
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	It is desired that all land use applications received are commented on.
<b>Indicator responsibility</b>	Deputy Director, Impact Management

### 9.4: Pollution and Waste Management

#### Transversal Indicators

<b>Indicator title</b>	Number of Climate Change responses developed
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To mitigate against climate change and adapt to the impact of climate change in order to build climate change resilience
<b>Source/collection of data</b>	Reports and Draft tools
<b>Method of calculation</b>	Count: As and when developed and implemented
<b>Data limitations</b>	Accuracy of information captured depends on reliability and availability of data
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Non cumulative
<b>Reporting cycle</b>	Annually
<b>New indicator</b>	No
<b>Desired performance</b>	Development and implementation of tools to improve resilience to climate change.
<b>Indicator responsibility</b>	Director: Pollution and Waste Management

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

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

<b>data</b>	licences' files)
<b>Method of calculation</b>	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.
<b>Data limitations</b>	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..
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	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.
<b>Indicator responsibility</b>	Director: Pollution and Waste Management

<b>Indicator title</b>	Percentage of facilities with Atmospheric Emission License reporting to the National Atmospheric Emissions Inventory System
<b>Short definition</b>	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.
<b>Purpose/importance</b>	The NAEIS will provide a platform for the reporting of air pollutants and greenhouse gases nationally in a sustainable manner.
<b>Source/collection of data</b>	Facilities and Local Authorities
<b>Method of calculation</b>	Physically counting the stations
<b>Data limitations</b>	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
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Annually
<b>New indicator</b>	Yes
<b>Desired performance</b>	100% of facilities with AELs reporting to the NAEIS
<b>Indicator responsibility</b>	Director: Pollution and Waste Management

<b>Indicator title</b>	Percentage of Waste License applications finalised within legislated timeframes
<b>Short definition</b>	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

<b>Purpose/importance</b>	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
<b>Source/collection of data</b>	Waste licences' register (Record of waste licences' files)
<b>Method of calculation</b>	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.
<b>Data limitations</b>	The reliability of the registers depends on the accuracy of the data captured
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No
<b>Desired performance</b>	It is desired that all waste licence applications received are finalised within legislated timeframes pending the quality of submissions.
<b>Indicator responsibility</b>	Deputy Director: Waste Management

<b>Indicator title</b>	Number of unlicensed landfill sites licensed
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To ensure that all Municipal Waste Disposal Facilities are operated efficiently and compliant with environmental legislations
<b>Source/collection of data</b>	Waste licences' register (Record of waste licences' files)
<b>Method of calculation</b>	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.
<b>Data limitations</b>	Use of specialist studies and information that is not sufficient or relevant
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Annually
<b>New indicator</b>	No
<b>Desired performance</b>	It is desired that 100% of Municipal Unlicensed Waste Disposal sites licensed. Mpumalanga has been assigned 06 Licenses for 2015/16
<b>Indicator responsibility</b>	Director: Pollution and Waste Management

### Provincial Indicators

<b>Indicator title</b>	Number of Provincial Air Quality Management Plan (AQMP) finalised
<b>Short definition</b>	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
<b>Purpose/importance</b>	It indicates the level of management effectiveness towards improved air quality

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

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

<b>Indicator title</b>	Number of feasibility studies on the adoption of centralised waste sites conducted
<b>Short definition</b>	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.
<b>Purpose/importance</b>	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.
<b>Source/collection of data</b>	Waste management facilities database and inspection reports
<b>Method of calculation</b>	Count every waste management facility
<b>Data limitations</b>	The reliability of the registers depends on the accuracy of the data captured
<b>Type of indicator</b>	Output
<b>Calculation type</b>	Cumulative



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

### 9.5: Environmental Empowerment Services

#### Transversal Indicators

<b>Indicator title</b>	Number of work opportunities created through environmental Programmes
<b>Short definition</b>	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)
<b>Purpose/importance</b>	To track job creation opportunities in the environment sector
<b>Source/collection of data</b>	Payroll, contract files, beneficiary data, EPWP quarterly reporting (Environment component of Environment and Culture Sector reports)
<b>Method of calculation</b>	Simple count
<b>Data limitations</b>	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
<b>Type of indicator</b>	Outcome
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	No (with refined definition)
<b>Desired performance</b>	Increase in the number of job opportunities created
<b>Indicator responsibility</b>	Senior Manager Protected Areas Management

<b>Indicator title</b>	Number of environmental capacity building activities conducted
<b>Short definition</b>	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.
<b>Purpose/importance</b>	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.
<b>Source/collection of data</b>	Attendance registers
<b>Method of calculation</b>	Activity count

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

<b>Indicator title</b>	Number of quality environmental education resources developed
<b>Short definition</b>	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.
<b>Purpose/importance</b>	To track environmental awareness efforts
<b>Source/collection of data</b>	Copies of resources developed
<b>Method of calculation</b>	Manual Count
<b>Data limitations</b>	Inaccurate records and access to reliable data
<b>Type of indicator</b>	Outputs
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	New
<b>Desired performance</b>	The more environmental resources developed, the more the general public will be informed about environmental issues
<b>Indicator responsibility</b>	Senior Manager Environmental Empowerment

<b>Indicator title</b>	Number of environmental calendar days celebrated
<b>Short definition</b>	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
<b>Purpose/importance</b>	To track environmental awareness efforts
<b>Source/collection of data</b>	Copies of attendance registers, Programme presented
<b>Method of calculation</b>	Manual Count
<b>Data limitations</b>	Inaccurate records and access to reliable data
<b>Type of indicator</b>	Outputs
<b>Calculation type</b>	Cumulative

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

<b>Indicator title</b>	Number of environmental awareness activities conducted
<b>Short definition</b>	<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>
<b>Purpose/importance</b>	To track environmental awareness efforts
<b>Source/collection of data</b>	Attendance registers, tree planting registers, school registration forms
<b>Method of calculation</b>	Manual Count
<b>Data limitations</b>	Inaccurate records and access to reliable data
<b>Type of indicator</b>	Outputs
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	New
<b>Desired performance</b>	The more awareness activities are undertaken, the more the general public will be knowledgeable about environmental issues
<b>Indicator responsibility</b>	Senior Manager: Environmental Empowerment

### Provincial Indicators

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

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

<b>Indicator title</b>	Number of environmental awareness workshops conducted
<b>Short definition</b>	<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>
<b>Purpose/importance</b>	To track environmental awareness efforts
<b>Source/collection of data</b>	Copies of resources developed and communication material distributed, attendance registers, evaluation forms and reports
<b>Method of calculation</b>	Manual Count
<b>Data limitations</b>	Inaccurate records and access to reliable data
<b>Type of indicator</b>	Outputs
<b>Calculation type</b>	Cumulative
<b>Reporting cycle</b>	Quarterly
<b>New indicator</b>	New
<b>Desired performance</b>	The more awareness campaigns are undertaken, the more the general public will be knowledgeable about environmental issues
<b>Indicator responsibility</b>	Senior Manager: Social Ecology

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

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

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

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

