

**GAUTENG DEPARTMENT OF
EDUCATION**

INFRASTRUCTURE PLAN

FINAL DRAFT FOR 2010/2011

MARCH 2010

TABLE OF CONTENTS

SECTION 1:	EXECUTIVE SUMMARY	4
SECTION 2:	INTRODUCTION	8
2.1	Background	8
2.1.2	<i>A variety of needs</i>	12
2.2	Infrastructure Ownership, Legislation and Stakeholders	13
2.2.1	<i>Ownership</i>	13
2.2.2	<i>Legislation</i>	13
2.2.3	<i>Stakeholders</i>	14
2.2.4	<i>Organisational Structure</i>	15
2.3	Plan Framework	15
2.4	Planning Approach and Methodology	16
2.4.1	<i>Data collection and needs analysis:</i>	17
2.4.2	<i>Source documents used in the compilation of this Infrastructure Plan are:</i>	17
2.5	Programme Management:	18
2.5.1	<i>Identification of Priorities</i>	18
2.5.2	<i>Implementation Instructions and Processes:</i>	19
2.6	Budget Process:	19
SECTION 3:	LEVEL OF SERVICE	20
3.1	Learner: Teacher (Classroom) Ratios	20
3.2	Sanitation	20
3.3	Building Material	20
3.4	Development of Norms and Standards	21
SECTION 4:	DEMAND OR NEED DETERMINATION	22
4.1	Demand Forecast	22
4.1.1	<i>Utilisation of NEIMS in determining demand for classrooms</i>	25
4.2	Provision of schools in new township/housing developments	27
4.3	Special curriculum related requirements	28
4.4	Grade R	28
4.5	Schools for Learners with Special Education Needs (LSEN Schools)	28
4.6	Prioritisation of infrastructure requirements	28
4.7	Non-infrastructure requirements	28
4.8	Options Analysis	28
SECTION 5:	EXISTING INFRASTRUCTURE	30
5.1	Life-cycle Asset Management	30
5.2	NEIMS	30
5.3	Valuations	31
5.4	Historical Data	31
SECTION 6:	ASSET MANAGEMENT – INFRASTRUCTURE	33
6.1	Routine Maintenance Plan	33
6.2	Maintenance allowances for Section 21 Schools	33
6.3	Training and involvement of school communities	33
6.4	Reactive Emergency Maintenance	33
6.5	Renewal / Replacement Plan	34
6.6	Creation / Acquisition Plan	34
6.7	Disposal Plan	35
6.8	Construction and Management Plan (EPWP)	35
SECTION 7:	FINANCIAL SUMMARY	37
7.1	Financial Statements and Projections	37

7.2	Funding Strategy	37
7.3	Valuation Forecasts	37
7.4	What Are the Key Assumption Made in Financial Forecasts?	37
SECTION 8: ORGANISATION AND SUPPORT PLAN		39
<hr/>		
8.1	Organisational Structure and Human Resources	39
	8.1.1 <i>Organisational Structure</i>	39
	8.1.2 <i>Human Resources</i>	39
8.2	Financial	39
8.3	Systems and Processes	39
	8.3.1 <i>Accounting/Financial Systems</i>	39
	8.3.2 <i>Infrastructure Management Systems</i>	40
	8.3.3 <i>Data</i>	40
	8.3.4 <i>Information Flow Requirements and Processes</i>	40
	8.3.5 <i>Standards and Guidelines</i>	40
	8.3.6 <i>Skills development plans</i>	41
SECTION 9: PLAN IMPROVEMENT AND MONITORING		42
<hr/>		
	9.1 Performance Measures	42
	9.3 Monitoring and Review Procedures	44
4.	SECTION 10	46
<hr/>		



SECTION 1: EXECUTIVE SUMMARY

In this final version of the Gauteng Department of Education's Infrastructure Plan for 2010/11 the assessment comments made by both National Treasury and the Department of Basic Education have been noted and taken into consideration. The Infrastructure Plan has been amended accordingly where possible and where it was not possible an indication of how this will be dealt with in the next Infrastructure Plan/ User Asset Management Plan is given in Section 9 of this Infrastructure Plan.

The provisioning of physical infrastructure in the Gauteng Department of Education is characterised by challenges both in terms of:

- the provisioning of new infrastructure as well as
- the upkeep of the existing infrastructure.

This infrastructure plan therefore seeks to provide both the strategic vision and the operational framework to ensure that the provision of physical infrastructure required for the **delivery of schooling** in the Gauteng Province **is cost effective and appropriate**.

The plan deals with both the provisioning of new infrastructure as well as the maintenance, rehabilitation and upgrading of existing infrastructure.

The purpose of the plan is to serve as a management tool and a document providing the long term vision:

- describing,
- motivating and
- summarizing the short, medium and long term needs and intentions of the Department

in respect of infrastructure provisioning for the years ahead. This includes an indication of the budgetary implications.

It highlights the need for closer interaction between the physical and financial management of the Department's infrastructure programme, as well as the need for appropriate capacity building. It illustrates the extent to which current needs exceeds the currently available resources.

In various ways, this Infrastructure Plan and its current format can be seen as one of the outputs of National Treasury's national Infrastructure Delivery Improvement Programme (IDIP). As entrenched in DORA the format of the plan is in line with the template provided in the Infrastructure Delivery Improvement Programme (IDIP) Toolkit. For various reasons as in previous infrastructure plans, this current (2009) version of the plan should be seen as a plan still "under construction".

This Infrastructure Plan is relevant for 15 District Offices and 1970 schools. District Offices and specialist facilities are integral in the provision of quality teaching and learning and are thus also included in this Infrastructure Plan.

The National Education Infrastructure Management System (NEIMS), developed under the auspices of the national Department of Education (DoE), is currently providing certain information which is still subject to verification. It is envisaged that this system will in due course provide the basis (database inputs) for the development of a comprehensive life-cycle infrastructure asset management and maintenance system/programme for the effective management and maintenance of

schools infrastructure in the province on a sustainable basis. This aspect is currently being addressed by and on behalf of GDE and others under the IDIP programme.

Priorities are determined in terms of National and Provincial policy guidelines, combined with the analysis and consideration of Education District information and community needs. These include addressing the needs of the poorest of the poor, which also requires that attention is given to schools classified in Quintile 1,2 and 3. These schools have been classified as no-fee schools, and thus the full responsibility of maintenance and development becomes a State responsibility.

The budget process is informed by Treasury requirements, but in addition, due to the fact that maintenance has been neglected for a significant number of years, a decision was taken on a budget split to ensure that a maintenance programme is initiated without further delay, through making specific provision in the budget for maintenance. The intention is in future to utilize 60% of the available budget for new construction [including additions to existing schools] and 40% for maintenance. As far as possible, the allocated Equitable Share should be utilized for new construction, whilst the Conditional Grant be used for maintenance and rehabilitation. As in previous infrastructure plans this current (2009) Infrastructure Plan clearly illustrates that limited financial resources (MTEF allocations 2009/2010 and beyond) prohibits the achievement of the above percentage split for some years to come.

As indicated before, this Infrastructure Plan must be seen as still “under construction” and subject to ongoing adjustment and refinement as new and better information and technological capacity within the newly restructured Directorate: Facilities Management becomes available.

A new organogram has been approved. This organogram makes provision for the human resources required to effectively deliver infrastructure as per IDIP requirements. Posts must however still be filled.



ABBREVIATIONS

ABET	Adult Basic Education and Training
AWP	Annual Work Plan
BAS	Basic Accounting System
CIDB	Construction Industries Development Board
DBSA	Development Bank of Southern Africa
DACE	Department of Agriculture, Conservation and Environment
DFM	Directorate: Facilities Management (see also FMD)
DOE	Department of Education
DORA	Division of Revenue Act
DID	Department of Infrastructure Development
DPW	Department of Public Works
DWAF	Department of Water Affairs and Forestry
ECD	Early Childhood Development
EMIS	Education Management Information System
FET	Further Education and Training
FMD	Facilities Management Directorate (see also DFM)
GDE	Gauteng Department of Education
GET	General Education and Training
GIS	Geographic Information System
GSSC	Gauteng Shared Services Centre
IA	Implementing Agent
IDIP	Infrastructure Delivery Improvement Programme
IDT	Independent Development Trust
IMQS	Infrastructure Management Query Station
IRM	Infrastructure Reporting Model
IYI	In-Year Interventions
LSEN	Learners with Special Educational Needs
MEC	Member of the Executive Council

M&E	Monitoring and Evaluation
MTEF	Medium-Term Expenditure Framework
NEIMS	National Education Infrastructure Management System
OHSA	Occupational Health and Safety Act
O&S	Organisation and Support
PFMA	Public Finance Management Act
PGDS	Provincial Growth and Development Strategy
SCM	Supply Chain Management
SDA	Service Delivery Agreement
SETA	Sectoral Education and Training Authority
U-AMP	User Asset Management Plan



SECTION 2: INTRODUCTION

In this final version of the Gauteng Department of Education's Infrastructure Plan for 2010/11 the assessment comments made by both National Treasury and the Department of Basic Education have been noted and taken into consideration. The Infrastructure Plan has been amended accordingly where possible and where it was not possible an indication of how this will be dealt with in the next Infrastructure Plan/ User Asset Management Plan is given in Section 9 of this Infrastructure Plan.

The provisioning of physical infrastructure in the Gauteng Department of Education is characterised by challenges both in terms of the provisioning of new infrastructure as well as the upkeep of the existing infrastructure. This infrastructure plan therefore seeks to provide both the strategic vision and the operational framework to ensure that the provision of physical infrastructure required for the delivery of schooling in the Gauteng Province is cost effective and appropriate.

The plan deals with both the provisioning of new infrastructure as well as the maintenance, rehabilitation and upgrading of existing infrastructure. In addition, the plan deals with the need for and utilization of the infrastructure, as well as with the changing situation in respect of this need and utilization.

This Infrastructure Plan provides a model for dealing with backlogs, addressing needs for new infrastructure as well as maintaining, restoring and upgrading existing buildings. The plan deals with accommodation related physical infrastructure facilities needs of schools and other educational institutions falling under the jurisdiction of the Gauteng Department of Education. It also includes the accommodation needs of the 15 District Offices of the Department, as well as facilities which allow for on-going Teacher Development programmes.

2.1 Background

The purpose of the plan is to serve as a management tool and information document, describing, motivating and summarizing the short, medium and long term needs and intentions of the Department in respect of infrastructure provisioning for the years ahead. This includes an indication of the budgetary implications. The format of the plan is in line with the guidelines provided by Provincial and National Treasury and as encompassed in Template 2T01 of the Infrastructure Delivery Improvement Programme (IDIP) Toolkit (version 4-0).

The provision of infrastructure is not a goal or an end in itself. It is merely a means to an end. Infrastructure is needed for the delivery of schooling in the province and it should be dealt with in line with the policies and related guidelines and priorities of both National and Provincial Government. To a considerable extent, these should be encompassed in the Strategic Plan of the Department (GDE). However, it is also important to consider the overarching national and provincial priorities.

2.1.1 Overarching policy guidelines

2.1.1.1 National and Provincial Policies

In line with National Government's Plan of Action, ASGISA and other policy guidelines, the Provincial Growth and Development Strategy (PGDS) for Gauteng include the following strategic objectives:

- Provision of social and economic infrastructure and services that will build sustainable communities;

- Accelerated, labour absorbing economic growth that increases per annum and that will create long-term sustainable jobs and contribute to halving unemployment;
- Sustainable development; and
- Enhanced government efficiency and cooperative governance.

2.1.1.2 The GDE's Strategic Plan

The *vision and mission* of the Department is:

Vision

Ensuring every learner in Gauteng does well at school and leaves our institutions with the knowledge, skills and qualifications that will give them the best chance of success in adult life.

Mission

To ensure quality learning and teaching take place in the classroom every day.

Strategic priorities;

To address the current state of education in the province, we have identified four key priorities to address the manifesto commitments and provincial educational challenges. The four priorities are:

1. Ensuring that Gauteng has effective schools and learning institutions.
2. GDE head office and districts - Providing relevant, coordinated and effective support.
3. Enabling young people to make the transition from school to further education and or work that provides further training opportunities.
4. Strengthen partnerships with all stakeholders, resulting in education becoming a societal priority.

Strategic goals and objectives:

In order to address the above-mentioned four strategic priorities, 18 strategic objectives have been developed of which Strategic Goal 8 is directly linked is infrastructure delivery:

Strategic Goal One: Ensuring that Gauteng has effective schools and learning institutions

Strategic Objective 1: Strengthening school management and institutional capacity to ensure all teachers to be in school, in class, on time, teaching with the required textbooks.

Strategic Objective 2: Focus on efforts to improve the quality and sustainability of ECD and primary schooling including early identification and intervention for learners with special needs.

Strategic Objective 3: The conducting of external tests for grades 3, 6, 9 and 12 based on national and provincial targets to improve learner performance. The results need to be shared with parents and remedial action planned for those that need it.

Strategic Objective 4: To conduct teacher evaluation more effectively to ensure quality learning and teaching.

Strategic Objective 5: To promote recruitment of quality teachers and to strengthen teacher development.

Strategic Goal Two: GDE head office and districts - Providing relevant, coordinated and effective support

Strategic Objective 6: Determine common guidelines for the role and function of districts. Strengthening their management and leadership capacity to support quality education in schools.

Strategic Objective 7: Expand the combating of poverty combating measures that improve the environment for learning and teaching, such as no fee schools to Quintile 3 schools, the nutrition programme to secondary schools, scholar transport, after school care in high risk areas, socio-psychological support to children and explore the use of hostels for schools in rural areas.

Strategic Objective 8: Within 6 months government will develop and start to implement an action plan for the rehabilitation and maintenance of schools.

Strategic Objective 9: A more effective approach to the use of ICT in schools must be developed with Gauteng Online moving into the classroom and the provision of a laptop with 3G facilities to each teacher.

Strategic Objective 10: School safety: schools require more effective support on strategies which will enable them to deal with safety related issues. These range from discipline, drugs, weapons, bullying to first aid and traffic management.

Strategic Objective 11: Ensure effective strategies for provisioning and procurement for services to schools and timeous allocation and appropriate usage of school subsidies and allocations.

Strategic Goal Three: Enabling young people to make the transition from school to further education and or work that provides further training opportunities

Strategic Objective 12: Career counselling to improve the transition from school to further education or place of work: We will focus on intensifying school-based Career Counselling and increasing access to Career Fairs. We will also focus on the building the capacity of the Career Centre at the Sci Bono Discovery Centre to become the provincial hub of career guidance. This will include building the capacity, together with Higher Education Institutions, to conduct psychometric testing to support Grade 9 learners in high risk communities to identify career paths that match their personality and attributes. This will also ensure that they select the correct combination of subjects in the FET Band and support the transition from school into future employment.

Strategic Objective 13: To fully implement the Pipeline Talent Search in secondary schools: The key thrust of this objective is to increase private sector involvement with schools to support learners to realise their career paths by industry appropriate workplace experience. We would also like to see greater access for teachers to understand the demands of the workplace and how the learning content is applied in the workplace.

Strategic Objective 14: To work with the new ministry of Higher Education and provincial departments to facilitate better access by matriculants to bursaries and the national student loan fund.

Strategic Objective 15: Provide resources and infrastructure to reduce illiteracy by 50% by 2014 through the ABET Kha Ri Gude programme.

Strategic Goal Four: Strengthen partnerships with all stakeholders, resulting in education becoming a societal priority.

Strategic Objective 16: Ensure the involvement of parents in exercising oversight in schools in a manner that adds value to the attainment of the core outcomes.

Strategic Objective 17: Mobilise civil society, faith based organisations and the private sector to support the inputs and the outcomes of a quality education system.

Strategic Objective 18: To mobilise young people to develop positive attitudes to learning and to active responsibility for their own learning outcomes and behaviour.

These strategic goals and objectives will enable the GDE to focus more on service delivery and increased performance for the new planning cycle. The GDE's strategic goals and objectives are programmes of action that will continue to guide the department to new mandates and priorities.

- In-migration, Infrastructural and Human Resource Development remain key challenges. Departmental plans should respond to these challenges without compromising on the high standards of quality service that have been set. The outcomes of GDE's education programmes and curriculum development should be a key contributor to the social and economic development of the province.
- In line with government policy, the main focus of GDE's service delivery programmes should target the poor and the most disadvantaged. In the next five years GDE will focus on:
 - Increasing its investment in the province's youngest citizens through improved Grade R facilities. The Department of Social Development has a major responsibility for Early Childhood Development Centres;
 - Consolidating and strengthening the public schools education system so that all children in the province, especially the poor, have access to quality education;
 - Build the skills of young people through the strengthening of the Further Education and Training (FET) sector, promotion of learner ships for out of school and unemployed youth and working with institutions of higher education to offer support and funding to deserving learners;
 - Accelerate partnerships for skills development in Gauteng with close collaboration with GCRA;
 - Ensure lifelong learning through the strengthening of the ABET sector; and
 - Linking industry, higher education institutions, SETA's and other government departments to match the demands of the growing economy.
- Departmental service delivery includes the following programmes:
 - Public Ordinary Schooling – This involves the provision of ordinary schooling to all learners in the province, currently both from the compulsory schooling band and older (i.e. Grade R to Grade 12).

- Independent Schools– This involves the provision of subsidies to independent schools that qualify and to monitor the conditions that are pre-requisites for continued funding.
- Special Schools Education – This involves the provision of schooling to all learners with special education needs in the province, currently both from the compulsory schooling band and older (i.e. Grade 1 to Grade 12) and non-formal education programmes.
- Inclusive Education – This involves:
 - Early Childhood Development (ECD) – This programme will focus on providing Grade R in state, private and community centres.
 - Further Education and Training (FET) – This service is to provide pre-tertiary technical and vocational education as part of further education. This service includes the establishment of learner ship programmes.
 - Adult Basic Education and Training (ABET) – This service involves the provision of formal ABET programmes to adults and youth. The service involves the provision of Level 1-5 ABET programmes.
- Underpinning all these services above are the following activities:
 - Curriculum development, implementation and support to teachers, learners and management, as well as the assessment of learning. Included here is specialist support to learners in the form of therapists and educational psychologists.
 - Institutional Development and Support to schools through school development planning, subsidies, monitoring institutional performance and monitoring and developing school governance.
 - Human Resource Development – provision of in-service programmes, management development and pre-service bursaries.
 - Attached as **Appendix A** is a composite list of all institutions referred to above.

2.1.1.1 The GDE's Infrastructure delivery programme

The infrastructure delivery programme endeavors to address the listed priorities through the following goals:

- Ensure equity both in terms of access and quality.
- Address backlogs including classroom space, specialist teaching and learning facilities, sanitation, security and recreational facilities.
- Provide institutions that include a safe, healthy and stimulating learning and teaching environment in a cost efficient manner that contributes to constructive community development.
- Maintain and repair infrastructure to ensure a healthy and safe environment, whilst protecting State assets.

2.1.2 A variety of needs

The ongoing increase in learner numbers due both to improvement in the through-put rate as well as to the pressures of urbanization which results in the densification of housing in all areas, requires both short term and long term plans for the provision of sufficient school facilities (existing and new schools).

Specialised facilities, in addition to schools, can address major shortfalls and allow for access to teaching and learning of the highest quality. Such facilities allow the limited resources available in the Province, to be used by all. Such facilities are also included as a strategic component of the Infrastructure Plan. An example is the Sci

Bono Centre, which allows children to access science and technology from experts in a most conducive environment.

The inequities of the past continue to haunt the provision of schooling and education and there is an urgent need to ensure that all children can have access to the new learning fields which have been introduced into the Further Education and Training (FET) band of the schooling system. Planning to address the needs for specialized infrastructure is now incorporated as an integral part of dealing with backlogs in teaching and learning spaces. Furthermore, serious backlogs in space for school administration, as well as in safe hygienic sanitation, are realities receiving attention.

The facilities used to address special education needs are also in need of upgrading and urgent attention to allow for compliance with aspects of legislation related to children at risk, and also to promote the implementation of the intentions of the White Paper dealing with Learners with Special Education Needs.

The provision of adequate and appropriate facilities for ensuring access for all young children to Grade R is both urgent and critical.

Valuable infrastructure has not received adequate maintenance, and as a result, buildings or parts of school buildings are becoming unsafe for children and educators.

In addition to the above, the neglected aspects of the provision of particularly District Education Offices, which have a critical role in improving the quality of education in this Province, deserve greater attention. Furthermore, facilities, which allow for on-going Teacher Development programmes deserve greater attention, and are included as part of this plan.

2.2 Infrastructure Ownership, Legislation and Stakeholders

2.2.1 Ownership

As indicated above, in its final analysis the physical infrastructure falling under the jurisdiction of the GDE is needed for the delivery of schooling in the province. Some of this land and related infrastructure is owned by the State, whilst other is in private or corporate ownership.

This Infrastructure Plan is relevant for 15 District Offices and 2073 schools.

Attached as Appendix A is a composite list of schools as per the Department's 10th School Survey for 2009 conducted by the Education Management Information System (EMIS) Directorate of the Department.

A plethora of legislation and regulations determines the speed with which identified land can be occupied for construction purposes. There is an urgent need for the legislation to be analysed, aligned and rendered more efficient to enhance infrastructure delivery.

2.2.2 Legislation

The South African Schools Act 86 of 1996 requires that the Member of the Provincial Executive Council (MEC) for Education for the Province provides adequate and appropriate learning space for all learners in the Province. This includes children both in the General Education and Training (GET) Band, as well as those in the school-based Further Education and Training (FET) Band.

Various aspects related to the provision of infrastructure are regulated through the Public Finance Management Act (PFMA), 1999 (Act No. 1 of 1999, as amended by Act No. 29 of 1999) and the annual Division of Revenue Act (DoRA). The current version of the latter is Act 2 of 2008. For example: In terms of the latter, the principles embodied in the Infrastructure Delivery Improvement Programme (IDIP) are required to be implemented.

Practically all legislation applicable to the built environment is relevant to the GDE's provision of physical infrastructure. Of particular relevance to note, amongst others, is the Occupational Health and Safety Act (OHSA).

As indicated above, a plethora of legislation and regulations impacts on the acquisition, utilization and administration of land and there is an urgent need for this legislation and its local administration to be analysed, aligned and rendered more efficient to enhance educational infrastructure delivery in the province.

2.2.3 Stakeholders

In its final analysis, the most important stakeholders in the infrastructure covered in this Plan are the learners and local communities served by this infrastructure. In the previous Infrastructure Plan it was proposed that future development strategies should focus strongly on not only the provision of this infrastructure, but also on the constructive engagement of these primary stakeholders. With the relocation of District Physical Resource Planners from Head Office to District Offices, the Department was placed in a strong position to achieve this goal. Further work must be done in this regard to ensure that this becomes a reality.

Other key stakeholders in this infrastructure provision and more specifically, also in this Infrastructure Plan are:

- the District Offices of GDE, responsible for the coordinated management of educational service delivery in the 15 education districts in Gauteng; and
- the School Governing Bodies, responsible for governance issues at individual school level.
- the national Department of Education (DoE), responsible for the development of national policies in respect of education;
- the Gauteng Department of Infrastructure Development (DID), involved as primary Implementing Agent (IA);
- the Gauteng Department of Finance, responsible for the coordination of funding allocations via the provincial budget and for related budgetary control.
- National Treasury, responsible for the coordinated administration of funding allocations to provinces via DoRA and the Medium Term Expenditure Framework (MTEF);
- The national Department of Infrastructure Development, the Construction Industry Development Board (CIDB) and the Development Bank of South Africa (DBSA), as partners with National Treasury and DoE in the Infrastructure Delivery Improvement Programme (IDIP);
- the Gauteng Department of Local Government, responsible for the coordinated management of the provincial Integrated Development Plan (IDP);
- the Gauteng Department of Housing, responsible for the coordinated planning of new housing developments in the province;
- the Gauteng Department of Agriculture, Conservation and Environment (DACE),

- the Gauteng Shared Services Centre (GSSC), responsible for various aspects of Supply Chain Management (SCM);
- The PPP initiative within Gauteng Department of Education – focusing on strengthening service delivery of schools.

2.2.4 Organisational Structure

The provision and management of physical infrastructure facilities for educational purposes under the jurisdiction of the GDE is the responsibility of the Directorate: Facilities Management (DFM). This Directorate falls within the Corporate Services Branch.

The proposed structure is as follows:

- Directorate: Facilities Management;
- Sub-directorate: Infrastructure Planning;
- Sub-directorate: Programme Management;
- Sub-directorates: Maintenance Services and Works Inspections;
- Sub-directorate: Technical Support Services;
- Sub-directorate: Property Administration; and
- Sub-directorate: Infrastructure Support Services.

The details of the proposed new organogram and the existing structure are dealt with more fully in Section 8 (Organisation and Support Plan).

The Department did not conduct a SWOT analysis in relation to infrastructure delivery. Whilst this is a valid comment made by both National Treasury and the Department of Basic Education, template 2T01 does not require a SWOT analysis per se. Given the nature of such an exercise and the time limitations within which the final Infrastructure Plan should be completed and submitted, it will not be possible to compile a SWOT analysis within such a short space of time. It will therefore be incorporated into the next Infrastructure Plan/ User Asset Management Plan.

2.3 Plan Framework

As indicated before, the framework and format of this Infrastructure Plan is in line with the guidelines provided by Provincial and National Treasury and as encompassed in Template 2T01 of the Infrastructure Delivery Improvement Programme (IDIP) Toolkit (version 4-0).

The **Executive Summary** of this current plan is structured in such a way that it can be read and used as a stand-alone document, summarizing the main thrust and implications of the plan, with a specific focus on its relevance to senior decision makers.

Section 2 serves as broad introduction to the plan and covers various introductory aspects, including overall purpose, goals and objectives, relevant legislation and related background, as well as stakeholders and organizational arrangements, plan framework and planning approach and methodology.

Section 3 deals with level of service and covers departmental norms and standards as well as current and desired levels of service. It also addresses the backlogs in provision of classrooms and special facilities in the province.

Section 4 covers demand forecasts, including demographic and other relevant trends and community expectations, as well as a Demand Management Plan.

Section 5 deals with the existing infrastructure situation.

Section 6 addresses the important field of infrastructure asset management. The development of a fully integrated and comprehensive life-cycle infrastructure asset management system has already been determined as an important need.

Section 7 contains the financial requirements resulting from all the information presented in previous sections.

Section 8 outlines the supportive Organisational and Support (O&S) Plan which is considered as an essential addition to the Infrastructure Plan.

Section 9 deals with plan improvement and monitoring. It provides details on planning for monitoring the performance of the plan and any improvements to systems that will improve the level of confidence in the plan.

Finally, **Section 10** summarises the references used in the text and contains all the appendices to the plan.

2.4 Planning Approach and Methodology

Due to the huge shortage of personnel in the Infrastructure Planning sub-directorate, planning approaches and methodologies have been basic and not ideal. The sub-directorate consists of two Deputy Chief Education Specialists and one Chief Education Specialist.

Current information obtained through the GDE's EMIS section has been validated and is used in making projections based on known information including existing learning spaces at existing schools. The collection and management of information about in-migration remains problematic, as factors outside of those measured affects the numbers of people moving both into the province as well as movements between Education Districts.

A GIS system has been initiated in the EMIS unit and a closer working relationship between the Directorate Facilities Management and EMIS needs to be attained to access this system as it will enable a more precise assessment for the positioning of new school infrastructure on available sites.

The National Education Infrastructure Management System (NEIMS), developed under the auspices of DoE, is currently providing certain information which is still subject to verification. It is envisaged that this system will in due course provide the basis (database inputs) for the development of a comprehensive life-cycle infrastructure asset management and maintenance system/programme for the effective management and maintenance of schools infrastructure in the province on a sustainable basis. A number of different systems and approaches seem to be available, each with its own mixture of strengths and weaknesses. A comparative study is expected to result in some effective measure of guidelines on how best to address the situation to suit local circumstances in a province like Gauteng.

The model until recently used for planning was based on a simple needs analysis, on the basis of the available information, and tends to be reactive. The currently available mathematical models are unable to take into account changing and specific priorities which are vital for the ongoing transformation of the schooling system.

For this Infrastructure Plan Update [2010/2011] the following approach was used:

- From the Physical Planning Office in GDE 1999 schools' information were taken.
- Limited information received from the 15 Districts based on Actual Enrollment numbers for 2007 to 2009.
- Existing class rooms numbers from the 15 district.
- Current projects as listed in the latest IRM.

Critical factors that will improve the infrastructure planning processes in the Department in order of importance are:

- Appointment of skilled personnel
- Regular updating of the NEIMS data
- Acquisition of an electronic system that will assist in the development of a comprehensive life-cycle infrastructure asset management and maintenance system/programme for the effective management and maintenance of schools infrastructure in the province on a sustainable basis.

2.4.1 Data collection and needs analysis:

Planning is currently dependent on information and data from a variety of sources outside of the Directorate.

Possible source documents include:

- The Annual 10th School Day Statistics (EMIS) information;
- Residential Units per residential area database compiled by District Physical Planners;
- Existing number of learning spaces per school database compiled by District Physical Planners;
- The Annual School Review Report (DoE);
- The Annual Integrated Development Plan coordinated by the Department of Local Government;
- Liaison with Department of Housing regarding new housing developments;
- National Curriculum Statement Documents Grades 10 -12 ;
- Curriculum Maps for Education Districts (produced and maintained by the Curriculum Development and Delivery Branch of GDE);
- National Education Infrastructure Management System (NEIMS);
- National Lists of No-fee schools; and
- See PRP Manual for additional sources.

2.4.2 Source documents used in the compilation of this Infrastructure Plan are:

- The Annual 10th School Day Statistics (EMIS) information;
- Residential Units per residential area database compiled by District Physical Planners;
- Existing number of learning spaces per school database compiled by District Physical Planners;
- The Annual Integrated Development Plan coordinated by the Department of Local Government;
- Department of Housing regarding new housing developments; and
- National Education Infrastructure Management System (NEIMS).

Most of the information is collected at district level by the District Physical Planners. The information together with information collected at provincial level is used to conduct a need analyses at district level. This information is submitted to the

Directorate Facilities Management at Head Office where it is to be verified and further analysed by the Infrastructure Planning sub-directorate.

Given the current capacity of the Infrastructure Planning sub-directorate, justice could not be done to this process.

2.5 Programme Management:

All capital projects as well as planned maintenance projects are dealt with by DID. In terms of a cabinet decision DID was appointed as GDE's main implementing agent since June 2007. DID is responsible for all major capital projects whereas GDE remains responsible for minor unplanned maintenance projects to the value of less than R500 thousand. The interim SDA between GDE and DID is still under revision.

Although implementation of the infrastructure delivery programme(s) is the function of the implementing agent(s), the GDE (as the client department) accepts full responsibility for overall programme management and budget control, which include financial and progress reporting. The programme management function includes the procurement of services of implementing agents, formulation of infrastructure programme implementation plans and management of the interface / service delivery agreements between the Department and its implementing agent(s).

The Department is well aware of the complexities of proper programme management and budget control, especially in view of the fact that the planning and construction cycles of most infrastructure projects span over two or more financial years and are subject to many variables and dynamics that influence the critical path of build environment projects. Accurate information from and assumptions by implementing agents with regard to anticipated project progress and expenditure over the MTEF (and beyond) are therefore of critical importance. The quality of information received from implementing agents remains a major challenge and more so the tendency of over-optimistic progress and cash-flow predictions. The restructuring of the Department's programme management unit has been finalised and a new post of Assistant Director Financial Reporting has been filled. The filling of posts of Control Works Inspectors to assist with quality control is still pending.

This infrastructure Plan does not explicitly highlight progress made in terms of the previous Infrastructure Plan and how this influenced the planning processes outlined in this Plan. It is however mentioned in paragraphs 2.4, 2.4.1 and 2.4.2 above those current projects as listed in the latest IRM and the existing numbers of learning spaces have informed this plan. The data contained in these documents, by implication, include the outputs from the previous Infrastructure Plan. This needs to be quantified and will be addressed in the next Infrastructure Plan.

2.5.1 Identification of Priorities

Priorities are determined in terms of National and Provincial priorities, and these include addressing the needs of the poor, which also requires that attention is given to schools classified in Quintile 1 and 2. The priority ranking of the schools with the highest need used the Quintile index to weight the priority index. The National Norms and Standards for School Funding document provide clear guidelines for the determination of priorities in terms of need.

The model depicted in **Appendix B** indicates how information and data is used to arrive at a list of projects for implementation.

2.5.2 Implementation Instructions and Processes:

These processes are currently being mapped in coordination with the Department of Infrastructure Development (DID), in accordance with the requirements of the Infrastructure Delivery Improvement Programme (IDIP). These processes are being documented and implemented as progress is made.

2.6 Budget Process:

The budget process is informed by:

- The indicative amounts (equitable share and conditional grant) over the MTEF period;
- Contractual commitments flowing from the previous financial year(s);
- The need to activate new projects in line with provincial and national objectives; and
- Assumptions with regard to time frames for project implementation, project progress, estimated project costs and expenditure over the MTEF period.

The accuracy of Budget Statement no 3, especially the first year of the MTEF, is directly linked to the quality of infrastructure planning done by the Department as well as the accuracy of information received from implementing agents.

The capacitation of the infrastructure planning unit as well as improvement of the quality of information provided by implementing agents must receive the necessary attention.



SECTION 3: LEVEL OF SERVICE

3.1 Learner: Teacher (Classroom) Ratios

The norm for learner: teacher ratio also affects the learner: classroom ratio. At present, the intended norms are 1:35 at secondary schools and 1:40 in primary schools. Translated into infrastructure norms, a primary school with 27 classrooms should have a maximum enrolment of 1080 children and a secondary school with 29 classrooms, a maximum of 1015 learners. The 10th day enrolment figures indicate a very different situation in many areas. Certain schools in Soweto are under utilized, whereas for Primary and Secondary Schools in Tshwane South and Johannesburg West serious over-crowding is evident. In this Infrastructure Plan, all these overcrowding problems are being addressed by way of analyzing and determining the shortage of classrooms, as dealt with in Section 4.2 below.

3.2 Sanitation

Sanitation is still considered a particularly critical area. The norm for the provisioning of toilet facilities is 1.5 toilet seats per 40 learners in primary schools and 1.5 seats per 35 learners for secondary schools. According to NEIMS, in many schools in Gauteng, only one toilet seat is provided for more than 50 learners. Furthermore, at least one disabled access toilet is required at each school, to satisfy requirements of the National Inclusion Policy. The current design of toilet blocks for females is inadequate, and has been revised to ensure that absenteeism of girl learners is not increased due to lack of hygienic and adequate facilities in the toilet blocks. Funding to provide for female sanitation services should be provided and ring-fenced in the financial transfers made to schools.

Whilst all schools in Gauteng are provided with ablution facilities, the level of service must be improved. As a result of overcrowding in some schools a huge shortage of toilet facilities are experienced. This Infrastructure Plan addresses the proposed elimination of these backlogs in Section 4.3 below.

3.3 Building Material

In addition, quality of building is determined through detailed specifications of materials and fittings to be used. With the current ever increasing theft and vandalism to obtain "waste" metal, changes are being made to materials specifications to replace metal with alternatives, in order to limit the vandalism for gain which regrettably characterizes so many of our institutions.

School designs

The designs of both primary and secondary schools have undergone major changes to provide for improved curriculum delivery. These changes have been approved by the Head of Department in July 2008. The changes include amongst other the following:

- Increased classroom sizes from 49m² to 59.5m² per classroom
- Grade R facilities at all primary schools
- Science laboratories and Technology centres at all primary schools
- Geography / Social Sciences and other specialist facilities at secondary schools

3.4 Development of Norms and Standards

The policy for an Equitable Provision of an Enabling School Physical Learning and Teaching Environment has been legislated. A process to determine how each GDE school building compiles with the requirements of the policy will be undertaken in the 2010/11 financial year. This presupposes an update of the NEIMS information. Attempts to update NEIMS over the past months have not been very successful. District Physical Planners have been trained on the NEIMS Assessment Instrument and were expected to conduct audits of the schools in their districts using the instrument. Due to other priorities in the Districts Physical Planners did not conduct these audits. For this reason an outside party will be appointed in the 2010/11 financial year to update NEIMS as this is a critical element for improved planning and delivery of education infrastructure in Gauteng.

The process of aligning our school designs with the new norms and standards was initiated in February 2010. This process is ongoing and it will inevitably lead to a review of the designs that were approved by the HOD in July 2008 as indicated in paragraph 3.3 above. The Gauteng Department of Education is not yet ready to implement the new norms and standards however, the Department is looking into the implications of implementing the new norms and standards e.g. land availability if more schools that are smaller than the current schools are to be built, school management versus school size and other resource issues. Once this exercise has been completed the Department will be in a position to indicate how the desired Level of Service (LOS) differs from the current LOS.



SECTION 4: DEMAND OR NEED DETERMINATION

4.1 Demand Forecast

Projections based on historical enrolments, annual throughput and census information show the trends reflected in Table 1 below, for the current Strategic Plan period up to 2013.

TABLE 1: PROJECTED LEARNER ENROLMENT 2009 -2013

Year	2009	2010	2011	2012
Learners	1,720,243	1,724,596	1,728,796	1,737,877

The increase in learner enrolment per Education District provides a starting point for determining where additional Learning Spaces and therefore schools will be required. Table 2 below reflects the changes per district over the past 3 years.

TABLE 2: % CHANGE IN LEARNER ENROLMENT PER DISTRICT 2007 -2009

District	2007	2008	2009	% increase/ decrease
EN	147,316	147,826	148,286	0.3%
ES	182,771	183,908	183,722	0.3%
GE	148,042	147,717	146,733	-0.4%
GN	36,101	35,627	35,283	-1.1%
GW	103,180	102,936	103,061	-0.1%
JC	149,210	148,981	146,489	-0.9%
JE	112,306	115,645	117,928	2.5%
JN	104,309	106,064	109,091	2.3%
JS	88,997	91,050	92,717	2.1%
JW	88,415	88,311	91,130	1.5%
SE	48,316	49,143	49,422	1.1%
SW	109,313	108,088	107,234	-1.0%
TN	117,328	114,267	113,345	-1.7%
TS	160,550	162,296	161,147	0.2%
TW	114,337	114,337	114,655	0.1%
Total	1,710,491	1,716,196	1,720,243	0.3%

Learner numbers in all 15 Education Districts have changed, from a decrease of -1,7% in Tshwane North to an increase of 2,5% in Johannesburg East.

TABLE 3: DETERMINING THE REAL GAP FOR CLASSROOMS IN 2012.

Type of School	EDU Dist	Number of Schools	Number of Learners.		Number of Classrooms					
			Actual Enrolment 2009	Projected Enrolment 2012	Classrooms Demand 2012	Classrooms Supply 2009	Apparent GAP for 2012	Current Projects under Construction and Planning.	Real GAP for 2012	
Combined Schools	ES	1	1,644	2,203	Divided by 37.5	59	10	49	0	49
	JN	4	3,428	4,168		111	68	43	0	43
	TS	1	561	604		16	20	-4	0	-4
	GE	1	699	727		19	14	5	0	5
	SE	1	1,199	1,223		33	27	6	0	6
	GW	2	917	1,558		42	22	20	0	20
	JE	1	1,035	1,375		37				
	EN	2	1,056	930		25	37	-12	0	-12
	GN	2	1,822	1,478		39	48	-9	0	-9
SW	1	184	56	1	14	-13	0	-13		
Combined Total		16	11,510	11,932				0	0	
Primary Schools	TW	96	75,570	86,606	Divided by 40	2,165	1954	211	29	182
	JN	94	65,718	72,908		1,823	1998	-175	27	-202
	JE	76	72,699	78,289		1,957	1599	358	0	358
	SE	49	30,247	32,227		806	849	-43	0	-43
	TS	122	101,452	104,736		2,618	2489	129	58	71
	JS	65	60,219	62,917		1,573	1487	86	0	86
	JC	155	90,707	95,054		2,376	2963	-587	58	-645
	EN	104	91,780	93,421		2,336	2294	42	85	-43
	ES	116	112,158	116,552		2,914	2583	331	85	246
	GN	36	23,806	24,225		606	630	-24	85	-109
	GW	80	65,117	66,809		1,670	1602	68	58	10
	JW	88	58,866	58,412		1,460	1819	-359	29	-388
	GE	108	92,152	91,585		2,290	2277	13	29	-16
	SW	98	62,298	63,056		1,576	2026	-450	29	-479
TN	95	72,836	70,049	1,751	1885	-134	0	-134		
Prim Total		1,385	1,089,262	1,105,832					0	
Secondary Schools	SE	18	17,976	19,919	Divided by 35	569	475	94	0	94
	TW	43	39,085	42,484		1,214	989	225	0	225
	JS	25	32,498	32,916		940	661	279	29	250
	JE	38	42,969	43,997		1,257	1033	224	29	195
	ES	51	66,932	66,776		1,908	1593	315	114	201
	EN	42	54,204	53,978		1,542	1270	272	28	244
	JW	34	30,209	31,466		899	925	-26	0	-26
	JN	39	38,426	36,304		1,037	1156	-119	29	-148
	GN	12	9,655	9,029		258	266	-8	0	-8
	GE	46	52,161	52,744		1,507	1267	240	0	240
	TS	52	59,134	57,185		1,634	1434	200	0	200
	SW	43	43,457	40,582		1,159	1176	-17	28	-45
	JC	53	55,782	51,385		1,468	1484	-16	56	-72
	GW	32	36,474	32,826		938	897	41	28	13
TN	41	40,509	35,117	1,003	1033	-30	0	-30		
SEC Total		569	619,471	595,067						
Grand Total		1,970	1,720,243	1,737,877						

The actual enrolments from 2007 to 2009 per school and school type were used to project the anticipated enrolment for 2012. This number was summarized per Educational District as depicted in Table 3.

The projected enrolment for 2012 was used to determine the demand for classrooms in 2012.

The existing number of classrooms in 2009 was deducted from this demand which resulted in the apparent GAP for 2012. By reducing this number of classrooms needed with the current projects under planning and construction the REAL classroom GAP was determined.

[Last column in Table 3].

The REAL GAP per Educational District provides information on both over and underutilized schools. To determine the areas with the highest need it was decided to select those areas with overcrowded schools [more than 110% occupancy rate].

TABLE 4: DETERMINING THE REAL GAP FOR CLASSROOMS IN 2012 AT SCHOOLS WITH AN OCCUPANCY RATE MORE THAN 110%.

Schools with Occupancy Rates more than 110%						
Type of School	EDU Dist	Sum of Number of Existing Clasrms	Sum of Classrooms needed	Sum of Apparent Classrooms GAP	Current Projects under Construction and Planning.	REAL Classroom GAP
Combined Schools	ES	10	59	49	0	49
	JN	45	84	39	0	39
	SE	27	33	6	0	6
	GE	14	19	5	0	5
	GN	10	13	3	0	3
	GW	22	25	3	0	3
Combined Total		128	232	104		
Primary Schools	TS	857	1,354	497	58	439
	TW	660	1,103	443	29	414
	JE	752	1,146	394	0	394
	ES	1,047	1,516	469	85	384
	TN	606	822	216	0	216
	EN	563	860	297	85	212
	GE	705	927	222	29	193
	JS	492	678	186	0	186
	GW	642	880	238	58	180
	JN	263	409	146	27	119
	SE	135	229	94	0	94
	SW	285	397	112	29	83
	JC	413	552	139	58	81
	GN	241	334	93	85	8
JW	254	288	34	29	5	
Prim Total		7,915	11,496	3,581		
Secondary Schools	ES	980	1,437	457	114	343
	TS	823	1,156	333	0	333
	TW	525	841	316	0	316
	GE	823	1,113	290	0	290
	EN	776	1,080	304	28	276
	JS	508	812	304	29	275
	JE	533	795	262	29	233
	TN	457	622	165	0	165
	SE	221	377	156	0	156
	JC	776	978	202	56	146
	SW	476	640	164	28	136
	GW	561	687	126	28	98
	JW	371	422	51	0	51
	GN	109	160	51	0	51
JN	265	320	55	29	26	
SEC Total		8,204	11,437	3,233		
Grand Total		16,247	23,165	6,918		6,005

Table 4 provides information on districts with the highest classrooms shortages in overcrowded schools. The districts with the highest classrooms shortages are the priority districts in determining where new schools must be provided.

Given the current rate of classroom delivery in GDE which is approximately 400 classrooms per year it will take the Department 15 years to build the 6 005 classrooms that are required by 2012. In order to speed up the rate of classroom delivery the Department has registered a PPP with National Treasury. The project is currently in the feasibility study stage and the outcome of this will determine how the Department can reduce the classroom backlog within a shorter space of time.

4.1.1 Utilisation of NEIMS in determining demand for classrooms

Because the NEIMS data was not updated since 2007, it was decided not to use the Space Norm Backlog, Standard backlog and Condition backlogs as in 2008. However it is the intention to use the NEIMS based cost model for future updates of this Infrastructure Plan.

The NEIMS cost model entails the following:

- **Space Norm Backlog**
Measuring the monetary *amount of* different kind of *spaces¹ needed* according to the Norms and Standards as defined in the Cost Model.
- **Standard Backlog**
Determining the amount of money needed to build the existing infrastructure of the *correct material* as specified in the Norms and Standards of the NEIMS cost model.
- **Condition Backlog**
Determining the amount of money needed to *repair* the existing infrastructure *to the specified condition* as defined in the NEIMS cost model.

According to this approach the total Space Norm Backlog for Gauteng in 2007 was R 9,7 billion. This amount only reflects the cost of the superstructure excluding professional fees.

In the same way the Standard Backlog for Gauteng was R 1,93 billion; the Condition Backlog R 251 million. Once the NEIMS data for GDE has been updated the use of the NEIMS cost model will be explained in more detail. It is however attached to this Infrastructure Plan as **Appendix C**.

¹ See Table 5 for the definition of the Space Categories

TABLE 5: DEFINITION OF THE DIFFERENT SPACE CATEGORIES AS IN THE NEIMS COST MODEL



Code	Room utilisation	Space category
E01	Classroom	General Learning Space
E02	Multi purpose	
E03	Dance / drama studio	Specialist Learning Space
E04	Music room	
E05	Laboratory	
E08	Cookery centre	
E09	Needle work centre	
E10	Technical training centre	
A07	School hall	
E06	Computer centre	
E07	Library	
A01	Office – Principal	Non-teaching area
A02	Office – Deputy principal	
A03	Office – Head of department	
A04	Office – General administration	
A05	Photocopying room	
A06	Staff room / Marking room	
A08	Counselling / guidance room	
A09	Sick room	
A10	General store / Safe	
A11	Strong room	
A12	Book room	
A13	Kitchen – general	
A14	Kitchen – feeding scheme	
A15	Tuck shop	
S01/2/3	Male / Female / Disabled facilities	

4.2 Provision of schools in new township/housing developments

In addition to addressing the backlog in classroom space in existing settlements, for sustainable settlement, a minimum number of schools must be provided simultaneously with housing. The Department of Housing, through mixed housing developments, is transforming the spatial patterns of settlements and this coordinated Provincial programme, "Breaking New Ground" (BNG), is a joint responsibility.

4.3 Special curriculum related requirements

The Directorate is in the process of developing modular designs for the following specialist facilities:

- Engineering studies
- Hospitality studies
- Arts and Culture

4.4 Grade R

To meet the mandate of all children having access to Grade R all Public Primary schools should have had the space for at least one Grade R class (40 children) by 2008.

Currently 336 Primary Schools have no Grade R facility. The building costs of a facility which will allow for the enrolment of 40 children are currently estimated at R1.5 million. The funding required to provide a single facility of the appropriate standard at each of the 336 schools is R 504 million.

4.5 Schools for Learners with Special Education Needs (LSEN Schools)

Currently these schools make provision for 34 334 children who are at risk, and need to be taught in a specialized environment. Little attention has been given to the buildings housing these children over the past years, and there are a number of these schools where the infrastructure needs to be upgraded.

4.6 Prioritisation of infrastructure requirements

See attached Budget Statement No.3 (**Appendix D**) for a prioritised list of projects.

4.7 Non-infrastructure requirements

Due to the inability to provide new schools in new residential developments in keeping with the rate of housing delivery, extensive use is made of scholar transport. This is not ideal as the nearest schools with available learning spaces are far removed from the areas without schools or with a shortage of schools. Secondly it is more expensive over the medium to long term to provide scholar transport than to provide a new school building. It is however the only viable option until a new school building is provided in an area without schools or with a shortage of schools.

4.8 Options Analysis

The Department has not yet conducted an extensive options analysis for the provisioning of education infrastructure. This will be done for the 2011/12 Infrastructure Plan/ U-AMP. The Department will look into the application of alternative construction methods as an option during the 2010/11 financial year. This

investigation will be the initiation of an options analysis that will be completed by the end of the 2010/11 financial year.

The department is however making extensive use of scholar transport as an alternative to providing infrastructure as an interim measure until infrastructure can be provided. Scholar transport is therefore not used as an alternative to providing infrastructure. Scholar transport is not an ideal solution as the nearest schools with available learning spaces are far removed from the areas without schools or with a shortage of schools. Secondly it is more expensive over the medium to long term to provide scholar transport than to provide a new school building. It is however the only viable option until a new school building is provided in an area without schools or with a shortage of schools.



SECTION 5: EXISTING INFRASTRUCTURE

5.1 Life-cycle Asset Management

GDE does not have an electronic system to assist with the institution of a process of life-cycle asset management. The development of a comprehensive life-cycle infrastructure asset management system is contemplated as an outflow from the operationalisation of the NEIMS database system and as part of the current IDIP programme. The acquisition of an electronic system will be budgeted for in the 2010/11 financial year.

5.2 NEIMS

The National Education Infrastructure Management System (NEIMS) provides a database with detailed information about each public school in the country. Provinces are regularly provided with specific tables of updated information extracted from the NEIMS database by the National Department of Education. GDE still needs to interact with this information in order to determine our backlogs against the newly established norms and standards for school infrastructure.

The regular updating and maintenance of the vast amounts of data contained in the NEIMS database is a matter of concern. As mentioned in the previous Infrastructure Plan each Education District has a post of Physical Planner. These officials have been trained on the NEIMS Assessment Instrument and were expected to conduct audits of the schools in their districts using the instrument. Due to other priorities in the Districts, Physical Planners did not conduct these audits. For this reason an outside party will be appointed in the 2010/11 financial year to update NEIMS as this is a critical element for improved planning and delivery of education infrastructure in Gauteng.

The existing NEIMS data which have been updated where possible is however used to determine what infrastructure is currently available. Attached as **Appendix E** is a table providing this information.

The table in below provides information on the utilisation rate and condition of the existing infrastructure per district. The data provided is for a total of xxx schools for which information is available. The data is a combination of NEIMS data and information verified by district officials and school principals. The condition rating is based on the following 5 NEIMS condition rating descriptions:

Condition 1: Not functional and 75 to 100% of the facility need to be replaced completely

Condition 2: Partly functional but 50 to 75% of the facility is in need of refurbishment

Condition 3: Partly functional but 25 to 50% of the facility is in need of refurbishment

Condition 4: In reasonably good condition with less 25% of the facility is in need of refurbishment

Condition 5: In good & functional condition with only corrective maintenance required.

EDUCATION DISTRICT (LOCATION)	NEIMS CONDITION ASSESSMENT (Number of schools)	UTILSATION RATE (Number of schools)
----------------------------------	---	--

	1	2	3	4	5	≤80%	>80% and ≤100%	>100% and ≤120%	>120%
EN	0		81	64	3	28	43	38	39
ES	0	3	116	49	0	19	37	49	63
GE	0	2	83	69	1	20	45	51	39
GN	0	2	44	4	0	22	7	5	16
GW	0	2	75	37	0	23	23	28	40
JC	0	17	158	33	0	103	30	47	28
JE	0	5	52	57	1	22	25	23	45
JN	0	1	92	44	0	54	48	13	22
JS	0	1	64	25		14	23	23	30
JW	0	5	85	31	1	54	29	28	11
SE	0	3	34	31	0	23	21	12	12
SW	0	6	92	43	1	52	34	38	18
TN	0	18	87	31	0	36	27	30	43
TS	0	3	112	60	0	51	32	37	55
TW	0	26	79	33	1	42	29	29	39
TOTAL	0	94	1254	611	8	563	453	451	500

5.3 Valuations

The Department has undertaken a valuation of schools in 2009. Data is available for 2 312 schools. The total value of 2 312 these schools is R49 700 804 000,00.

A list of the 2 312 schools with values is attached as **Appendix F**.

5.4 Historical Data

The Tables which follow are presented as an indication of some historical data.

No comparative analysis has been done in the preparation of this Infrastructure Plan, but is part of the ongoing development of planning systems, and such an analysis will be included in future Infrastructure Plans.

	2006/07	2007/08	2008/09
Payment for infrastructure by category			
New infrastructure assets	594,573	613,873	387,360

Existing infrastructure assets	276,106	157,244	339,811
Maintenance and repair	131,327	65,733	49,606
Upgrading and additions	77,204	42,797	152,101
Rehabilitation and refurbishment	67,575	57,714	138,104
Current infrastructure	131,327	56,733	49,606
Capital infrastructure	739,352	714,384	677,564
Total Education Infrastructure Expenditure	870,679	771,117	727,170



SECTION 6: ASSET MANAGEMENT – INFRASTRUCTURE

The development of a comprehensive life-cycle infrastructure asset management system is an important component of GDE's departmental IDIP Logframe and work plan. As a first step in this direction, considerable attention is currently being devoted to the operationalisation of NEIMS As indicated above, this is linked to the resolution of capacity issues. These systems will form the backbone of GDE's envisaged eventual infrastructure maintenance strategy. In the meantime, maintenance is conducted on a reactive basis, with considerable scope for improvement. The U-AMP for 2011/12 will be developed in line with GIAMA requirements.

6.1 Routine Maintenance Plan

Currently there is no routine maintenance program in place. The challenge regarding routine maintenance is to execute this activity within the allocated budget. It is imperative that a routine maintenance program be developed to prevent further ongoing deterioration and decay of all valuable state assets. No provision could be made in the current MTEF period for this very important aspect. The reason for this could be attributed to the great need/backlog of new school infrastructure which leaves only funds available for urgent reactive emergency maintenance and rehabilitation. In collaboration with DID, a plan/system will be developed to introduce a fully fledged preventative maintenance program.

The Department does not have the financial capacity to bring its physical facilities to a standard that is fully compliant with all the requirements of the OHASA.

6.2 Maintenance allowances for Section 21 Schools

Funding basically intended to carry out routine maintenance is currently transferred to Section 21(a) schools, but at present no monitoring of this expenditure takes place and no training has been provided to specifically identified personnel at these schools. There is also an urgent need to develop operational policy guidelines and which kinds of maintenance is intended to be covered under these maintenance allowances and which not.

6.3 Training and involvement of school communities

The implementation of no-fee schools is having an unexpected consequence in that the attitude of the majority of parents at these schools is that they do not participate in any way, and that the State is responsible for all aspects of maintenance and improvements of the school infrastructure and grounds. Any routine maintenance plan should therefore be linked to education and advocacy in school communities, to effectively convey the message that they have a responsibility for ensuring that schools are well maintained, looked after and not vandalised.

6.4 Reactive Emergency Maintenance

Most of the maintenance currently conducted by GDE is of a reactive emergency nature and is based on a call centre and contractors' roster system. This approach has many shortcomings in comparison to the more generally accepted concept of utilising period contractors. However, period contractors are utilised to provide services with regards to: water delivery; emptying of septic tanks and supply of chemical toilets as well as the maintenance thereof. GDE is also responsible for grass cutting; clearing of vacant land and pest control. In terms of the current SDA between GDE and DID reactive emergency maintenance to a maximum value of R500 000 remains the function of GDE.

Examples of current emergency repair activities include the following:

Plumbing: Sanitation problems which include: blocked sewers; water delivery to schools (without water); emptying of septic tanks and burst water pipes are attended to as soon as possible.

Electrical faults: Where exposed wires and other dangerous situations are reported through the call centre, it is dealt with as soon as possible. Cable theft is responsible for significant problems. Likewise theft of circuit breakers is a major reason for dysfunctional electricity systems in schools.

General Building Works: Attention is paid to falling ceilings and acts of God.

6.5 Renewal / Replacement Plan

In this Infrastructure Plan renewal/rehabilitation refers to projects which are aimed at the restoration or upgrading of existing infrastructure to its original capacity. In addition, replacement refers to the complete replacement of existing infrastructure with similar or improved comparable facilities.

6.5.1 Rehabilitation and Renewal

In terms of the current SDA between GDE and DID, rehabilitative projects with cost estimates in excess of R 500 000 must be referred to DID as implementing agent of GDE. The rehabilitation of 123 schools will be undertaken in the 2010/11 financial year.

In the absence of updated information the NEIMS data together with information received from district officials and school principals are used as a basis for determining the maintenance need for schools in the Gauteng Department of Education. Attached as **Appendix G**, is a working document which is still subject to discussion and refinement in the Department.

6.5.2 Replacement

To date, the identification and prioritisation of most replacement projects have been dealt with on a somewhat ad hoc basis under rehabilitation. GDE has however embarked on a needs driven programme to replace inadequate perimeter fences at various schools with steel palisade in order to improve safety and security at schools

Urgent attention must be given to prioritisation of the replacement of infrastructure, for example: inappropriate structures/facilities and mobile schools.

The total Standard Backlog [not built of the correct material] and Condition Backlog [existing infrastructure in condition below the NEIMS Norms and Standards Model] is R 2,18 billion for Gauteng.

6.6 Creation / Acquisition Plan

In terms of this Infrastructure Plan, GDE's Creation / Acquisition Plan can be considered to have two components. The biggest single component is that for the building of new infrastructure. This, in turn, has two sub-components, namely for the elimination of classroom backlogs as well as other facilities like ablution facilities at existing schools and secondly, for the provision of schools associated with new township/housing developments. The second component is the acquisition of land which is associated with the provisioning of new schools.

In terms of the provision of new facilities, the department has to yet to arrive at a balance between maintenance and provision of new infrastructure. Although the previous Infrastructure Plans has highlighted the intention of dedicating at least 40% of the Infrastructure Budget to maintenance, this is not realised in practice due to contractual commitments with regards to the provision of new schools.

6.6.1 Selection Criteria

The way prioritisation has been done is discussed extensively in section 4.3. Please refer to that section in this regard.

6.6.2 Standards and Specifications

The Department has adopted new standard designs for primary as well as secondary schools. Standard designs for specialised facilities at secondary schools are being developed and include those for: hospitality studies; arts and culture as well engineering studies. Moreover, the specifications used in terms of materials are compliant with SABS standards and the choice of materials is also specifically aligned with low cost maintenance.

Currently, conventional building methods are being utilised by the department. GDE has experimented with/explored some alternative construction methods, such as alternative steel prefabricated structures with varying levels of success. Many alternative systems are dependent on sole service providers which present some challenges in terms of future maintenance.

In order to meet the required levels of service in terms of methods and materials that is used, the Department still follows the Specification of Methods and Materials (1987 version) as a guide in the absence of an updated version. Attached as **Appendix H** is a copy of the document outlining these methods and materials. This is only available in hard copy, hence only a hard copy is attached to this Infrastructure Plan. It must be emphasized that this merely serves as a guide.

6.6.3 Summary of Future Costs

Refer to Section 7 for detailed discussion hereof.

6.7 Disposal Plan

Discussions with regard to the disposal of unused vacant land was started with the Gauteng Department of Local Government (GDLG) in 2008. GDLG is the Department responsible for Land Administration in the province. A document outlining properties to be disposed of was forwarded to GDLG in 2008. A response on the document is awaited from GDLG.

A comprehensive disposal plan will be developed in line with GIAMA requirements when the U_AMP for 2011/12 is developed.

6.8 Construction and Management Plan (EPWP)

The Department's main implementing agent, DID, will select the contractors required for construction and maintenance in terms of their own internal processes. All projects implemented by the DID should comply with the EPWP requirements in terms of training and job creation. Currently the projects being implemented are all non-EPWP projects; however data on job creation is recorded.



SECTION 7: FINANCIAL SUMMARY

This section should contain the financial requirements resulting from all the information presented in previous sections. As plans become more advanced, various levels of service / cost scenarios may be included.

7.1 Financial Statements and Projections

These should be prepared for at least 10 years and include:

- Cash flow forecasts by year
- Breakdown of expenditure by service groups
- Breakdown of expenditure into routine maintenance, renewal and new works expenditure
- Trends from the previous 2-3 years (See historic data section 5.4)

Note: For all the above other points see the attached spreadsheet

7.2 Funding Strategy

Provide details of how expenditure will be funded

Determine whether any planning is needed to smooth out variations in cash flow

A PPP approach for the construction of new schools was initiated in 2009. A transactional advisor was appointed. However, due to certain requirements that were not complied with the process was temporarily halted. A decision has been taken to resuscitate the process. Details with regard to progress will be given in the 2011/12 U-AMP. Due to the stage which this process is at it is not possible to comment on the effectiveness of the process at this stage.

7.3 Valuation Forecasts

Forecast of future value of infrastructure and valuation methodology

Forecast of depreciation

7.4 What Are the Key Assumption Made in Financial Forecasts?

This Section is very important.

Readers should understand the accuracy of the information presented as well as providing an insight as to how the accuracy of future financial forecasts would be improved.

Include a sensitivity analysis quantifying variations in the forecasts resulting from possible scenarios relating to key assumptions.

Given the planning information that is currently available it is not possible to conform to these guidelines above.

As the planning information improves with time the above guidelines will be implemented.

In order to achieve this improved plan it is envisaged that regular planning sessions between GDE head office and District Planning personnel be scheduled.

With the current available information the following financial indication can be provided.

The anticipated classroom backlog for 2012 is 6005 classrooms². In order to provide this number of classrooms, R14bn is required, taking into consideration the average estimated cost for a new school of R63m at 27 classrooms per school. The R63m includes the value of all other new education infrastructure required such as administration blocks, ablution facilities, specialist learning facilities, civil works, sports facilities, professional fees etc.



² See Table 4.

SECTION 8: ORGANISATION AND SUPPORT PLAN

This Organisation and Support (O&S) Plan briefly outlines the human and other resources that are needed to effectively implement the 2010/11 Infrastructure Plan of GDE.

8.1 Organisational Structure and Human Resources

8.1.1 Organisational Structure

The current, approved organogram make provision for the human resources required to implement the Infrastructure Plan. The latest approved organogram of the Directorate make provision for a professional services component which is essential for managing the interface between GDE and its implementing agent(s).

All positions in the approved Facilities Management organogram are not filled currently, but constant efforts are being made to fill these positions.

It must be noted that it will take time to capacitate newly appointed staff to the point that they will be able to effectively contribute towards service delivery.

The organogram is attached as **Appendix I**.

8.1.2 Human Resources

The current staff complement of GDE's Facilities Management Directorate (FMD) comprises 55 individuals, led by a Director and 5 Deputy Directors or Acting Deputy Directors. This constitutes approximately 50% of the required human resources for the Directorate in terms of the proposed organogram.

Shortcomings in terms of capacity are currently addressed through the utilisation of private consultants in the area of professional services. The use of consultants will gradually be reduced as and when the required in-house capacity becomes available.

8.2 Financial

In the current financial year, an amount of R4.7 million is budgeted for support services, which is a total of 0.6% of the total Infrastructure Budget. This action will assist to fill serious capacity gaps.

8.3 Systems and Processes

8.3.1 Accounting/Financial Systems

Payments/expenditures are affected and recorded via the BAS systems of respectively GDE and DID and on a monthly basis captured and reflected in the Infrastructure Reporting Model (IRM) returns which are submitted via Provincial Treasury to National Treasury.

The IRM is based on a progress and cash flow report that is updated on a monthly basis and provides detailed project information such as: scope of works; previous payments from previous financial year; current payments; key milestones; expected expenditure over project life cycle as well as the anticipated project completion date.

Expenditure recorded in this report is reconciled with BAS on a monthly basis and any discrepancies are dealt with accordingly.

Accurate information regarding expected/anticipated expenditure received from implementing agents remains a challenge, as this is vital to proper cash flow and budget control.

8.3.2 Infrastructure Management Systems

The eventual development and operationalisation of a full life-cycle infrastructure asset management system for GDE is included in the IDIP Logframe and Annual Work Plan (AWP) of GDE.

Considerable attention has recently been focused on the operationalisation of the newly developed NEIMS, in order to assess the validity and practical value of the masses of infrastructure data captured in that system, as well as the practical implications of regularly updating and maintaining the data for effective use in related management systems. Apart from developing a system to do this entire task, dedicated staff is required to update and maintain such a complex system. It is beyond question that there is a very urgent and dire need for an effective infrastructure database within GDE's FMD.

8.3.3 Data

Currently, there are no formalised systems in place within the Department to collect and capture infrastructure decision-making information. Various types of information are collected at numerous levels in an informal manner, for example information on:

- Township/residential developments collected at district level;
- Education sites collected at district level;
- School conditions subjectively collected at district level; and
- Number and type of facilities per school.

However, the only information system currently in place is the project related progress and cash flow report referred to in the preceding section. All formally and informally collected data needs to be consolidated into a coherent, formal infrastructure management system.

8.3.4 Information Flow Requirements and Processes

Key information flow requirements include cash flow and progress information on a project by project and programme basis, involving various key individuals from private sector (contractors and consultants), implementing agents and GDE (programme and budget management). The accuracy of information obtained however is still problematic. The department is in the process of implementing a new template for the gathering of monthly updated information that will be enforced in order to enable the department to obtain accurate information. This should assist in managing the building programme and capital budget.

The availability and reliability of planning information is another key requirement for the preparation and ongoing management of the Infrastructure Plan. This is directly related to the approval of the proposed organogram and filling of all vacant posts.

8.3.5 Standards and Guidelines

Whichever attributes are forthcoming must be aligned to basic IDIP principles and must add value as far as infrastructure planning and programme management are concerned.

8.3.6 Skills development plans

A capacity assessment was conducted with recommendations to implement. The findings and recommendations of this assessment is attached as Appendix J.



SECTION 9: PLAN IMPROVEMENT AND MONITORING

9.1 Performance Measures

A new organogram for the Directorate has been approved. Posts must still be filled. Until such time that the most critical posts are filled, this will be considered a work in progress. The current plan is based on NEIMS data. This data is based on 2007 information, which has not been updated and it is essential that in addition to the NEIMS information, current needs are taken into account. Given the current lack of human resources in GDE's planning section, a comprehensive updated needs analysis was not conducted for the compilation of this Infrastructure Plan. This matter can only be addressed once capacity issues are resolved.

However, the following have been identified as possible performance measures:

Performance Measure	Indicators
<ul style="list-style-type: none"> ▪ Cost effective: <ul style="list-style-type: none"> ○ Proper prioritization is required in terms of needs; ○ Funds need to be appropriately utilised; 	<ul style="list-style-type: none"> ▪ Cost effective: <ul style="list-style-type: none"> ○ Proper needs analysis was done; ○ Apportionment of budget in relation to identified needs; ○ Budget spent according to allocated budget split.
<ul style="list-style-type: none"> ▪ Appropriate: <ul style="list-style-type: none"> ○ Curriculum requirements ○ Grade R ○ Full service schools 	<ul style="list-style-type: none"> ▪ Appropriate: <ul style="list-style-type: none"> ○ Specialist facilities provided; ○ Full service schools completed; ○ Client satisfaction.
<ul style="list-style-type: none"> ▪ Meeting Statutory/Policy requirements/Departmental Strategic Objectives: <ul style="list-style-type: none"> ○ OHSA; ○ SA Schools Act (access, maintenance); ○ National/Provincial Policy. 	<ul style="list-style-type: none"> ▪ Meeting Statutory/Policy requirements/Departmental Strategic Objectives: <ul style="list-style-type: none"> ○ Schools OHSA compliant; ○ Sufficient learning spaces; ○ Well-maintained schools; ○ Client satisfaction; and ○ Infrastructure service delivery processes compliant with National/Provincial Policy
<ul style="list-style-type: none"> ▪ Realistic: <ul style="list-style-type: none"> ○ Timeframes ○ Cash flow predictions 	<ul style="list-style-type: none"> ▪ Realistic: <ul style="list-style-type: none"> ○ Target Dates/Milestones achieved; and ○ Actual expenditure correlation with predicted expenditure.
<ul style="list-style-type: none"> ▪ Performance <ul style="list-style-type: none"> ○ Internal to GDE ○ External to GDE 	<ul style="list-style-type: none"> ▪ Performance <ul style="list-style-type: none"> ○ PMDS implemented; ○ Adherence to SDA's/contracts
<ul style="list-style-type: none"> ▪ Quality of infrastructure 	<ul style="list-style-type: none"> ○ End product according to specifications; and ○ Client satisfaction.

TABLE 5: PERFORMANCE MEASURES

The recommendation from the National Department of Education / Gauteng Provincial Treasury that the performance measures of the indicators above be adapted in line with the means of verification (MoV) as used in the requirements for a logframe will be addressed in the next Infrastructure Plan with the assistance of the IDIP PTAT.

9.2 Monitoring and Review Procedures

The following improvement plan has been adopted. This plan indicates the main activities to be addressed.:

ACTIVITY	DESCRIPTION	TIME FRAME
<p>1. Data Collection</p> <p>a) New and Developing Residential Areas</p> <p>b) Existing schools</p>	<p>New schools are built in new and developing areas. The data that must be collected for these areas are the number of residential/family units. This information is captured per education district on a spreadsheet.</p> <p>The system for collecting and capturing data needs to be formalised.</p> <p>This is linked to the updating of NEIMS. External party to be appointed</p>	<p>December 2009</p> <p>January 2010</p> <p>March 2011</p>

<p>2. Needs Analysis</p> <p>New Schools</p>	<p>The norm for the provisioning of new schools is 1 primary school per 1000 residential/family units and one secondary school per 2 primary schools. The Gap is determined by taking into consideration the existing number of schools as well as new schools being built/planned.</p>	<p>March 2010</p>
<p>Additions to existing schools</p> <p>Condition based Maintenance</p>	<p>Newly developed Norms and Standards by National Department of Education will be used as a guide line to determine the gap.</p> <p>The data collected with regards to condition must be categorised into emergencies and work that can be prioritised. The schools to be prioritised must be graded in terms of its relative state of repairs.</p>	<p>March 2010</p> <p>March 2010</p>

9.3 Monitoring and Review Procedures

No real monitoring and review took place over the past year due to capacity problems, although the Department is acutely aware that the Infrastructure Plan needs to be internalised. A comprehensive monitoring and reporting system will be developed in the months ahead, as part of the organisational capacity building strategy and IDIP work plan. The following monitoring procedures are already in place and should continue to be utilised and optimised:

- Monthly project review meetings with Implementing Agents;
- Regular programme review meetings;
- Monthly cash flow and progress reports;
- Regular, planned and ad hoc site inspections for progress and quality review;
- Monthly co-ordinating planning meetings with district physical planners;
- Monthly expenditure report to Chief Directorate: Finance;
- Quarterly reports to Provincial Treasury and National DoE;
- GDE Broad Management Team (BMT) meeting;
- GDE Senior Executive Management Team (SEMT) meeting;
- Weekly management/project review meetings; and
- Informal feedback and communication.

It is intended to have more formal feedback in terms of customer/client satisfaction be obtained through utilising existing monitoring and review mechanisms, such as the already established monthly co-ordinating planning meetings with district planners.

The Departments monitoring and reporting procedures are aligned with requirements stipulated by National Treasury and National DoE.



REFERENCES

AND

APPENDICES



REFERENCES

- CIDB Toolkit (Version 4-0) - Template 2t01: Infrastructure Plan
- The Presidency : Plan of Action
- Asgisa
- The Gauteng Provincial Growth and Development Plan
- The Strategic Plan of the Gauteng Department of Education (GDE)
- The South African Schools Act 86 of 1996
- The Public Finance Management Act (PFMA), 1999 (Act No. 1 of 1999, as amended by Act No. 29 of 1999)
- The Division of Revenue Act (DoRA), 2007 (Act 1 of 2007)
- The Infrastructure Delivery Improvement Programme (IDIP)
- The Occupational Health and Safety Act (OHSA)
- The Medium Term Expenditure Framework (MTEF)
- Service Delivery Agreement (SDA) between the Gauteng Department of Education (GDE) and the Gauteng provincial Department of Infrastructure Development (DID)
- Department of Education (DoE): Education Management Information System (EMIS)
- Department of Education (DoE): National Education Infrastructure Management System (NEIMS)



APPENDICES

APPENDIX A: Composite list of schools (Attached as an e-copy only)

APPENDIX B: Identifying and Prioritising Projects for Implementation

APPENDIX C: Description and Terms of Reference for Cost Model used in NEIMS

APPENDIX D: Project List for the 2010/11 MTEF period (Attached as an e-copy)

APPENDIX E: Existing Infrastructure (Attached as an e-copy)

APPENDIX F: GDE Schools Valuations (Attached as e-copy)

APPENDIX G: Working Document: Determining the maintenance need for schools in the Gauteng Department of Education (Attached e-copy)

APPENDIX H: Specification of Methods and Materials (Available as a hard copy only)

APPENDIX I: Organogram (Attached as a Word document)

APPENDIX J: Capacity Assessment – Findings and recommendations (Attached as an e-copy)

APPENDIX A:

Composite list of schools



EMIS No.	Institution Name	Education District	LearnerSum2010	Growth from 2009	Ave Class Size 2010
151290	RANDBURGSKOOL (KLINIEKSKOOL: GESTREMDE LEERLINGE)	JN	15	-37	2
151779	H. MOROSS ADOLESCENT SCHOOL	JE	21	4	2
400272	CROSS OVER JUNIOR REMEDIAL INDEPENDENT SCHOOL	ES	22	22	3
400255	EDUMORE CHRISTIAN ACADEMY	JS	31	16	3
400299	AFRICAN UNION INTERNATIONAL	JE	18	18	4
261156	SIZWE HOSPITAL SCHOOL.	JE	30	2	4
340208	HOËRSKOOL EMMASDAL	SE	23	-7	4
930603	JOSEPH DITSELE INTERMEDIATE FARM SCHOOL	GW	29	1	4
400304	MARTHE DE BRUIN SENTRUM	GN	29	29	4
400254	KALEIDERSCOPE SCHOOL	EN	25	13	4
400322	NOOITGEDACHT AKADEMIE SKOOL	GN	55	55	4
934237	MOLETI PRIMARY SCHOOL	GW	26	26	4
351578	CVO SKOOL PAULKRUGER	GE	48	40	4
931936	SEKOWA PRIMARY FARM SCHOOL	GW	35	35	4
400333	THE KEEP LEARNING CENTRE	GE	49	49	4
400320	JEPPE EDUCATION CENTRE - VEREENIGING	SE	38	38	5
131789	YESHIVATH TORAH EMETH COLLEGE	JE	25	-6	5
212175	CVO-KLEINFONTEIN, 368 JR	GN	47	-7	5
400341	BELLRONA ACADEMY	JW	32	32	5
400297	DAMELIN VAAL HIGH SCHOOL	SE	16	16	5
232702	ANCHOR CHRISTIAN ACADEMY	TS	70	5	5
211888	VILLAGE MONTESSORI HIGH SCHOOL	TS	33	11	6
250068	C.V.O. SKOOL WESRAND	GW	68	12	6
400294	CREDENCE COLLEGE	JS	68	68	6
311720	DIDASKOS CHRISTELIKE PRIVATE SKOOL	EN	57	-3	6
311639	IKWEZI-KHANYENG PRIMARY SCHOOL	EN	140	24	6
340216	HOËRSKOOL J.W. LUCKHOFF	SE	71	-74	6
241554	CVO MAGALIES	TW	54	18	6
400316	LAMBTON CHRISTIAN SCHOOL	ES	54	54	6
252197	REHOBOTSKOOL	JN	42	2	6
400062	DIE HEUWEL CHRISTIAN SKOOL	GE	79	4	6
400270	DIAKOMELO CHRISTIAN SCHOOL	ES	67	67	6
400289	INFINITY INTERNATIONAL ACADEMY	EN	49	49	6
400307	JUVENTUS PRIVAATSKOOL	SE	50	50	6
400144	REVIVAL CHRISTIAN SCHOOL	TW	82	21	6
212183	TIQWA SKOOL	TS	19	0	6
400256	THE KEY SCHOOL	JE	32	-1	6
400156	MORDEN MONTESSORI SCHOOL - LINBRO PARK	JE	46	-36	7
400158	MODERN MONTESSORI PRIMARY SCHOOL	JE	40	-23	7
134065	YESHIVA MAHARSH BESH AHARON COMMUNITY SCHOOL	JE	228	33	7
931595	PABALELO PRIMARY FARM SCHOOL	GW	41	-9	7
400190	LIFESTYLE MONTESSORI PRIMARY SCHOOL	JE	49	-86	7
400145	OLIVE LEIGH SECONDARY SCHOOL	JE	85	25	7

400189	THE VILLAGE WALDORF INDEPENDENT PRIMARY SCHOOL	TS	64	18	7
312158	BENONI CHRISTIAN SCHOOL	EN	93	13	7
252270	H.I.S. SCHOOL	GW	79	23	7
400181	EL TABERNACLE CHRISTIAN COLLEGE	SE	337	23	7
400170	SCHOOL OF TRANSFORMATION	EN	66	23	7
400319	THE WINGS OF LIFE PRIMARY	SW	22	22	7
400162	EXCEL CHRISTIAN SCHOOL	JE	96	18	7
131912	BARAGWANATH HOSPITAL SCHOOL	JC	180	41	8
342087	LIFE MINISTRIES CHRISTIAN SCHOOL	SE	105	17	8
400257	CENTURION REFORMIA ONAFANKLIKLE LAERSKOOL	TN	69	4	8
122184	AFRICA HOUSE COLLEGE	JS	85	5	8
332081	THE NET OF CHRIST CHRISTIAN SCHOOL	SE	96	12	8
211193	WATERKLOOF CHRISTENSKOOL	TS	89	-17	8
231456	TRANSORANJE-SKOOL VIR DOWES	TS	232	20	8
400324	EXCELSIOR ACADEMIC COLLEGE	ES	43	43	9
400141	UNITY COLLEGE	JN	113	15	9
930607	KAALPLAAS INTERMEDIATE FARM SCHOOL	GW	87	87	9
400129	ACADEMIC QUALITY EDUCATION COLLEGE	TN	115	-63	9
400092	CARPE DIEM ACADEMY	TS	143	32	9
231811	KALAFONG MIDDLE HOSPITAL SCHOOL	TS	72	10	9
141507	WALTER SISULU CHILD AND YOUTH CARE CENTRE	JN	118	48	9
212259	PROTEM LSEN SCHOOL	GN	91	-40	9
342072	COSMO PRIVATE SCHOOL	ES	73	12	9
400053	TYNDALE CHRISTIAN SCHOOL	TS	73	1	9
332122	IKHWEZILOKUSA CENTRE	SE	37	0	9
240721	DR GEORGE MUKHARI SCHOOL	TW	84	-30	9
350579	BOCHABELA PRIMARY FARM SCHOOL	GE	75	3	9
131870	ASTRA COLLEGE	JS	114	-66	10
211177	UNICASKOOL	TS	124	23	10
261677	OOS-RAND AKADEMIE	EN	134	21	10
261743	SONRISE CHRISTIAN SCHOOL	EN	134	21	10
151654	ST VINCENT SCHOOL	JE	307	49	10
400146	BOKSBURG CHRISTIAN ACADEMY	ES	125	22	10
130385	GLEN OAKS SCHOOL	JE	154	15	10
400034	FADIMEHANG MENTAL CARE	JW	39	-22	10
252429	JUBILEE CHRISTIAN SCHOOL	JW	130	-2	10
400177	MONTESSORI AFRICA JUNIOR PREP	JN	131	68	10
400290	KINGFISHER LEARNING CENTRE	JW	62	62	10
400258	RASLOW ACADEMY	TS	125	25	10
210948	NUWE HOOPSKOOL	TS	450	47	10
260661	BUZY BEE PRIMARY SCHOOL	EN	84	-8	11
400224	NASHVILLE CHRISTIAN COLLEGE	EN	42	-9	11
400013	BOLENG PRIMARY SCHOOL	JN	107	11	11
130401	GRANTLEY COLLEGE	JE	162	15	11
220517	SONITUSSKOOL	TS	357	20	11
212076	PRO-ED PREPARATORY SCHOOL	TS	98	0	11
400089	THE JOHANNESBURG CHEDER	JE	241	115	11
400176	JUNE NICHOLLS	SW	33	4	11

212068	PRETORIA PREPARATORY SCHOOL	TS	155	12	11
400301	THE TRAINING ACADEMY	EN	100	100	11
912394	PHELANG SPECIAL SCHOOL	TN	78	5	11
400285	DUO EDU SENIORONAFHANKLIKE SKOOL	TS	112	112	11
231985	MERIDIAN PRIVATE PRIMARY SCHOOL	TS	101	1	11
232454	PRINSHOFSKOOL	TW	373	50	11
341560	EKURHULENI SCHOOL FOR THE DEAF	ES	229	26	11
152744	MARIA MONTESSORI HOUSE PRIMARY SCHOOL	JN	126	31	11
161075	NORMANHUISSKOOL	EN	92	9	12
232447	PRETORIASKOOL VIR SEREBRAAL GESTREMDES	TW	369	23	12
400335	BOULDERS TECHNO PRIMARY SCHOOL	JE	58	58	12
400303	ELTURION INDEPENDENT CHRISTIAN SCHOOL	TS	105	105	12
400261	BILAL COLLEGE INDEPENDENT SCHOOL	JS	82	82	12
211482	LUCKY PRIMARY FARM SCHOOL	GN	82	-15	12
400321	BRAKPAN OPVOEDKUNDIGE SENTRUM	GE	211	211	12
270538	ROTARASKOOL	GW	176	176	12
400026	WILLOW RIDGE PRIVATE SCHOOL	JN	141	-18	12
240648	DOMINICAN SCHOOL FOR THE DEAF	TN	448	27	12
400161	GRAIGLANDS REMEDIAL SCHOOL	JE	71	-3	12
400165	MONTESSORI ACADEMY AND COLLEGE	GN	154	33	12
400167	LEEDS BUSINESS SCHOOL	JS	83	-133	12
270611	BARACHEL CHRISTIAN ACADEMY	GW	156	14	12
320119	LAERSKOOL KALABASFONTEIN	SW	96	-12	12
400135	PIERRE VAN RYNEVELD CHRISTIAN ACADEMY INDEPENDENT SCHOOL	TS	168	13	12
251900	SIZWILE SCHOOL FOR THE DEAF	JW	265	35	12
122268	NEW SOUTH BAPTIST CHRISTIAN CHURCH	JC	169	45	12
400142	NEW DAY CHRISTIAN ACADEMY	EN	97	23	12
331322	SIBONILE SCHOOL FOR THE BLIND	SE	183	17	12
400168	CEDARWOOD SCHOOL	JE	208	18	12
251306	DIE POORT PRIMARY FARM SCHOOL	GW	98	-26	12
330117	VCC EMMANUAL PRIVATE SCHOOL VANDERBIJLPARK CAMPUS	SW	209	18	12
120238	FRANCES VORWERGSKOOL	JS	394	44	12
400287	EAGLE HOUSE LEARNING CENTRE	JW	99	99	12
400103	PRO TEMPO AKADEMIE ONHAFHANKLIKE LAER SCKOOL	TS	99	15	12
252768	GRACE CHRISTIAN SCHOOL	JW	149	6	12
210070	CVO SKOOL PRETORIA	GN	174	16	12
161125	HERITAGE CHRISTIAN COLLEGE	EN	199	12	12
133017	ST MARY'S COLLEGE	JE	162	-11	12
400036	COURTNEY HOUSE	TS	175	25	13
400268	IMPACT TUTORIAL CENTRE	ES	75	75	13
241489	TSOSOLOSO SCHOOL	TN	301	-46	13
251397	FJ KLOPPERS PRIMARY FARM SCHOOL	GW	113	-8	13
122250	HIS MAJESTY EDUCATION INSTITUTE	JS	88	88	13
231332	HOSPITAALSKOOL PRETORIA HOSPITAL SCHOOL	TS	164	22	13
330670	THREE RIVERS CHRISTIAN ACDEMY	SE	215	33	13
133744	DOUG WHITEHEAD SCHOOL	JE	152	12	13
400259	MULBARTON REMEDIAL SCHOOL	JS	114	15	13
400101	TOMORROW'S PEOPLE INDEPENDENT PRIMARY SCHOOL	TS	178	26	13

400312	HARTFORD COLLEGE	JS	51	51	13
400343	ORBAN SCHOOL	JN	334	334	13
130609	JAPARI SCHOOL	JE	219	39	13
341552	EZIBELENI SCHOOL FOR PHYSICALLY DISABLED CHILDREN	ES	233	28	13
150375	CROSSROADS SCHOOL	JN	247	14	13
130377	FOREST TOWN SCHOOL	JE	325	1	13
132340	JOHANNESBURG HOSPITAL SCHOOL	JE	234	27	13
220087	QUEENSWOOD CHRISTIAN COLLEGE	TN	169	10	13
232330	ZODWA SCHOOL FOR MENTALLY HANDICAPPED LEARNERS	TS	196	-3	13
271304	ITUMELENG SCHOOL FOR SEVERELY MENTALLY HANDICAPPED	GW	170	-5	13
230136	ALMASKOOL	TN	249	24	13
251090	THE GATEWAY SCHOOL	JW	315	25	13
221333	TRANSVALIASKOOL/SCHOOL	TS	333	36	13
251165	WESRANDSE SKOOL / WEST RAND SCHOOL	GW	307	30	13
400175	WOODLAND PREPARATORY SCHOOL	GW	121	19	13
330100	DESTINATASKOOL	SE	502	39	14
400262	RAINBOW EDUCATION CENTRE	GE	150	150	14
400346	SWAN PRIMARY SCHOOL	JN	41	41	14
310581	MURIEL BRANDSKOOL	GE	480	38	14
400166	BEULAH INDEPENDENT PRIVATE SCHOOL	JW	151	66	14
134057	ST JAMES PREPARATORY SCHOOL	JE	124	2	14
400260	APPLETON COLLEGE INDEPENDENT SCHOOL	JN	69	-53	14
250977	RANT-EN-DAL KLINIEKSKOOL	GW	69	5	14
400302	WATERSRAND HIGH SCHOOL	JS	69	69	14
220145	GEREFORMEERDE LAERSKOOL JOHANNES CALVYN	TN	97	-1	14
310839	VOLKSKOOL BRAKPAN	GE	208	40	14
400005	PRINCEFIELD TRUST SCHOOL	TS	223	-73	14
211722	UKUTHULA PRIMARY FARM SCHOOL	GN	112	6	14
152397	THE AMERICAN INTERNATIONAL SCHOOL OF JOHANNESBURG	JE	869	124	14
110254	M.C. KHARBAI SCHOOL FOR THE DEAF	JS	267	35	14
133976	RADLEY COLLEGE	JN	141	28	14
312058	B-SURE INDEPENDENT SCHOOL	EN	127	5	14
261404	UKUKHULA PRIMARY FARM SCHOOL	EN	113	23	14
311746	FELICITASSKOOL / SCHOOL	GE	524	42	14
150094	BELLAVISTA SCHOOL	JE	213	18	14
400267	DOMINION HIGH SCHOOL	SW	71	71	14
400344	COGHLAN PRIMARY SCHOOL	JE	128	128	14
241787	CHARIS CHRISTIAN SCHOOL	TN	230	26	14
241422	TOMARIE PRIMARY FARM SCHOOL	TN	115	-39	14
310730	SHANAN CHRISTIAN SCHOOL	EN	187	32	14
133892	RADFORD HOUSE PRIMARY SCHOOL	JN	159	31	14
261164	SAFFOLA PRIMARY SCHOOL	EN	116	-165	15
130526	HIRCH LYONS SCHOOL	JE	396	73	15
350447	PROTEASKOOL / SCHOOL	GE	546	36	15
132712	PHILIP KUSHLICK	JC	414	57	15
400225	VINEYARD CHRISTIAN COLLEGE	GW	89	89	15
400048	SUNWARD CHRISTIAN ACADEMY	ES	193	35	15

162180	ITHEMBALIHLE SCHOOL	EN	209	36	15
321786	THABO-VUYO	SW	374	39	15
130187	BETH JACOBS GIRLS' HIGH SCHOOL	JE	90	6	15
400095	ALBERTINA SISULU SPECIAL SCHOOL	JW	226	46	15
310383	KATHSTAN COLLEGE	EN	423	26	15
152694	HEARTWOOD INDEPENDENT SCHOOL	JN	182	38	15
162379	HARTWELL PRIVATE SCHOOL	EN	243	8	15
400111	BRITISH INTERNATIONAL COLLEGE INDEPENDENT SCHOOL	JE	304	107	15
240689	FILADELFIA	TW	533	55	15
400014	ALMA MATER AKADEMIE	GW	382	39	15
130534	HOPE SCHOOL/SKOOL	JE	214	29	15
120154	THE HAMLET SCHOOL	JS	338	36	15
400340	QUEENS PRIVATE SCHOOL	TW	31	31	16
131482	SHA-AREI TORAH PRIMARY SCHOOL	JE	357	94	16
150250	CASA DO SOL SCHOOL	JN	187	12	16
131672	THE TORAH ACADEMY PRIMARY AND HIGH SCHOOL	JE	437	60	16
212241	THE WAY CHRISTIAN SCHOOL	TS	203	9	16
400072	LESEDI LA DITSHABA	TN	125	1	16
260075	CON AMORESKOOL / SCHOOL	EN	297	39	16
912396	REINOTSWE SPECIAL SCHOOL	TW	172	22	16
341800	ZIMELENI SCHOOL	ES	344	36	16
271478	BOITEKO PRIMARY SCHOOL	GW	235	235	16
400074	COTSWOLD MONTESSORI SCHOOL	EN	204	34	16
332073	WORD OF LIFE CHRISTIAN SCHOOL	SE	206	38	16
331652	HENLEY HIGH AND PREPARATORY SCHOOL	SE	222	9	16
152859	DAMELIN COLLEGE HIGH SCHOOL - RANDBURG	JN	191	31	16
350991	PHELANG	GE	446	87	16
122044	DON MATTERRA	JC	144	36	16
231415	MAGALIES SPECIAL SCHOOL	TN	673	45	16
132779	PUMLA SCHOOL FOR THE SEVERLY MENTALLY HANDICAPPED	JW	257	24	16
212285	CENTURION CHRISTIAN SCHOOL	TS	275	26	16
212233	CRESTA COLLEGE	TS	178	8	16
330118	EUREKASKOOL	SE	437	29	16
221325	VIA NOVA SCHOOL FOR THE MENTALLY DISABLED	TS	488	35	16
311621	USIZO LWETHU	EN	423	31	16
162172	ISIPHO SETHU SCHOOL	ES	570	88	16
111732	PUMELELA TRAINING CENTRE	JC	375	7	16
141531	AL-AZHAR INSTITUTE, JOHANNESBURG	JN	212	4	16
350058	DR. W.K. DU PLESSIS-SKOOL	GE	604	54	16
400339	SPRINGFIELD PREPARATORY SCHOOL	JE	49	49	16
400280	WELRIDGE ACADEMY	JW	180	180	16
160366	EAST RAND CHRISTIAN SCHOOL	EN	213	14	16
150391	DELTAPARKSKOOL	JN	558	68	16
152835	NOKUTHULA SCHOOL	JE	329	24	16
250993	ROODEPARKSKOOL	JW	823	68	16
400051	JACARANDA ACADEMY	EN	214	23	16
270082	GOUDWESSKOOL	GW	346	346	16
932312	VISNET INTERMEDIATE FARM SCHOOL	GW	132	24	17

110429	HARVEST CHRISTIAN SCHOOL	JS	446	65	17
400296	SILOAM ACADEMY OF LEARNING	GE	116	116	17
133918	JORDAO COLLEGE	JS	133	3	17
211458	KNOPPIESFONTEIN PRIMARY FARM SCHOOL	GN	133	0	17
230094	SUNRISE SCHOOL	TS	133	15	17
400284	CURRO HAZELDEAN PRIVATE SCHOOL	GN	656	656	17
400292	HOPE FOUNTAIN COMBINED COLLEGE	JE	118	118	17
400201	THEMBEKILE PRIMARY SCHOOL	JE	118	118	17
230953	LAERSKOOL PRESDA	GN	135	3	17
111922	GIBSON PILLAY LEARNING ACADEMY	JS	220	4	17
231365	PROSPECTUS NOVUSSKOOL	TN	492	31	17
400315	COOPER COLLEGE	JN	51	51	17
121772	SPARROW COMBINED	JS	289	-23	17
133652	ADELAIDE TAMBO SCHOOL	JC	409	34	17
211672	SIZANANI SPECIAL SCHOOL	GN	171	71	17
133066	TAKALANI	JN	240	38	17
340372	SEDAVEN PRIMARY SCHOOL	SE	155	17	17
340778	MASIZAKHE PRIMARY SCHOOL	SE	138	-44	17
120527	FUTURASKOOL	JC	277	95	17
400313	GREENLANE COLLEGE	JE	104	104	17
232653	PRETORIA HINDU SCHOOL	TS	208	-7	17
133843	EDEN COLLEGE	JE	555	4	17
210922	MAX STIBBE SCHOOL	GN	192	-11	17
250852	LANTERNSKOOL	JW	716	23	17
261271	ST MATTHEWS PRIMARY SCHOOL (KEMPTON PARK)	EN	140	24	18
122276	ELDORADO PARK MUSLIM SCHOOL	JC	158	24	18
140046	CORONATION TRAINING CENTRE	JN	159	24	18
110379	COVENANT COLLEGE	JS	283	-12	18
400045	J&J PRIVATE PRIMARY SCHOOL	JW	195	-11	18
400041	GREENACRES PRIVATE HIGH SCHOOL	SE	89	11	18
132134	EDUCATIONAL PROGRAMMES CENTRE	JE	232	82	18
341495	VAALDAM PRIMARY FARM SCHOOL	SE	144	30	18
250290	PRO-PRACTICUM SCHOOL	GW	829	47	18
340323	SPARROWS PRIVATE SCHOOL	ES	271	30	18
261727	MARANATHA CHRISTIAN SCHOOL	EN	452	120	18
400143	JUBILATE PRIMARY SCHOOL	JE	236	31	18
151357	RHEMA CHRISTIAN SCHOOL	JN	437	36	18
161745	LEEUFHOF AKADEMIE	EN	803	24	18
211029	PRETORIA CHINESE SCHOOL	TS	365	42	18
211706	THERESO PRIMARY FARM SCHOOL	GN	146	-33	18
211771	WAGENDRIFT PRIMARY FARM SCHOOL	GN	146	9	18
111039	MICHAEL SEAGENG PRIMARY SCHOOL	JC	55	-15	18
310144	BELVEDERESKOOL	EN	624	16	18
400305	TYGER VALLEY COLLEGE	GN	425	425	18
341388	TIKELo PRIMARY FARM SCHOOL	SE	148	1	19
133124	THE FOUNDATION SCHOOL	JN	278	49	19
400148	VILLAGE MONTESSORI PRIMARY SCHOOL	TS	204	-27	19
132803	RAND PREPARATORY PRIMARY SCHOOL	JE	354	-4	19
220129	DEUTSCHE SCHULE PRETORIA	TS	785	63	19

400032	BRANDCLIFF HOUSE	JN	188	21	19
121533	MATUBENG PRIMARY SCHOOL	JC	151	-50	19
131011	YESHIVA COLLEGE PRIMARY SCHOOL	JE	398	3	19
110650	EMSENI PRIMARY SCHOOL	JC	627	48	19
132233	FRED CLARC PRIMARY SCHOOL	JC	171	-26	19
150714	KING DAVID PRIMARY (VICTORY PARK) SCHOOL	JN	380	38	19
221490	MERVYN HARVEY EDUCATION CENTRE	TS	133	-31	19
110361	RANDEORSKOOL	JC	784	56	19
131201	PATERSON PARK SCHOOL	JE	153	39	19
134031	WITS TUTORIAL COLLEGE	JE	153	-117	19
340075	ALBERTON CHRISTIAN ACADEMY	ES	287	35	19
110130	JISWA TRAINING CENTRE	JS	384	48	19
130807	LAERSKOOL JAN CELLIERS	JN	540	41	19
152579	NEST PHUTHING SECONDARY SCHOOL	JE	521	40	19
151803	THE KING'S SCHOOL LINBRO	JE	309	44	19
400194	AURORA PRIMARY INDEPENDENT SCHOOL	GE	174	48	19
400123	OPRAH WINFREY LEADERSHIP ACADEMY FOR GIRLS - SOUTH AFRICA	SE	348	62	19
331992	SIYAPHAMBILI SECONDARY SCHOOL	JS	368	-125	19
350397	OLYMPIA PARKSKOOL	GE	602	-539	19
232025	NEW DAWN COLLEGE	TS	136	-24	19
160226	BISHOP BAVIN SCHOOL-ST GEORGE'S	EN	548	4	20
130260	DEUTSCHE SCHULE JOHANNESBURG	JN	1024	-5	20
250696	LAERSKOOL HEKPOORT	GW	178	36	20
231712	GREENWOOD COLLEGE	TS	317	47	20
161364	SAHETI SCHOOL	EN	1051	-55	20
260158	KEMPTON PANORAMASKOOL	EN	636	35	20
121186	VERNEY COLLEGE	JS	358	39	20
400124	GLOBAL COMBINED COLLEGE	EN	478	-57	20
400345	HAYWOOD COLLEGE	TW	80	80	20
400331	PRETORIA CENTRAL HIGH SCHOOL	TS	120	120	20
221408	TSHEGOFATSONG SPECIAL SCHOOL	TS	240	95	20
152512	UNITED SISTERHOOD MITZVAH	JE	40	5	20
400323	OLYMPIA PARK KWA-THEMA	GE	582	582	20
161398	SCHOOL OF ACHIEVEMENT/PRESTASIESKOOL	ES	743	38	20
261339	THEMBINKOSI FOR SMH	EN	462	70	20
310755	ST COLUMBA'S SCHOOL	EN	402	26	20
400125	AL GHAZALI INDEPENDENT SCHOOL	TS	262	-7	20
131664	THE RIDGE PREPARATORY SCHOOL	JN	484	34	20
132522	MOHLODING PRIMARY SCHOOL	JC	101	6	20
400273	CHARTER INDEPENDENT COLLEGE	JW	122	122	20
400157	WOODLANDS INTERNATIONAL COLLEGE	EN	651	106	20
330316	KRUGERLAANSKOOL	SE	550	0	20
150037	SUMMERHILL PREPARATORY SCHOOL & NURSERY SCHOOL	JE	552	60	20
400173	ABBOTTS COLLEGE-NORTHCLIFF	JN	246	3	21
350546	VERITAS COLLEGE	GE	821	100	21
252205	AURORA COLLEGE	JN	1109	-42	21
251108	THE KING'S COLLEGE WEST RAND	JW	683	71	21
400328	EASTRIDGE CHRISTIAN SCHOOL	JE	207	207	21

130476	HELPMEKAAR PRIVAATSKOOL	JE	768	70	21
400252	WATERSTONE COLLEGE	JS	833	259	21
150540	GRESSWOLD SENIOR SCHOOL	JE	729	49	21
211367	EMATSHENI PRIMARY FARM SCHOOL	GN	188	-63	21
230912	LAERSKOOL KAMEELDRIFT	TW	314	104	21
151464	SAGEWOOD SCHOOL	JE	691	59	21
230748	KWAGGASRANDSKOOL	TS	587	42	21
131417	SACRED HEART COLLEGE	JE	902	-19	21
252346	AZAADVILLE MUSLIM SCHOOL	GW	504	13	21
330894	JOHWETO PRIVATE PRIMARY SCHOOL (? SWEET WATER)	JS	252	9	21
400046	MONTESSORI PRIVATE PRIMARY SCHOOL	GE	231	45	21
400136	SAMA INDEPENDENT PRIMARY AND SECONDARY SCHOOL	JN	547	130	21
251470	ITIRELENG SCHOOL FOR SEVERLY MENTALLY HANDICAPPED	GW	169	14	21
400342	SIYAFUNDA SCHOOL 4 BOYZ	TN	169	169	21
130278	DOMINICAN CONVENT SCHOOL (BELGRAVIA)	JE	803	92	21
151787	THE KING'S SCHOOL (ROBIN HILLS)	JN	782	22	21
400004	HARVEY JUNIOR EDUCATION	TN	296	-1	21
131037	NATIONAL SCHOOL OF THE ARTS	JS	529	5	21
111666	NUR-UL-ISLAM SCHOOL	JC	297	136	21
132100	DUNCTONWOOD PRIMARY SCHOOL	JE	149	102	21
122309	HORIZON INTERNATIONAL HIGH SCHOOL	JS	149	19	21
140970	THAKHISA PRIMARY SCHOOL	JW	171	-2	21
400127	SAMELSON COLLEGE	SW	107	-31	21
150706	KING DAVID PRIMARY (SANDTON) SCHOOL	JE	407	40	21
330084	BROADLANDS SCHOOL	SE	150	13	21
161471	ST CATHERINE'S DOMINICAN CONVENT	ES	536	54	21
231571	CENTRAL ISLAMIC SCHOOL	TS	601	59	21
311365	MATSHEDISO	GE	365	80	21
400097	EDUPLEX INDEPENDENT SCHOOL	TN	475	67	22
312116	ASHTON INTERNATIONAL COLLEGE	EN	735	70	22
132852	ROBIN HOOD PRIVATE SECONDARY SCHOOL	JS	173	61	22
400134	SATHYA SAI PRIMARY SCHOOL LENASIA SOUTH	JS	173	14	22
232725	PRETORIA MUSLIM TRUST SUNNI SCHOOL	TS	455	80	22
111708	CALVARY CHRISTIAN COLLEGE	JS	347	149	22
160267	CHRISTIAN BROTHERS' COLLEGE	ES	933	14	22
210633	LAERSKOOL ANTON VAN WOUW	TS	825	78	22
151902	VULEKA PRIMARY SCHOOL	JE	608	24	22
240945	MEDICOS	TW	305	74	22
141184	WEST RAND SDA PRIMARY SCHOOL	JN	305	10	22
150698	KING DAVID HIGH SCHOOL (VICTORY PARK)	JN	436	-1	22
400253	MANDORREN ACADEMIC AND SPORTS SCHOOL	EN	436	15	22
312091	BENONI MUSLIM SCHOOL	EN	570	-39	22
131771	YESHIVA COLLEGE OF SOUTH AFRICA	JE	307	24	22
400295	BUCCHLEUCH MONTESSORI PRIMARY SCHOOL	JE	329	329	22
230805	LAERSKOOL BROEDERSTROOM	TW	329	-7	22
212100	ALTHEA INDEPENDENT SCHOOL	GN	351	42	22
251884	SETLOLAMATHE PRIMARY SCHOOL	GW	724	30	22
252304	CROWN CHRISTIAN SCHOOL	JW	440	86	22

231977	MERIDIAN COLLEGE	TS	220	30	22
310136	ASHBURY PREPARATORY SCHOOL	EN	463	5	22
152786	CRAWFORD COLLEGE - SANDTON	JE	663	29	22
121434	JABAVU-OOS PRIMARY SCHOOL	JC	221	-84	22
131342	RAND TUTORIAL COLLEGE	JE	465	34	22
161810	INDIVIDUAL TEACHING COLLEGE	ES	288	-12	22
400310	LEAP SCIENCE AND MATHS SCHOOL (INDEPENDENT)	JE	133	133	22
232215	SA COLLEGE SCHOOL	TN	466	4	22
150524	GRAYSTON PREPARATORY SCHOOL	JE	644	31	22
141549	NORTH WEST CHRISTIAN SCHOOL	JN	400	52	22
331694	ASSEMBLIES OF GOD COLLEGE	SE	289	74	22
350504	SPRINGS MUSLIM SCHOOL	GE	378	3	22
152231	LYCEE FRANCAIS JULES VERNE	JE	847	57	22
151225	PRIDWIN PREPARATORY SCHOOL	JE	357	35	22
121749	SEKWATI PRIMARY SCHOOL	JC	201	-7	22
150748	KINGSMEAD COLLEGE	JE	805	25	22
400160	HAMMANSKRAAL ELITE PRIMARY SCHOOL	GN	157	6	22
130138	AUCKLAND PARK PREPARATORY SCHOOL	JN	292	20	22
160176	BEDFORDVIEW CHRISTIAN COLLEGE	EN	719	58	22
330449	LAERSKOOL SUIKERBOS	SE	495	81	23
270868	LOURENSIA PRIMARY FARM SCHOOL	GW	225	27	23
220095	CHRISTIAN BROTHERS' COLLEGE MOUNT EDMUND	TS	743	68	23
400266	CITY KIDZ PRIMARY SCHOOL	JS	248	248	23
400039	WOODHILL COLLEGE	GN	1244	72	23
914110	GA-RANKUWA TECHNICAL AND COMMERCIAL HIGH SCHOOL	TW	181	68	23
231472	WATERKLOOF HOUSE PREPARATORY	TS	432	21	23
151993	ALEXANDRA COMMERCIAL HIGH SCHOOL	JE	91	11	23
150847	LAERSKOOL UNIKA	JN	820	113	23
152733	CRAWFORD PREPARATORY FOURWAYS	JE	616	616	23
151811	THE KING'S SCHOOL BRYANSTON	JE	526	69	23
132365	KNOWLEDGE IS VIRTUE ACADEMY	JS	298	-121	23
211086	ST MARY'S DIOCESAN SCHOOL FOR GIRLS	TS	873	20	23
220137	GEREFORMEERDE GEKOMBINEERDE SKOOL DIRK POSTMA	TN	323	-11	23
251058	ST URSULA'S SCHOOL	GW	531	3	23
231704	CONFIDENCE COLLEGE (GOOD SAMARITAN)	TW	185	-222	23
400073	HERON BRIDGE COLLEGE	JN	1346	77	23
400228	NEW CREATION LEARNING ACADEMY	ES	209	4	23
251041	ST CATHERINE'S CONVENT SCHOOL	JW	418	22	23
160523	HOLY ROSARY CONVENT SCHOOL	EN	976	32	23
400096	REDDAM HOUSE PRIVATE SCHOOL	JE	465	37	23
140954	SIVELILE PRIMARY SCHOOL	JW	186	-50	23
230961	LAERSKOOL PRETORIA-OOS	TS	489	41	23
211599	EDENDALE PEPPS SCHOOL	GN	583	79	23
152199	KINGSWAY CENTRE OF CONCERN	JN	280	23	23
210864	LAERSKOOL WITPOORT NR 224	GN	280	26	23
400090	CHARTER HOUSE PREPARATORY	JW	961	64	23
270280	LAERSKOOL DE BEER	GW	211	-5	23
241562	PRINCESS PARK COLLEGE ROSSLYN	TW	258	-112	23

161497	ST DOMINIC'S SCHOOL	ES	1057	26	23
400187	ABC PRIMARY SCHOOL	TW	235	91	24
230219	CRAWFORD PREPARATORY PRETORIA	TS	564	24	24
130740	KING DAVID SCHOOL-LINKSFIELD	JE	754	57	24
250191	HOËRSKOOL BASTION	GW	1155	-159	24
311704	ACTONVILLE TRAINING CENTRE	EN	449	102	24
212209	DOXA DEO CHRISTIAN SCHOOL	GN	757	92	24
251603	MAGALIESBURG GROUP OF SCHOOLS	GW	213	-76	24
331702	ROSHNEE ISLAMIC SCHOOL	SE	568	72	24
220434	LORETO SCHOOL	TN	403	8	24
141143	VERITAS SECONDARY SCHOOL	JW	261	-58	24
140475	ELITHENI PRIMARY SCHOOL	JN	190	49	24
400291	SOUTH DOWNS COLLEGE	TS	879	879	24
121095	ST MARTIN'S SCHOOL	JS	642	42	24
133074	TASK ACADEMY SCHOOL	JN	381	-39	24
241471	TSHWANE CHRISTIAN SCHOOL	TN	501	4	24
133421	KING DAVID PRIMARY SCHOOL LINKSFIELD	JE	478	23	24
152611	CRAWFORD PREPARATORY SANDTON	JE	1150	51	24
133769	JOHANNESBURG MUSLIM SCHOOL	JS	1174	44	24
261685	SHANGRI-LA ACADEMY SCHOOL	EN	623	16	24
151621	ST STITHIANS COLLEGE	JN	2686	138	24
130203	CONVENT OF THE HOLY FAMILY	JE	600	50	24
252247	MEZODO VOCATIONAL SKILLS CENTRE	JW	264	11	24
161828	INSTITUTE STATUS ACRES SECONDARY SCHOOL	ES	385	-27	24
400169	MIDSTREAM COLLEGE	EN	1685	220	24
400093	AGAPE PRIMARY SCHOOL	JW	313	16	24
133249	VECTOR HIGH SCHOOL	JS	289	-25	24
152728	DAINFERN COLLEGE	JN	1085	60	24
400091	CHRIST CHURCH SCHOOL	JE	579	65	24
162032	SA INTERNATIONAL COLLEGE OF EDUCATION	ES	218	-9	24
211995	JABULANI JUNIOR PRIMARY PRIVATE SCHOOL	GN	412	-9	24
210757	LAERSKOOL MENLOPARK	TS	897	71	24
914245	BUSY BEE JUNIOR PRIMARY SCHOOL	TN	631	48	24
252883	VICTORY HOUSE PRIVATE SCHOOL	JW	608	79	24
152603	BEAULIEU PREPARATORY SCHOOL	JE	391	16	24
231035	LAERSKOOL WONDERBOOM-SUID	TN	416	16	24
131524	ST JOHN'S COLLEGE	JE	735	37	25
210740	LAERSKOOL LYNNWOOD	TS	1005	180	25
210138	HATFIELD CHRISTIAN SCHOOL	TS	711	28	25
241620	LAERSKOOL KAMEELFONTEIN	GN	221	-32	25
160135	ASSUMPTION CONVENT	EN	541	35	25
131904	BANTORI COLLEGE	JS	197	-9	25
241042	ONDERSTEEPOORT PRIMARY SCHOOL	TN	197	25	25
133454	GOUDVELD VAARDIGHEIDSSKOOL	JN	739	53	25
210823	LAERSKOOL TYGERPOORT	GN	838	90	25
310763	ST DUNSTAN'S MEMORIAL DIOCESAN SCHOOL	EN	1185	65	25
400029	MARAGON SCHOOL	JW	1506	203	25
232199	PRINCESS PARK SECONDARY SCHOOL & COLLEGE	TW	519	9	25
331470	VAAL ED U COLLEGE PRIVATE	SE	544	100	25

150805	BRYANSTON PARALLEL MEDIUM SCHOOL	JE	916	22	25
150961	MICHAEL MOUNT WALDORF SCHOOL	JE	669	26	25
261735	SOLID FOUNDATIONS PRIVATE SCHOOLS	EN	273	21	25
152778	CRAWFORD PREPARATORY LONEHILL	JE	672	58	25
151324	REDHILL SCHOOL	JE	1195	606	25
150359	CRAIGHALL PRIMARY SCHOOL	JE	598	36	25
250811	LAERSKOOL PROTEARIF	GW	648	8	25
161448	ST BENEDICT'S COLLEGE	EN	1421	58	25
152801	KYALAMI PREPARATORY SCHOOL	JE	399	16	25
131979	BOPHELO-IMPILO PRIVATE	JN	550	0	25
260794	ESSELEN PARK SPORT SCHOOL OF EXCELLENCE	EN	125	5	25
152702	TRINITY HOUSE PREPARATORY SCHOOL	JN	1203	94	25
111682	S B S M PRIVATE SCHOOL	JC	752	68	25
150425	FAIRWAYS PRIMARY SCHOOL	JE	552	7	25
140129	ST THERESA'S CONVENT SCHOOL	JN	377	-5	25
211417	FOXTROT PRIMARY FARM SCHOOL	GN	176	11	25
250597	LA SALLE COLLEGE	JW	327	2	25
131540	ST JOHN'S PREPARATORY	JE	629	26	25
151647	ST TERESA'S MERCY SENIOR PRIMARY AND HIGH SCHOOL	JE	428	31	25
212225	CORNWALL HILL COLLEGE	TS	1790	74	25
231043	LORETO CONVENT SCHOOL	TS	807	85	25
150839	LAERSKOOL LOUW GELDENHUYS	JN	656	43	25
211094	ST PAULUS LAERSKOOL	TS	656	60	25
151605	ST PETER'S PREPARATORY SCHOOL	JE	960	96	25
400100	AL-ASR EDUCATIONAL INSTITUTE SECONDARY SCHOOL	TS	127	19	25
250787	LAERSKOOL MULDERSDRIF	GW	560	88	25
130880	MARYVALE COLLEGE	JE	484	57	25
141523	BOSMONT MUSLIM SCHOOL	JN	357	21	26
260596	WINDSOR HOUSE ACADEMY	EN	153	22	26
133223	UNITED CHURCH PREPARATORY SCHOOL	JS	536	-122	26
250837	LAERSKOOL ROODEKRANS	JW	919	92	26
132217	ESE PRIVATE PRIMARY SCHOOL	JS	230	30	26
161430	ST ANDREWS SCHOOL FOR GIRLS	EN	1050	80	26
251785	RAND GOLD PRIMARY FARM SCHOOL	GW	205	5	26
400025	AL-ASR EDUCATIONAL INSTITUTE	TS	231	8	26
350272	LAERSKOOL HANNES VISAGIE	GE	462	32	26
150110	BLAIRGOWRIE PRIMARY SCHOOL	JN	746	42	26
141044	TLHOKOMELO PRIMARY SCHOOL	JW	206	28	26
130310	EMMARENTIA PRIMARY SCHOOL	JN	541	61	26
150383	DE LA SALLE HOLY CROSS COLLEGE	JN	1006	35	26
310904	BENONI EDUCATIONAL COLLEGE	EN	387	-53	26
260331	LAERSKOOL BREDELL	EN	388	0	26
331348	SKANSDAM PRIMARY FARM SCHOOL	SE	207	43	26
232371	DANSA INTERNATIONAL COLLEGE	TS	699	64	26
232090	PEPPS MOTHEONG PRIMARY SCHOOL	TS	466	21	26
131490	SHEIKH ANTA DIOP COLLEGE	JS	751	-144	26
210682	LAERSKOOL DU PREEZ VAN WYK	GN	804	-27	26
400171	CHARITY AND FAITH COMMUNITY	TS	415	66	26

220756	LOMPEC INDEPENDENT PRIMARY AND SECONDARY SCHOOL	TS	597	382	26
400008	FOUNDERS COMMUNITY SCHOOL	TS	468	-74	26
221458	GOTTFRIED CHRISTELIKE PRIVAAT SKOOL	TW	338	23	26
131565	ST KATHARINE'S PREPARATORY SCHOOL	JN	208	7	26
930928	LOSBERG PRIMARY SCHOOL	GW	443	43	26
111583	LENASIA MUSLIM SCHOOL	JS	1251	33	26
152348	SEKOLO SA BOROKGO SCHOOL	JN	313	49	26
151456	ROSEBANK PRIMARY SCHOOL	JE	601	61	26
241315	SOSHANGUVE TECHNICAL SECONDARY SCHOOL	TW	1204	-305	26
140368	ST BARNABAS COLLEGE	JN	420	26	26
240028	ASSUMPTION CONVENT SCHOOL	TW	421	46	26
400183	ABBORT'S COLLEGE-PRETORIA EAST	GN	264	36	26
150813	LAERSKOOL FONTAINEBLEAU	JN	740	64	26
132548	MOKOROTLO PRIMARY SCHOOL	JC	370	-68	26
151571	ST DAVID'S MARIST COLLEGE	JE	1217	59	26
400288	ITHUBA COMUNITY COLLEGE	ES	159	159	27
152752	ST PETER'S COLLEGE	JE	530	16	27
210203	PRO ARTE ALPHEN PARK	TS	796	20	27
161059	MARTIN PRIMARY SCHOOL	ES	956	42	27
152715	TRINITY HOUSE HIGH SCHOOL	JN	664	27	27
162214	ST MICHAEL'S PRIMARY SCHOOL	ES	425	26	27
400035	BEAULIEU COLLEGE	JE	399	33	27
132464	MAHLASEDI HIGH SCHOOL	JS	1065	1065	27
121376	HOERNLE PRIMARY SCHOOL	JC	80	21	27
230979	LAERSKOOL RIVIERA	TN	534	60	27
250605	LAERSKOOL BEKKER	GW	509	46	27
310466	LAERSKOOL BRENTWOODPARK	EN	670	58	27
151597	ST MARY'S SCHOOL FOR GIRLS	JE	1072	73	27
320093	LAERSKOOL FRIKKIE MEYER	SW	429	-29	27
320010	DIE ANKERSKOOL	SW	457	47	27
400087	PRETORIA SECONDARY SCHOOL	TS	592	-104	27
130971	MCAULEY HOUSE SCHOOL	JN	727	58	27
231316	PRETORIA BOYS' HIGH SCHOOL	TS	1616	91	27
130443	GREENSIDE PRIMARY SCHOOL	JN	485	61	27
150482	FRANKLIN D ROOSEVELT PRIMARY SCHOOL	JN	782	-6	27
131359	ROEDEAN SCHOOL (SA)	JE	836	48	27
160572	HOËRSKOOL EDENVALE	EN	405	0	27
210708	LAERSKOOL FLEUR	TS	702	81	27
321018	MOGOGODI PRIMARY SCHOOL	SW	270	39	27
141093	TSOGANG PRIMARY SCHOOL	JW	189	-9	27
140244	LAERSKOOL FAIRLAND	JN	1054	103	27
250720	LAERSKOOL HORISON	JW	922	42	27
340398	AKANYANG PRIMARY SCHOOL	ES	217	-465	27
232462	LAERSKOOL HENNOPSRIVIER	TS	217	22	27
312124	EAST RAND SCHOOL OF ARTS	EN	462	-41	27
250704	LAERSKOOL HELDERKRUIJN	JW	870	37	27
311696	ST FRANCIS COLLEGE	EN	653	53	27
400028	AL-AQSA EXTENSION 10 SCHOOL	JS	490	35	27
152760	INKANYEZI WALDORF CENTRE	JE	327	-14	27

340257	LAER VOLKSKOOL HEIDELBERG	SE	654	50	27
330324	LAERSKOOL D F MALHERBE	SW	656	30	27
350470	SPRINGS BOYS' HIGH SCHOOL	GE	766	-1	27
240820	KODUMELA PRIMARY SCHOOL	TN	220	12	28
210765	LAERSKOOL MONUMENTPARK	TS	936	120	28
330365	LAERSKOOL EMFULENIPARK	SW	799	65	28
161000	LAERSKOOL WESTWOOD	EN	634	8	28
350603	EFFORT PRIMARY FARM SCHOOL	SE	221	26	28
260166	KEMPTON PARK PRIMARY SCHOOL	EN	829	80	28
160416	EDENVALE HIGH SCHOOL	EN	1162	62	28
132506	MOETAPELE PRIMARY SCHOOL	JC	249	20	28
210658	LAERSKOOL CONSTANTIPARK	TS	1582	183	28
140665	KWA-MAHLOBO SECONDARY SCHOOL	JW	472	-156	28
270348	LAERSKOOL OOS-DRIEFONTEIN	GW	472	46	28
400098	DALPARK LEARNING ACADEMY	GE	306	51	28
311225	LEE RAND HIGH SCHOOL	EN	334	3	28
400281	ST ATHANASIUS ORTHODOX CHRISTIAN SCHOOL	EN	223	223	28
330183	HOËRSKOOL OVERVAAL	SE	502	-82	28
131128	PARKTOWN BOYS' HIGH SCHOOL	JE	809	6	28
260711	ELITE COLLEGE	EN	279	-10	28
151407	RIVONIA PRIMARY SCHOOL	JE	922	38	28
221184	VLAKFONTEIN SECONDARY SCHOOL	TS	922	-273	28
150623	HOËRSKOOL LINDEN	JN	643	30	28
321133	MOTSEWAPELE PRIMARY SCHOOL	SW	224	-49	28
400200	RONDEBULT INDEPENDENT PRIMARY SCHOOL	ES	196	56	28
160895	LAERSKOOL DIE PRESIDENT	EN	589	-14	28
230813	LAERSKOOL WESTERLIG	TW	561	17	28
250670	LAERSKOOL GENERAAL DE LA REY	JW	562	17	28
400298	OUR LADY OF WISDOM	JN	562	562	28
140236	LAERSKOOL ESPERANZA	JN	534	45	28
220384	LAERSKOOL SKUILKRANS	TS	1012	28	28
120808	MARIST BROTHERS COLLEGE	JS	1294	41	28
133694	BLUE HILLS COLLEGE	JE	507	52	28
312174	DALPARK PRIVATE SCHOOL	GE	338	41	28
930375	FOCHVILLE PRIMARY SCHOOL	GW	733	2	28
260323	LAERSKOOL BIRCHLEIGH	EN	762	-23	28
400271	NORTHWOOD INDEPENDENT HIGH SCHOOL	TN	254	254	28
320168	LAERSKOOL VAALRIVIER	SW	452	30	28
151498	SANDOWN HIGH SCHOOL	JE	565	20	28
120543	HIGHVELD PRIMARY SCHOOL	JS	989	59	28
150227	BRYANSTON PRIMARY SCHOOL	JE	876	43	28
210716	LAERSKOOL GARSFONTEIN	TS	1472	122	28
400282	MODERN CHRISTIAN SCHOOL	EN	255	255	28
320812	MODISHU LEKASHU PRIMARY SCHOOL	SW	255	-2	28
132720	PHOENIX COLLEGE OF JOHANNESBURG	JS	567	127	28
220426	LAERSKOOL VOORPOS	TN	879	29	28
261313	TERSIA KING LEARNING ACADEMY	EN	1107	130	28
150631	HOËRSKOOL RANDBURG	JN	710	0	28
150664	I R GRIFFITH PRIMARY SCHOOL	JN	852	26	28

151365	RISIDALE PRIMARY SCHOOL	JN	853	53	28
130948	MAYFAIR CONVENT	JS	654	11	28
130765	KING EDWARD VII SCHOOL	JE	1167	96	28
912363	BETHESDA SPECIAL SCHOOL	TW	171	26	29
240341	LAERSKOOL VISSERSHOEK	TW	228	4	29
321547	SEDIBENG SA THUTO	SW	228	-11	29
330415	LAERSKOOL REPUBLIEK	SE	314	51	29
220186	HOËRSKOOL SILVERTON	TS	543	-20	29
160978	LAERSKOOL M W DE WET PRIMARY SCHOOL	EN	458	33	29
240879	LEEUFONTEIN PRIMARY FARM SCHOOL	GN	229	22	29
400306	EVELINE INDEPENDENT SCHOOL	JE	344	344	29
250209	HOËRSKOOL BEKKER	GW	689	29	29
160861	LAERSKOOL BAANBREKER	ES	890	13	29
231621	ED-U-COLLEGE SECONDARY SCHOOL	TS	316	16	29
340224	KENTON PRIMARY SCHOOL	ES	805	15	29
210047	BROOKLYN PRIMARY SCHOOL	TS	719	-14	29
121558	MOCHOCHONONO PRIMARY SCHOOL	JC	259	19	29
241117	PRESTIGE COLLEGE	TN	1094	112	29
310813	TOM NEWBY SCHOOL	EN	980	-20	29
151019	MONTROSE PRIMARY SCHOOL	JE	923	75	29
130336	FAIRSAND PRIMARY SCHOOL	JE	636	92	29
131193	PARKVIEW SENIOR SCHOOL	JN	376	21	29
230391	IONA CONVENT	TN	492	46	29
210690	LAERSKOOL ELARDUSPARK	TS	1071	-30	29
211078	ST ALBAN'S COLLEGE	TS	579	30	29
150201	BRYANSTON HIGH SCHOOL	JE	1018	1	29
134007	METROPOLITAN COLLEGE	JS	495	39	29
230938	LAERSKOOL MAYVILLE	TN	758	91	29
400059	OXFORD COMBINED COLLEGE	EN	554	7	29
270272	LAERSKOOL DAGBREEK	GW	729	44	29
310524	LAERSKOOL NORTHMEAD	EN	701	56	29
111906	AL-AQSA SCHOOL	JC	409	11	29
400081	ROSINA SEDIBANE-MODIBA SCHOOL	TS	263	-57	29
260406	LAERSKOOL KRUINSIG	EN	1024	67	29
310557	LAERSKOOL RYNFIELD	EN	907	-4	29
160887	LAERSKOOL DELVILLE	ES	820	-59	29
210807	LAERSKOOL ROOIHUISKRAAL	TS	1406	127	29
230789	LAERSKOOL BOEREFORT	TN	557	43	29
240770	KGOMOTSO SECONDARY SCHOOL	TN	880	-83	29
330423	LAERSKOOL RISIVILLE	SE	704	35	29
131052	NORWOOD PRIMARY SCHOOL	JE	616	37	29
133173	PROGRESSIVE BRIDGING SCHOOL (EX THUTHUKA PRIMARY)	JS	440	77	29
310714	RYNFIELD PRIMARY SCHOOL	EN	1027	49	29
111179	PHUTHALUSHAKA PRIMARY SCHOOL	JC	499	27	29
210799	LAERSKOOL RAYTON	GN	411	26	29
210856	LAERSKOOL WIERDAPARK	TS	1500	62	29
132175	EMISEBENI JUNIOR PRIMARY SCHOOL	JC	353	55	29
400023	VINE COLLEGE	JN	471	69	29
270090	HOËRSKOOL CARLETONVILLE	GW	913	68	29

400105	REA RUTA PREPARATORY SCHOOL	SE	324	59	29
140293	NORTHCLIFF PRIMARY SCHOOL	JN	825	17	29
330621	SANCTA MARIA JUNIOR SCHOOL	SW	413	39	30
930376	FOCHVILLE SECONDARY SCHOOL	GW	797	48	30
131177	PARKVIEW JUNIOR SCHOOL	JN	325	19	30
230771	LAERSKOOL BERGSIG	TW	414	9	30
110080	ALOE RIDGE PRIMARY SCHOOL	JS	651	40	30
140160	CLIFFVIEW PRIMARY SCHOOL	JN	888	64	30
350488	SPRINGS GIRLS' HIGH SCHOOL	GE	740	20	30
241638	LAERSKOOL DIE POORT	GN	800	-24	30
110858	KHUTHALANI PRIMARY SCHOOL	JC	89	-96	30
220418	LAERSKOOL QUEENSWOOD	TN	475	23	30
330811	DUZENENDLELA PRIMARY FARM SCHOOL	JS	208	71	30
160382	EASTLEIGH PRIMARY SCHOOL	EN	832	60	30
130831	LINKSFIELD PRIMARY SCHOOL	JE	446	42	30
321000	MOFOLO PRIMARY SCHOOL	SW	238	7	30
231878	MABAFENG PRIMARY SCHOOL	TS	625	-134	30
160358	DUNVEGAN PRIMARY SCHOOL	EN	835	22	30
230995	LAERSKOOL SIMON BEKKER	TS	747	34	30
340125	BRACKEN HIGH SCHOOL	ES	1255	42	30
210211	HOËRSKOOL UITSIG	TS	1046	78	30
121616	MXOLISI PRIMARY SCHOOL	JC	329	31	30
340307	LAERSKOOL RANDHART	ES	1017	79	30
350322	LAERSKOOL TINI VORSTER	GE	778	23	30
260133	RHODESFIELD TECHNICAL HIGH SCHOOL	EN	1197	67	30
211870	LAERSKOOL HENNOSPARK	TS	1527	125	30
350298	LAERSKOOL MORESTER	GE	899	30	30
160457	GERMISTON HIGH SCHOOL	ES	1079	41	30
210179	HOËRSKOOL ERASMUS	GN	810	66	30
150656	HYDE PARK HIGH SCHOOL	JE	750	3	30
341107	MAGAGULA PRIMARY SCHOOL	ES	480	-129	30
161091	PARKRAND PRIMARY SCHOOL	ES	900	17	30
232157	PRETORIA MUSLIM SCHOOL	TS	720	31	30
270140	HOËRSKOOL WONDERFONTEIN	GW	661	60	30
130286	EP BAUMAN PRIMARY SCHOOL	JN	902	7	30
160929	LAERSKOOL ELSPARK	ES	902	-9	30
350132	HOËRSKOOL JOHN VORSTER	GE	723	35	30
250753	LAERSKOOL KRUGERSDORP-NOORD	GW	1026	58	30
111013	MEGATONG PRIMARY SCHOOL	JC	151	-8	30
220582	CORNERSTONE COLLEGE SEC. SCHOOL	TS	846	5	30
121400	ISAACSON PRIMARY SCHOOL	JC	242	-11	30
260356	LAERSKOOL EDLEEN	EN	727	40	30
140673	KWA-PHALO PRIMARY SCHOOL	JW	273	31	30
330399	LAERSKOOL JAPIE GREYLING	SE	273	-1	30
231019	LAERSKOOL TUINRAND	TW	607	1	30
350280	LAERSKOOL JAN VAN RIEBEECK	GE	941	17	30
250639	LAERSKOOL DR HAVINGA	JW	1397	20	30
130757	KING EDWARD V11 PREPARATORY SCHOOL	JE	638	41	30
210641	LAERSKOOL BAKENKOP	TS	790	26	30

150235	BRYNEVEN PRIMARY SCHOOL	JE	973	74	30
230110	AFRIKAANSE HOËR MEISIESKOOL	TS	1065	46	30
400027	AL AQSA SCHOOL EXT ONE	JC	426	27	30
311795	LEE RAND PRIMARY SCHOOL	EN	639	62	30
270058	LAER GEDENSKOOL DANIE THERON	GW	944	109	30
330456	LAERSKOOL UNITASPARK	SE	518	-11	30
340133	BRACKENHURST PRIMARY SCHOOL	ES	1219	58	30
350801	KHANGEZILE PRIMARY SCHOOL	GE	366	-173	31
310268	FARRARMERE PRIMARY SCHOOL	EN	855	67	31
231324	PRETORIA HIGH SCHOOL FOR GIRLS	TS	1528	59	31
210153	HOËRSKOOL DIE WILGERS	TS	703	-17	31
130823	LEICESTER ROAD PRIMARY SCHOOL	JE	703	83	31
130237	CYRILDENE PRIMARY SCHOOL	JE	551	88	31
330472	LAERSKOOL VOORWAARTS	SE	582	5	31
210245	HOËRSKOOL WATERKLOOF	TS	1685	-40	31
210195	HOËRSKOOL MENLOPARK	TS	1379	57	31
400251	CHIEF LUTHULI SECONDARY SCHOOL NO. 2	EN	368	118	31
150441	FERNDALE HIGH SCHOOL	JN	675	67	31
160408	EDENGLLEN PRIMARY SCHOOL	EN	1258	17	31
220335	LAERSKOOL MEYERSPARK	TS	890	121	31
252859	LAERSKOOL MILLENIUM	GW	645	33	31
400238	WISEMAN CELE SECONDARY SCHOOL	JW	983	983	31
911556	NM TSUENE HIGH SCHOOL	TW	246	-18	31
320671	JORDAN SECONDARY SCHOOL	SW	924	-20	31
400126	PRINCESS PARK SECONDARY INDEPENDENT COLLEGE SCHOOL	TW	308	19	31
400286	AFRICAN LEADERSHIP ACADEMY	JN	185	185	31
132415	LIBERTY COMMUNITY SCHOOL	JS	864	-21	31
231829	KGABO PRIMARY SCHOOL	TS	494	46	31
130658	JEPPE HIGH PREPARATORY SCHOOL	JE	772	41	31
310847	WILLOWMOORE HIGH SCHOOL	EN	1051	21	31
161521	SUNWARD PARK HIGH SCHOOL	ES	1144	-68	31
250746	LAERSKOOL KENMARE	GW	1146	64	31
310326	HOËRSKOOL HANS MOORE	EN	868	30	31
210815	LAERSKOOL SWARTKOP	TS	1116	68	31
121442	JABULANI TECHNICAL SECONDARY SCHOOL	JC	1179	-140	31
160994	LAERSKOOL VAN DYK	ES	1117	169	31
130633	JEPPE HIGH SCHOOL FOR BOYS	JE	962	36	31
160945	LAERSKOOL GOUDRAND	ES	777	-15	31
131441	SANDRINGHAM HIGH SCHOOL	JE	1057	30	31
130542	HOUGHTON PRIMARY SCHOOL	JE	591	30	31
330340	LAERSKOOL DR VERWOERD	SE	871	14	31
270041	CARLETON JONES HIGH SCHOOL	GW	934	39	31
250563	KRUGERSDORP HIGH SCHOOL	GW	1308	69	31
359001	JAMESON HIGH SCHOOL	GE	374	4	31
210906	LYTTELTON MANOR HIGH SCHOOL	TS	1309	63	31
331520	VUYO PRIMARY SCHOOL	SE	374	9	31
310128	ARBOR PRIMARY SCHOOL	EN	873	40	31
160440	FREEWAY PARK PRIMARY SCHOOL	ES	1029	78	31
131466	SAXONWOLD PRIMARY SCHOOL	JE	499	-38	31

160986	LAERSKOOL OOSTERKRUIN	EN	780	-1	31
350256	LAERSKOOL CHRISTIAAN BEYERS	GE	749	39	31
160580	HOËRSKOOL ELSBURG	ES	437	-17	31
140418	BOPANANG PRIMARY SCHOOL	JN	500	-66	31
132498	MNCUBE SECONDARY SCHOOL	JC	625	-411	31
270314	LAERSKOOL JONGSPAN	GW	907	88	31
210831	LAERSKOOL UITSIG	TS	970	74	31
310474	LAERSKOOL DALVIEW	GE	1064	21	31
270116	HOËRSKOOL JAN VILJOEN	GW	939	-47	31
240333	LAERSKOOL UNIEFEES	TN	626	51	31
330373	LAERSKOOL HANDHAWER	SE	689	26	31
321364	RAMOLELLE COMBINED	SW	188	4	31
150243	BUCCLEUCH PRIMARY SCHOOL	JE	878	17	31
120733	LAERSKOOL SUIDHEUWELS	JS	690	62	31
321174	NONEDIBA PRIMARY SCHOOL	SW	251	65	31
230128	AFRIKAANSE HOËR SEUNSKOOL	TS	1256	52	31
251462	ITHEMBALIHLE PRIMARY SCHOOL	JW	314	-165	31
270363	LAERSKOOL RAPPORTRYER	GW	1445	85	31
910961	MABOPANE SECONDARY SCHOOL	TW	911	-271	31
310532	LAERSKOOL DIE AREND	GE	754	10	31
340364	SEDAVEN HIGH SCHOOL	SE	220	19	31
210252	HOËRSKOOL ZWARTKOP	TS	1603	6	31
340299	LAERSKOOL PRESIDENT STEYN	ES	1163	50	31
230268	HAMILTON PRIMARY SCHOOL	TS	692	24	31
260414	LAERSKOOL MOOIFONTEIN PRIMARY SCHOOL	EN	1196	65	31
140251	LAERSKOOL GENERAAL CHRISTIAAN DE WET	JN	724	14	31
310227	BRENTHURST PRIMARY SCHOOL	GE	882	68	32
162115	FALCON EDUCATIONAL SCHOOL	ES	315	12	32
400293	JEPPE EDUCATION CENTRE	JE	378	378	32
330407	LAERSKOOL KOLLEGEPARK	SW	1008	10	32
260018	ASTON MANOR PRIMARY SCHOOL	EN	851	40	32
350314	LAERSKOOL SELECTIONPARK	GE	788	65	32
260497	NORKEM PARK PRIMARY SCHOOL	EN	1135	84	32
140624	KELOKITSO COMPREHENSIVE SCHOOL	JW	946	-278	32
132621	NEWGATE COLLEGE	JE	284	12	32
210732	LAERSKOOL LOUIS LEIPOLDT	TS	1042	85	32
250241	HOËRSKOOL JAN DE KLERK	GW	821	-2	32
310151	BENONI HIGH SCHOOL	EN	1579	31	32
330464	ELIGWA PRIMARY SCHOOL	SW	758	-5	32
111435	IMPUMELELO JUNIOR PRIMARY SCHOOL	JC	158	-315	32
911084	MAPENANE PRIMARY SCHOOL	TW	411	15	32
210161	HOËRSKOOL ELDORAIGNE	TS	1739	21	32
270306	LAERSKOOL GLENHARVIE	GW	917	92	32
251348	DR MARY MALAHLELA PRIMARY SCHOOL	JW	253	-29	32
160390	EDENGLLEN HIGH SCHOOL	EN	1424	69	32
251546	KWAGGAFONTEIN PRIMARY FARM SCHOOL	GW	222	32	32
160234	BOKSBURG HIGH SCHOOL	ES	1587	49	32
241795	CHARLTON VOS COLLEGE OF EDUCATION	TW	889	83	32
131367	ROOSEVELT HIGH SCHOOL	JN	794	-27	32

321869	CHRYSAL SPRINGS PRIVATE SCHOOL	SW	1272	-7	32
220939	N'WA-VANGANI PRIMARY SCHOOL	TS	477	-145	32
350462	SELPARK PRIMARY SCHOOL	GE	795	22	32
340182	HOËRSKOOL ALBERTON	ES	1018	18	32
220376	LAERSKOOL SILVERTON	TS	1559	82	32
140947	MEADOWLANDS PRIMARY SCHOOL	JW	414	16	32
110395	GLENANDA PRIMARY SCHOOL	JS	1274	29	32
211219	WATERKLOOF PRIMARY SCHOOL	TS	892	57	32
160655	HURLYVALE PRIMARY SCHOOL	EN	1020	61	32
211151	THE GLEN HIGH SCHOOL	TS	1022	29	32
230144	ARCADIA PRIMARY SCHOOL	TS	735	42	32
160200	BEDFORDVIEW PRIMARY SCHOOL	EN	928	57	32
220392	LAERSKOOL TOTIUSDAL	TN	768	13	32
321414	SEBOKENG TECHNICAL HIGH SCHOOL	SW	352	-190	32
331496	VUKUZAKHE PRIMARY SCHOOL	SE	256	62	32
231001	LAERSKOOL TUINE	TW	897	17	32
110486	MULBARTON PRIMARY SCHOOL	JS	897	55	32
211185	VALHALLA PRIMARY SCHOOL	TS	673	5	32
400054	BETHARRY ENGLISH PRIVATE SCHOOL	EN	545	-28	32
351537	JAMESON JUNIOR SCHOOL	GE	513	-37	32
251025	SILVERFIELDS PRIMARY SCHOOL	GW	770	29	32
220855	MODIRI TECHNICAL SCHOOL	TS	418	-52	32
250258	HOËRSKOOL MONUMENT	GW	1544	62	32
310631	DALPARK PRIMARY SCHOOL	GE	547	65	32
232679	ELMAR INDEPENDENT SCHOOL	TS	676	151	32
130864	MALVERN HIGH SCHOOL	JE	805	-17	32
220343	LAERSKOOL NELLIE SWART	TN	741	30	32
220558	BOHLABATSATSI PRIMARY SCHOOL	TS	290	15	32
161018	LAERSKOOL WITFIELD	ES	580	6	32
260364	LAERSKOOL IMPALA	EN	1064	179	32
320309	BATLOUNG INTERMEDIATE SCHOOL	SW	258	-6	32
250688	LAERSKOOL GUSTAV PRELLER	JW	581	87	32
330142	HOËR TEGNIESE SKOOL VEREENIGING	SE	808	73	32
321752	EL SHADDAI SCHOOL	SW	1068	-37	32
351205	UMSOBOMVU PRIMARY SCHOOL	GE	421	-77	32
250647	LAERSKOOL EBENHAESER	GW	745	10	32
210021	BRONKHORSTSPRUIT PRIMARY SCHOOL	GN	907	74	32
240077	HOËRSKOOL OVERKRUIN	TN	1264	55	32
240044	HOËRSKOOL AKASIA	TW	1102	66	32
160622	HOËRSKOOL VRYBURGER HIGH SCHOOL	EN	746	28	32
350645	DUDUZA PRIMARY SCHOOL	GE	357	-23	32
322107	HOËR TEGNIESE SKOOL CAREL DE WET	SW	844	-30	32
250274	HOËRSKOOL ROODEPOORT	JW	844	-13	32
220160	HOËRSKOOL F H ODENDAAL	TS	909	118	32
240291	LAERSKOOL MAGALIESKRUIN	TN	1137	86	32
400309	FUNDA UJABULE SCHOOL INSTITUTE FOR CHILDHOOD EDUCATION	JC	65	65	33
150797	LAERSKOOL BOSKOP	JN	1268	126	33
120832	MEREDALE PRIMARY SCHOOL	JC	1171	45	33
130708	JOHN ORR TECHNICAL HIGH SCHOOL	JS	911	9	33

240507	AMOGELANG SECONDARY SCHOOL	TN	1139	-145	33
230839	LAERSKOOL EBEN SWEMMER	TN	293	16	33
270298	LAERSKOOL GERRIT MARITZ	GW	1042	25	33
310854	WORDSWORTH HIGH SCHOOL	EN	977	32	33
210096	GKOMBINEERDE SKOOL CULLINAN	GN	1010	-29	33
341206	SAMSON PRIMARY SCHOOL	ES	489	-11	33
141135	TUMELO PRIMARY SCHOOL	JW	326	26	33
230318	HOËR TEGNIESE SKOOL PRETORIA-TUINE	TW	848	-19	33
251637	MALONEYS EYE PRIMARY FARM SCHOOL	GW	261	18	33
261172	SUPERO PRIVATE COMBINED SCHOOL	EN	555	78	33
210229	HOËRSKOOL CENTURION	TS	1208	-56	33
331884	MASIBAMBANE PRIVATE SCHOOL	JS	751	106	33
310177	BENONI JUNIOR SCHOOL	EN	686	-19	33
270355	LAERSKOOL RANDFONTEIN	GW	1242	97	33
260117	HOËRSKOOL JEUGLAND	EN	1406	33	33
330928	LEBOWA PRIMARY SCHOOL	SE	327	71	33
211235	WILLOWRIDGE HIGH SCHOOL	TS	1112	38	33
240069	HOËRSKOOL MONTANA	TN	1473	65	33
330480	LAERSKOOL VRYHEIDSMONUMENT	SE	753	5	33
350348	LAERSKOOL WERDA	GE	786	128	33
912270	TSWAING SECONDARY SCHOOL	TW	655	10	33
160473	GERMISTON SOUTH PRIMARY SCHOOL	ES	819	61	33
220731	KUTUMELA-MOLEFI INTM. FARM SCHOOL	GN	426	19	33
331876	THULA-MNTWANA INDEPENDENT SCHOOL	JS	426	78	33
120741	MONTANUS LAERSKOOL	JS	558	15	33
220152	HOËR TEGNOLOGIESE SKOOL JOHN VORSTER	TN	1182	-15	33
911946	SELANG PRIMARY SCHOOL	TN	197	-44	33
270124	HOËRSKOOL RIEBEECKRAND	GW	1117	44	33
231530	BATHOKWA PRIMARY SCHOOL	TS	460	-86	33
231373	RIETONDALE PRIMARY SCHOOL	TN	953	75	33
251231	BOIPELO INTERMEDIATE SCHOOL	GW	493	25	33
132381	LEKANG PRIMARY SCHOOL	JC	526	28	33
161638	WIT DEEP PRIMARY SCHOOL	EN	691	31	33
162339	HOËRSKOOL PRIMROSE	EN	856	44	33
130104	ATHLONE BOYS' HIGH SCHOOL	JE	527	-11	33
210674	LAERSKOOL DORINGKLOOF	TS	1087	128	33
212001	STAR OF HOPE SCHOOL	GN	560	120	33
230987	LAERSKOOL SAAMSPAN	TW	692	4	33
120576	HOËRSKOOL PRESIDENT	JC	989	100	33
211276	BEKEKAYO PRIMARY FARM SCHOOL	EN	264	-343	33
220293	LAERSKOOL DERDEPOORT	TS	792	48	33
400317	MARY HELP OF CHRISTIANS JUNIOR PRIMARY SCHOOL	JC	99	99	33
150318	SANDTONVIEW COMBINED SCHOOL	JE	1156	121	33
340281	LAERSKOOL ORION	ES	925	13	33
251504	KAGISO SECONDARY SCHOOL	GW	827	-155	33
230904	LAERSKOOL JOPIE FOURIE	TS	761	87	33
350405	PINEGROVE PRIMARY SCHOOL	GE	1026	159	33
250589	KRUGERSDORP TOWN PRIMARY SCHOOL	GW	596	3	33
211615	REFANO PRIMARY FARM SCHOOL	GN	298	5	33

320291	BARRAGE PRIMARY FARM SCHOOL	SW	265	35	33
310094	WILLIAM HILLS SECONDARY SCHOOL	EN	895	-12	33
250860	MONUMENT PRIMARY SCHOOL	GW	1029	13	33
250662	LAERSKOOL FLORIDA	JW	830	15	33
122320	FEED MY LAMBS	JC	598	-66	33
260380	LAERSKOOL KEMPTON PARK	EN	565	39	33
270579	WESTFIELDS PRIMARY SCHOOL	GW	1031	52	33
270512	ROCKLAND PRIMARY SCHOOL	GW	832	79	33
110577	BUSISIWE PRIMARY SCHOOL	JC	466	-66	33
320457	ED MASHABANE SECONDARY SCHOOL	SW	233	-92	33
311530	SOZIZWE PRIMARY SCHOOL	EN	466	14	33
330597	RIVERSIDE HIGH SCHOOL	SE	1032	95	33
210237	HOËRSKOOL VOORTREKKERHOOGTE	TS	1232	73	33
240317	LAERSKOOL STEPHANUS ROOS	TN	1433	-73	33
220400	LAERSKOOL VILLIERIA	TN	1000	78	33
250985	RIDGEVALE PRIMARY SCHOOL	JW	1034	54	33
251629	MAKHOARANE PRIMARY SCHOOL	JW	467	-8	33
910253	D.A. MOKOMA SECONDARY SCHOOL	TW	334	-58	33
151340	REMBRANDT PARK PRIMARY SCHOOL	JE	1002	110	33
160879	LAERSKOOL CONCORDIA	ES	1036	6	33
132290	ISESEKO PRIMARY SCHOOL	JC	468	15	33
120725	LAERSKOOL DALMONDEOR	JC	702	27	33
210187	HOËRSKOOL GARSFONTEIN	TS	1672	80	33
251926	SWARTKOP VALLEY PRIMARY FARM SCHOOL	GW	301	44	33
211144	SUTHERLAND HIGH SCHOOL	TS	1338	68	33
240903	LINDELANI PRIMARY SCHOOL	TN	368	16	33
260125	HOËRSKOOL KEMPTON PARK	EN	1673	15	33
311043	ENKANGALA PRIMARY SCHOOL	GE	569	-40	33
130112	ATHLONE GIRLS' HIGH SCHOOL	JE	904	54	33
111153	PHIRI PRIMARY SCHOOL	JC	134	-22	34
350108	HOËR TEGNIESE SKOOL SPRINGS	GE	905	137	34
350306	LAERSKOOL P A M BRINK	GE	905	82	34
151928	WENDYWOOD HIGH SCHOOL	JE	771	85	34
230037	HIMALAYA SECONDARY SCHOOL	TS	1073	44	34
250217	HOËRSKOOL DIE ADELAAR	JW	1007	98	34
332015	REITUMETSE PRIMARY SCHOOL	JS	235	78	34
331280	RUSOORD INTERMEDIATE SCHOOL	SE	235	73	34
241307	SOSHANGUVE SECONDARY SCHOOL	TN	1075	-31	34
930471	GREENSPARK PRIMARY SCHOOL	GW	336	23	34
261073	MEHLARENG COMBINED FARM SCHOOL	EN	269	57	34
330852	IMBALI PRIMARY SCHOOL	JS	370	-10	34
110403	GLENVISTA HIGH SCHOOL	JS	1346	31	34
161505	SUMMERFIELDS PRIMARY SCHOOL	EN	943	153	34
331413	THUTO LORE SECONDARY SCHOOL	SE	943	-141	34
130559	HOËR TEGNIESE SKOOL LANGLAAGTE	JN	977	-188	34
132126	EDUCATION ALIVE SCHOOL	JS	1348	27	34
340265	LAERSKOOL A.G.VISSER	SE	843	51	34
250613	LAERSKOOL CULEMBEECK PRIMARY SCHOOL	JW	877	23	34
231340	PRETORIA TECHNICAL HIGH SCHOOL	TS	877	21	34

270264	LAERSKOOL BLYVOORUITSIG	GW	844	63	34
130427	GREENSIDE HIGH SCHOOL	JN	912	68	34
133280	VUKAZENZELE PRIMARY SCHOOL	JC	304	38	34
330167	HOËRSKOOL DRIE RIVIERE	SE	777	9	34
340141	GLENVIEW PRIMARY SCHOOL	ES	879	11	34
270959	MOHLAKENG PUBLIC SCHOOL	GW	541	-46	34
250969	PRINCESS PRIMARY SCHOOL	JW	1116	21	34
230367	HOËRSKOOL PRETORIA-WES	TW	947	76	34
220368	LAERSKOOL RIETFONTEIN-NOORD	TN	711	34	34
132753	PROVIDENCE ACADEMY	JS	745	20	34
121814	THUSANANG PRIMARY SCHOOL	JC	508	37	34
400110	LEEMA/MOKOTULI PRIMARY SCHOOL	SW	271	-15	34
240267	LAERSKOOL DANIE MALAN	TW	1186	95	34
240366	LAERSKOOL WONDERBOOM	TN	1424	118	34
111351	THATHANI PRIMARY SCHOOL	JC	373	-25	34
231399	ROBERT HICKS PRIMARY SCHOOL	TN	780	20	34
132704	PHEFENI SECONDARY SCHOOL	JW	441	-58	34
250035	ARTHUR MATTHEWS PRIMARY SCHOOL	JW	747	47	34
231480	SUIDERBERG SCHOOL	TW	747	20	34
151415	ROBIN HILLS PRIMARY SCHOOL	JN	781	23	34
150185	BRYANDALE PRIMARY SCHOOL	JN	1190	125	34
131276	HESPERUS PRIMARY SCHOOL	JN	136	16	34
250183	HOËR TEGNIESE SKOOL N.DIEDERICHS	GW	646	42	34
330175	HOËRSKOOL DRIEHOEK	SW	986	49	34
121665	PACE SECONDARY SCHOOL	JC	680	87	34
250233	HOËRSKOOL FLORIDA	JW	1633	42	34
350389	NIGEL PRIMARY SCHOOL	GE	715	20	34
230854	ERASMIA PRIMARY SCHOOL	TS	613	23	34
910824	LEBOGANG PRIMARY SCHOOL	TW	545	-20	34
230300	HILLVIEW HIGH SCHOOL	TW	1022	54	34
110460	LAERSKOOL DANIE THERON	JS	648	65	34
240358	LAERSKOOL VOORTREKKER-EEUFEEES	TW	887	2	34
240085	HOËRSKOOL PRETORIA-NOORD	TW	991	78	34
160424	ELANDSPARKSKOOL	EN	786	45	34
260562	SIR PIERRE VAN RYNEVELD HIGH SCHOOL	EN	1333	87	34
210914	LYTTELTON PRIMARY SCHOOL	TS	923	35	34
250621	LAERSKOOL DIE RUITER	JW	547	87	34
132241	FREEDOM COMMUNITY COLLEGE	JS	513	-103	34
230045	JACARANDA PRIMARY SCHOOL	TS	891	40	34
220897	MORETELE PRIMARY SCHOOL	TS	480	-28	34
131326	QUEENS HIGH SCHOOL	JE	1372	-35	34
132746	PHUTI JUNIOR SECONDARY SCHOOL	JC	446	-34	34
260026	BIRCH ACRES PRIMARY SCHOOL	EN	1030	73	34
160911	LAERSKOOL ELSBURG	ES	721	13	34
210849	LAERSKOOL VALHALLA	TS	412	60	34
330522	PINEDENE PRIMARY SCHOOL	SW	721	-22	34
400075	STEVE TSWETE SECONDARY SCHOOL	TS	927	-25	34
330191	HOËRSKOOL TRANSVALIA	SW	1202	-8	34
260398	LAERSKOOL KREFT	EN	894	118	34

260810	SPARTAN HIGH SCHOOL	EN	447	26	34
210062	CULTURA HIGH SCHOOL	GN	619	56	34
912187	TLOTLOMPHO PRIMARY SCHOOL	TW	344	-27	34
151944	WENDYWOOD PRIMARY SCHOOL	JE	1032	9	34
252221	ROODEPOORT PRIMARY SCHOOL	JW	1274	84	34
230797	LAERSKOOL BOOYSENS	TW	620	78	34
340273	LAERSKOOL GENERAAL ALBERTS	ES	930	30	34
120758	LAERSKOOL THEO WASSENAAR	JC	896	81	34
132688	ORLANDO WEST SECONDARY SCHOOL	JW	724	43	34
910953	M. H. BALOYI SECONDARY SCHOOL	TW	862	13	34
270595	AB PHOKOMPE SECONDARY SCHOOL	GW	1276	-82	34
132373	KWA-NTSIKANA JUNIOR SECONDARY SCHOOL	JW	345	11	35
331595	VAAL TRIANGLE PRIMARY SCHOOL	SW	621	58	35
240259	LAERSKOOL AKASIA	TW	1415	121	35
121574	MOLETSANE SECONDARY SCHOOL	JC	1277	-173	35
240051	HOËRSKOOL GERRIT MARITZ	TW	1208	20	35
350371	NIGEL HIGH SCHOOL	GE	1036	-32	35
160325	DINWIDDIE PRIMARY SCHOOL	ES	829	61	35
350728	GOROGANG PRIMARY SCHOOL	GE	415	-38	35
331314	SELIBA PRIMARY SCHOOL	SE	415	9	35
110833	KHULANI PRIMARY SCHOOL	JC	346	-33	35
133058	SUPREME EDUCATIONAL COLLEGE	JE	519	-683	35
270710	FJL WELLS PRIMARY MINE SCHOOL	GW	623	-7	35
121525	MAFORI MPHABLELE COMPREHENSIVE SCHOOL	JC	450	-62	35
160549	HOËRSKOOL ELSPARK	ES	727	-18	35
320150	LAERSKOOL TOTIUS	SW	831	18	35
310318	HOËRSKOOL BRANDWAG	EN	935	63	35
341404	TSHABALALA PRIMARY SCHOOL	ES	866	346	35
120048	DELRADE PRIMARY SCHOOL	JC	485	61	35
310284	GOKOMBINEERDE SKOOL NOORDERLIG	EN	832	-12	35
320879	MABOELLENG PRIMARY SCHOOL	SW	590	173	35
320697	KGOKARE SECONDARY SCHOOL	SW	521	-101	35
232645	CHRISTIAN PROGRESSIVE SCHOOL	TW	799	50	35
260109	HOËRSKOOL BIRCHLEIGH	EN	973	120	35
251124	TOWNVIEW HIGH SCHOOL	GW	973	29	35
350520	STRUBENVALE PRIMARY SCHOOL	GE	730	26	35
220954	F.F. RIBIERO PRIMARY SCHOOL (EX NTSHABOHLKO):1997	TS	591	48	35
351049	SAKHELWE PRIMARY SCHOOL	GE	522	-40	35
330506	MILTON PRIMARY SCHOOL	SE	940	37	35
150516	GLENHAZEL PRIMARY SCHOOL	JE	592	11	35
160598	HOËRSKOOL GOUDRIF	EN	871	9	35
121756	SIYAVUMA PRIMARY SCHOOL	JC	244	-1	35
340109	ALBERTON PRIMARY SCHOOL	ES	1046	41	35
130070	KENSINGTON SECONDARY SCHOOL	JE	1081	112	35
131839	AFRO-KOMBS COLLEGE	JS	872	-332	35
133009	ST MARTIN DE PORRES COMBINED	JW	593	56	35
131953	BETHANY COMBINED	JN	314	26	35
221226	LA MONTAGNE PRIMARY SCHOOL	TS	663	47	35
132811	RAUCALL SECONDARY SCHOOL	JN	524	10	35

230359	HOËRSKOOL LANGENHOVEN	TW	1398	80	35
250142	FLORIDA PARK HIGH SCHOOL	JW	1503	97	35
132571	MORRIS ISAACSON SECONDARY SCHOOL	JC	1294	-95	35
350025	ALRAPARK SECONDARY SCHOOL	GE	875	-31	35
130484	HIGHLANDS NORTH BOYS HIGH SCHOOL	JE	700	35	35
320721	KITSO PRIMARY SCHOOL	SW	630	-1	35
110916	LETHABO PRIMARY SCHOOL	JC	280	37	35
251595	LODIRILE PRIMARY SCHOOL	JW	455	-30	35
911707	RAKALE THABONG PRIMARY SCHOOL	TW	455	-42	35
141069	TOTOMENG PRIMARY SCHOOL	JW	280	16	35
400140	TUKSPORT COMBINED SCHOOL	TS	175	38	35
932331	WEDELA PRIMARY SCHOOL	GW	735	3	35
160275	COLIN MANN PRIMARY SCHOOL	ES	841	16	35
111088	MORITING PRIMARY SCHOOL	JC	386	-18	35
132639	NKA THUTO PRIMARY SCHOOL	JC	386	-33	35
110924	LO ITEKILE PRIMARY SCHOOL	JC	316	25	35
141150	VULAMAZIBUKO PRIMARY SCHOOL	JN	316	-18	35
140137	WESTBURY SECONDARY SCHOOL	JN	1405	11	35
260372	LAERSKOOL JEUGPARK PRIMARY SCHOOL	EN	1089	106	35
340190	HOËRSKOOL DINAMIKA	ES	1019	43	35
152851	RABASOTHO COMBINED SCHOOL	JN	879	188	35
161802	ILLINGE SECONDARY SCHOOL	ES	1266	-191	35
260984	KHATLAMPING PRIMARY SCHOOL	EN	774	-42	35
910794	L.G. HOLELE SECONDARY SCHOOL	TW	774	41	35
110742	INDYEBO PRIMARY SCHOOL	JC	563	20	35
140905	RISHILE PRIMARY SCHOOL	JW	563	29	35
400011	NEW GENERATION PRIVATE SCHOOL	JS	317	35	35
151050	NORTHVIEW HIGH SCHOOL	JE	1409	4	35
230342	HOËRSKOOL HERCULES	TW	599	4	35
911589	P.H.L MORAKA SECONDARY SCHOOL	TN	1022	129	35
924381	MKHAMBI PRIMARY SCHOOL	GN	282	-16	35
911471	REKOPANTSE PRIMARY SCHOOL	TW	705	-54	35
251892	SG MAFAESA SECONDARY SCHOOL	GW	1269	-165	35
110023	ENNERDALE SECONDARY SCHOOL	JS	1305	275	35
230920	LAERSKOOL KWAGGASRAND	TS	776	34	35
150987	MIDRAND PARALLEL MEDIUM HIGH SCHOOL	JE	1129	97	35
260091	EDLEEN PRIMARY SCHOOL	EN	1094	117	35
251702	JOHN MARTIN CATHOLIC SCHOOL	GW	600	76	35
130666	JOHANNESBURG GIRLS' PREPARATORY SCHOOL	JE	1165	25	35
910524	IKAGENG PRIMARY SCHOOL	TW	459	-28	35
111419	TSHILIDZI PRIMARY SCHOOL	JC	565	-27	35
911703	RADINEO PRIMARY SCHOOL	TW	424	-47	35
230862	LAERSKOOL GENERAAL BEYERS	TW	1308	207	35
140053	CORONATIONVILLE SECONDARY SCHOOL	JN	884	-76	35
321075	MONTSOSI PRIMARY SCHOOL	SW	389	-19	35
132910	SELOPE-THEMA PRIMARY SCHOOL	JN	389	2	35
240309	LAERSKOOL RACHEL DE BEER	TW	991	118	35
220178	HOËRSKOOL OOS-MOOT	TN	1416	84	35
310102	ANZAC PRIMARY SCHOOL	GE	779	44	35

121038	ROBERTSHAM PRIMARY SCHOOL	JC	992	56	35
270256	LAERSKOOL WESTGOLD PRIMARY SCHOOL	GW	1063	43	35
121285	EMADLELWENI PRIMARY SCHOOL	JC	461	1	35
121467	KHOLWANI PRIMARY SCHOOL	JC	461	38	35
221200	ZAKHELE PRIMARY SCHOOL	TS	461	-9	35
350124	HOËRSKOOL JOHAN JURGENS	GE	1101	28	36
310458	LAERSKOOL BRAKPAN-OOS	GE	888	31	36
140285	NORTHCLIFF HIGH SCHOOL	JN	1492	91	36
121137	THE HILL HIGH SCHOOL	JS	1279	88	36
311241	LESABE PRIMARY SCHOOL	GE	533	-29	36
111161	PHUMUZILE PRIMARY SCHOOL	JC	533	4	36
240739	HLANGANANI SECONDARY SCHOOL	TN	391	-123	36
250795	LAERSKOOL NOOITGEDACHT NR 88	GW	1031	93	36
330043	ROSHNEE SECONDARY SCHOOL	SE	569	-13	36
111005	MARA PRIMARY SCHOOL	JC	249	-1	36
310565	LAERSKOOL VERKENNER	EN	925	28	36
250118	DISCOVERY PRIMARY SCHOOL	JW	1246	127	36
131086	OBSERVATORY GIRLS' PRIMARY SCHOOL	JE	534	26	36
111468	ZIBAMBELE PRIMARY SCHOOL	JC	641	1	36
121301	EMSHUKANTAMBO SECONDARY SCHOOL	JN	1389	-116	36
232421	LAERSKOOL PIERNEEF	TN	570	52	36
151548	SHARONLEA PRIMARY SCHOOL	JN	1247	4	36
340737	KGOLAMORITI PRIMARY SCHOOL	ES	392	-80	36
140087	NOORDGESIG SECONDARY SCHOOL	JN	1248	45	36
251371	ENKOLWENI PRIMARY SCHOOL	JW	535	-13	36
340786	KUDUNG MIDDLE SCHOOL	SE	214	131	36
130641	JEPPE HIGH SCHOOL FOR GIRLS	JE	928	21	36
240960	MEMEZELO SECONDARY SCHOOL	TN	464	-58	36
330662	THE VAAL HIGH SCHOOL	SW	857	5	36
270330	LAERSKOOL MODDERFONTEIN	GW	750	75	36
121459	KHANDUBUHLE PRIMARY SCHOOL	JN	393	38	36
321471	SIVIWE PRIMARY SCHOOL	SW	393	-7	36
160564	HOËRSKOOL DR E G JANSEN	ES	1322	15	36
140616	JS MPANZA PRIMARY SCHOOL	JN	286	-61	36
400327	ORCHARDS PRIMARY SCHOOL (TW)	TW	715	715	36
230383	HOËRSKOOL WONDERBOOM	TN	1752	122	36
330159	HOËRSKOOL DR MALAN	SE	1037	-23	36
331976	VUTOMI HIGH SCHOOL	JS	465	25	36
160937	LAERSKOOL GERMISTON PRIMARY SCHOOL	ES	787	27	36
140855	NANDI PRIMARY SCHOOL	JN	501	26	36
151258	RAND PARK PRIMARY SCHOOL	JN	1002	29	36
340083	ALBERTON HIGH SCHOOL	ES	1217	90	36
260430	LAERSKOOL VAN RIEBEECKPARK	EN	1146	24	36
270603	BADIRILE SECONDARY SCHOOL	GW	1433	-191	36
350074	EUREKA HIGH SCHOOL	GE	1076	72	36
140913	SALVAZIONE CHRISTIAN SCHOOL	JN	287	-10	36
140186	HOËRSKOOL VORENTOE	JN	1184	50	36
140277	LAERSKOOL PIET VAN VUUREN	JN	1184	11	36
270694	EKUPHAKAMENI PRIMARY MINE SCHOOL	GW	323	10	36

131334	RAND MEISIESKOOL/GIRLS' SCHOOL	JE	969	93	36
230821	LAERSKOOL DIE HEUWEL	TS	503	-19	36
141002	THUTOLORE SECONDARY SCHOOL	JW	1042	-12	36
132969	SIZANANI PRIMARY SCHOOL	JC	539	74	36
151126	PARKHURST PRIMARY SCHOOL	JE	575	18	36
110155	LENASIA SECONDARY SCHOOL	JC	1222	155	36
270389	LAERSKOOL VENTERSPOS	GW	1330	41	36
310888	BAFO CHIKO PRIMARY SCHOOL	GE	719	-18	36
340331	PARKLANDS HIGH SCHOOL	ES	719	-30	36
250738	LAERSKOOL JOZUA NAUDE	JW	863	71	36
121178	TOWNSVIEW PRIMARY SCHOOL	JS	935	31	36
161513	SUNNYRIDGE PRIMARY SCHOOL	EN	1079	95	36
320622	ITOKISETSE PRIMARY SCHOOL	SW	576	-87	36
330357	LAERSKOOL DRIE RIVIERE	SE	756	39	36
241224	RS MALULEKE PRIMARY SCHOOL	TN	252	-12	36
220327	LAERSKOOL LINDOPARK	TS	1153	110	36
320374	BULA TSELA PRIMARY SCHOOL	SW	757	-72	36
130989	MELPARK PRIMARY SCHOOL	JN	721	35	36
310300	HOËRSKOOL DIE ANKER	GE	1298	137	36
240747	HLOMPHANANG SECONDARY SCHOOL	TW	1082	-159	36
140111	RIVERLEA SECONDARY SCHOOL	JN	1046	8	36
330860	ISIZWE-SETJHABA SECONDARY SCHOOL	SE	614	13	36
121293	EMATHAFENI PRIMARY SCHOOL	JC	289	38	36
110791	KARABO PRIMARY SCHOOL	JC	289	-23	36
260521	WESTSIDE PRIMARY SCHOOL	EN	253	-2	36
260083	CRESSLAWN PRIMARY SCHOOL	EN	940	17	36
311456	RESHOGOFADITSWE SECONDARY SCHOOL	GE	904	17	36
252189	ALLEN GLEN HIGH SCHOOL	JW	1411	148	36
110528	ATAMELANG PRIMARY SCHOOL	JC	507	6	36
261347	THUTHUKA PRIMARY SCHOOL	EN	833	-168	36
110668	ENKANYEZINI PRIMARY SCHOOL	JC	326	6	36
110973	MAMBO PRIMARY SCHOOL	JC	326	25	36
121020	REWLATCH PRIMARY SCHOOL	JS	652	30	36
350678	EMZIMKHULU PRIMARY SCHOOL	GE	580	38	36
120550	HOËRSKOOL DIE FAKKEL	JC	870	67	36
310540	LAERSKOOL PUTFONTEIN	EN	979	125	36
120204	KLIPTOWN SECONDARY SCHOOL	JC	1342	90	36
230888	LAERSKOOL GENERAAL NICOLAAS SMIT	TW	1125	85	36
342022	HOËRSKOOL MARAIS VILJOEN	ES	1525	96	36
140020	BOSMONT PRIMARY SCHOOL	JN	1090	30	36
132308	ITEKENG PRIMARY SCHOOL	JC	545	10	36
331306	SEIPONE PRIMARY SCHOOL	JS	727	27	36
321232	PHAMEHLO PRIMARY SCHOOL	SW	509	-22	36
160614	HOËRSKOOL VOORTREKKER	ES	982	72	36
150466	FOURWAYS HIGH SCHOOL	JN	1273	27	36
231951	MATSEKE PRIMARY SCHOOL	TS	291	-23	36
260471	NORKEM PARK HIGH SCHOOL	EN	1528	103	36
320135	LAERSKOOL OOSPARK	SW	1237	39	36
251777	PJ SIMELANE SECONDARY SCHOOL	JW	1237	-216	36

250803	LAERSKOOL PAARDEKRAAL	GW	619	87	36
330654	SUNCREST HIGH SCHOOL	SW	874	47	36
250951	PRINCESS HIGH SCHOOL	JW	1275	86	36
120840	MONDEOR HIGH SCHOOL	JC	1677	70	36
310896	BAIKAGETSE INTERMEDIATE SCHOOL	GE	547	-30	36
340547	DUKATHOLE PRIMARY SCHOOL	ES	547	-47	36
141200	NEWCLARE PRIMARY SCHOOL	JN	1058	-85	36
110825	KHOTSO PRIMARY SCHOOL	JC	219	-15	37
251173	WEST RIDGE HIGH SCHOOL	JW	1278	101	37
130054	HUGENOOT PRIMARY SCHOOL	JN	585	14	37
340117	ALBERVIEW PRIMARY SCHOOL	ES	1097	64	37
400276	TSHWANE SECONDARY SCHOOL	TS	256	256	37
230078	LAUDIUM SECONDARY SCHOOL	TS	989	13	37
133538	BEYHAN COLLEGE	JE	623	179	37
110262	NIRVANA SECONDARY SCHOOL	JC	1174	34	37
341347	THOKO THABA SECONDARY SCHOOL	ES	1174	-290	37
121632	NKHOLI PRIMARY SCHOOL	JC	477	-18	37
311118	INKATHA KA ZULU PRIMARY SCHOOL	GE	844	-4	37
231746	HOFMEYR SECONDARY SCHOOL	TS	1101	-210	37
340174	HOËR VOLKSKOOL HEIDELBERG	SE	1138	85	37
132985	ST ENDA'S SECONDARY SCHOOL	JE	514	23	37
110320	TOPAZ SECONDARY SCHOOL	JC	1102	-34	37
131920	BASA TUTORIAL INSTITUTE	JS	2976	148	37
270322	LAERSKOOL AVANTE	GW	1139	111	37
140442	DUMEZWENI PRIMARY SCHOOL	JN	588	26	37
240325	LAERSKOOL THERESAPARK	TW	1287	80	37
132456	LUKHOLWENI PRIMARY SCHOOL	JN	515	-84	37
350116	HOËRSKOOL HUGENOTE	GE	1288	-43	37
121830	TLHOLOHELO PRIMARY SCHOOL	JC	368	12	37
241497	UBUHLE-BEZWE JUNIOR SECONDARY SCHOOL	TN	368	51	37
120519	FOREST HILL PRIMARY SCHOOL	JC	957	22	37
350454	SEL COURT PRIMARY SCHOOL	GE	1031	39	37
321026	MOHALADITOE SECONDARY SCHOOL	SW	737	-149	37
350819	KRISTO NKOSI PRIMARY PRIVATE SCHOOL	GE	258	8	37
150979	MIDRAND ENGLISH MEDIUM PRIMARY SCHOOL	JE	1069	52	37
400235	QALABOTJHA SECONDARY SCHOOL	JS	848	159	37
330985	MADUME PRIMARY SCHOOL	JS	996	-66	37
920186	EKANGALA SECONDARY SCHOOL	GN	1513	29	37
231027	LAERSKOOL WESPARK	TS	812	19	37
160606	HOËRSKOOL OOSTERLIG	ES	923	34	37
110692	FONTANUS COMPREHENSIVE SECONDARY SCHOOL	JC	739	-199	37
270991	PHAHAMA SECONDARY SCHOOL	GW	1552	-40	37
241273	SETHIBELE SENIOR SECONDARY SCHOOL	TN	850	-72	37
140590	INKWENKWEZI PRIMARY SCHOOL	JN	555	-14	37
130302	JULES HIGH SCHOOL	JE	999	55	37
320705	KHUNOANA PRIMARY SCHOOL	SW	592	16	37
250829	LAERSKOOL ROODEBEECK	JW	666	69	37
241034	NTSHA PEU PRIMARY SCHOOL	TN	592	69	37
162420	ORHOVELANI EDUCATION CENTRE	ES	259	21	37

331199	QOQISIZWE PRIMARY SCHOOL	JS	296	-93	37
121798	THABA-JABULA SECONDARY SCHOOL	JN	1258	57	37
241414	TLAMAGANYO PRIMARY SCHOOL	TN	518	35	37
232306	WALTON JAMESON PRIMARY SCHOOL	TS	629	62	37
121061	SIR JOHN ADAMSON HIGH SCHOOL	JC	1444	81	37
161919	MTHIMKHULU PRIMARY SCHOOL	ES	852	-60	37
161083	PARKDENE PRIMARY SCHOOL	ES	852	36	37
400278	PRETORIA PRIMARY SCHOOL	TS	593	593	37
910350	EDWIN MOALUSI PRIMARY SCHOOL	TW	519	-39	37
230847	LAERSKOOL EENDRACHT	TW	890	123	37
913626	TIM MODISE PRIMARY SCHOOL	TW	445	-6	37
911984	SETUMO - KHIBA SECONDARY SCHOOL	TW	1298	-59	37
252817	LEWISHAM PRIMARY SCHOOL	GW	853	39	37
252114	WEST RAND PRIMARY MINE SCHOOL	GW	371	30	37
110635	EMAWENI PRIMARY SCHOOL	JC	334	21	37
251918	ST ANGELAS PRIMARY PRIVATE SCHOOL	JW	334	-10	37
911187	MERAFENG PRIMARY SCHOOL	TW	631	3	37
330498	MEYERTON PRIMARY SCHOOL	SE	928	55	37
321380	RESIDENSIA SECONDARY SCHOOL	SW	1189	-106	37
240374	NORTHRIDGE PRIMARY SCHOOL	TN	1152	60	37
131102	ORANGE GROVE PRIMARY SCHOOL	JE	669	22	37
140525	FONS LUMINIS SECONDARY SCHOOL	JN	1301	-19	37
251157	WELTEVREDEN PARK PRIMARY SCHOOL	JW	1339	19	37
320044	HOËRSKOOL VANDERBIJLPARK	SW	558	-5	37
260836	IKUSASA COMPREHENSIVE SCHOOL	EN	1563	34	37
121228	BATSOGILE PRIMARY SCHOOL	JN	335	60	37
330431	LAERSKOOL SONLANDPARK	SE	782	31	37
330126	GENERAL SMUTS HIGH SCHOOL	SE	1900	39	37
132159	THUBELIHLE INTERMEDIATE SCHOOL	JC	522	25	37
120873	PARK JUNIOR SCHOOL	JC	634	10	37
133512	PARKTOWN PUBLIC SCHOOL	JE	634	18	37
341156	REAHILE PRIMARY SCHOOL	ES	746	-32	37
310516	LAERSKOOL MOREWAG	GE	709	-9	37
340703	KABELO PRIMARY SCHOOL	ES	1045	52	37
132076	DITAWANA PRIMARY SCHOOL	JN	448	22	37
130815	LAERSKOOL KENSINGTON	JE	560	-11	37
912260	TSIBOGO PRIMARY SCHOOL	TW	560	-82	37
270587	WESTONARIA PRIMARY SCHOOL	GW	672	29	37
270017	HARTZSTRAAT PRIMARY SCHOOL	GW	1083	-17	37
111120	NGHUNGHUNYANI COMPREHENSIVE	JC	747	-92	37
161190	GALWAY PRIMARY SCHOOL	ES	635	40	37
131136	PARKTOWN GIRLS' HIGH SCHOOL	JN	1121	30	37
912039	SUNVALLEY PRIMARY SCHOOL	TW	598	67	37
350686	ESIBONELWESIHLE SECONDARY SCHOOL	GE	1383	-42	37
120139	FLORIDALAAN PRIMARY SCHOOL	JC	1159	-66	37
133348	NEW NATION SCHOOL	JN	860	182	37
220723	KOOS MATLI PRIMARY SCHOOL	TS	823	23	37
351023	REDUMELETSWE PRIMARY SCHOOL	GE	524	-2	37
161331	PRIMROSE HILL PRIMARY SCHOOL	EN	899	61	37

341461	UMZAMO PRIMARY SCHOOL	ES	712	8	37
140814	MOKGOME SECONDARY SCHOOL	JW	937	-114	37
400050	AGAPE CHRISTIAN SCHOOL	EN	300	52	38
221218	ZAMINTUTHUKO PRIMARY SCHOOL	TS	375	-36	38
330209	HOËRSKOOL VEREENIGING	SE	863	31	38
261263	ST GEMMAS PRIMARY SCHOOL	EN	788	27	38
310201	BRAKPAN HIGH SCHOOL	GE	1426	44	38
230193	CAPITAL PARK PRIMARY SCHOOL	TW	713	91	38
320283	BAFOKENG PRIMARY SCHOOL	SW	563	-84	38
250092	CONSTANTIA KLOOF PRIMARY SCHOOL	JW	1051	9	38
934269	IMFUNDO SECONDARY SCHOOL	GW	976	-1170	38
132407	LERESCHE PRIMARY SCHOOL	JN	488	9	38
120071	ELDORADO PARK PRIMARY SCHOOL	JC	901	76	38
220525	AGNES CHIDI PRIMARY SCHOOL	TS	413	16	38
110544	BAFIKILE PRIMARY SCHOOL	JC	413	10	38
130500	HILLCREST PRIMARY SCHOOL	JE	826	-15	38
230185	BURGHER RIGHT PRIMARY SCHOOL	TS	1315	18	38
120501	FOREST HIGH SCHOOL	JC	1315	115	38
310193	BENONI WEST PRIMARY SCHOOL	EN	752	31	38
150136	BORDEAUX PRIMARY SCHOOL	JN	865	40	38
400239	SOSHANGUVE SOUTH SECONDARY SCHOOL	TW	865	123	38
251413	GEORGE KHOSA SECONDARY SCHOOL	JW	1166	-132	38
925181	HLABELELA PRIMARY SCHOOL	GN	790	24	38
220590	DR IM MONARE PRIMARY SCHOOL	TS	414	25	38
320465	EKUJULENI PRIMARY SCHOOL	SW	828	-130	38
350561	ASSER MALOKA SECONDARY SCHOOL	GE	1393	-6	38
260059	BONAERO PARK PRIMARY SCHOOL	EN	866	42	38
400186	ARMOUR FOUNDATION LEARNING INSTITUTE	EN	904	113	38
121707	PIMVILLE PRIMARY SCHOOL	JN	339	28	38
220103	CLAPHAM HIGH SCHOOL	TN	942	25	38
400047	ITHUTENG SECONDARY SCHOOL	GW	754	22	38
230334	HOËRSKOOL HENDRIK VERWOERD	TN	1018	72	38
133363	FERREIRA PRIMARY SCHOOL	JS	264	10	38
911520	NONG PRIMARY SCHOOL	TW	528	0	38
250159	FLORIDA PRIMARY SCHOOL	JW	1207	61	38
321299	POHOPEDI PRIMARY SCHOOL	JS	679	5	38
321489	SIVUSE PRIMARY SCHOOL	SW	679	73	38
260620	BOITUMELONG SECONDARY SCHOOL	EN	1547	175	38
320184	OLIVER LODGE PRIMARY SCHOOL	SW	906	48	38
110676	ESITHEBENI PRIMARY SCHOOL	JC	680	36	38
271015	PHORORONG PRIMARY SCHOOL	GW	1058	25	38
261032	MARHULANA PRIMARY SCHOOL	EN	605	4	38
310060	LIVERPOOL SECONDARY SCHOOL	EN	1286	16	38
320101	LAERSKOOL HENDRIK VAN DER BIJL	SW	870	18	38
911541	NTSWANE SECONDARY SCHOOL	TN	454	-3	38
220970	PHELADI-NAKENE PRIMARY SCHOOL	TS	454	36	38
271528	RELEBOGILE SECONDARY SCHOOL	GW	1135	27	38
260422	LAERSKOOL NOBEL	EN	871	24	38
150029	MARLBORO GARDENS SECONDARY SCHOOL	JE	1174	72	38

350843	LABAN MOTLHABI COMPREHENSIVE SCHOOL	GE	947	20	38
340794	KUMALO PRIMARY SCHOOL	ES	985	28	38
231944	MASIZANI PRIMARY SCHOOL	TS	720	-17	38
161877	KUTLOANONG PRIMARY SCHOOL	ES	758	-12	38
140434	DIEPDALE SECONDARY SCHOOL	JN	834	14	38
321281	POELANO SECONDARY SCHOOL	SW	986	62	38
252031	TULIP SECONDARY SCHOOL	JW	569	46	38
330514	PARK RIDGE PRIMARY SCHOOL	SW	873	23	38
160291	DAWNVIEW HIGH SCHOOL	EN	911	88	38
151910	WAVERLEY GIRLS' HIGH SCHOOL	JE	987	55	38
160119	AFRIKAANSE HOËRSKOOL GERMISTON	ES	760	10	38
320366	BOTLEHADI PRIMARY SCHOOL	SW	532	4	38
140632	KHINDLIMUKANI JUNIOR SECONARY SCHOOL	JW	228	14	38
132431	LOBONE SECONDARY SCHOOL	JC	266	-24	38
261131	NYIKO PRIMARY SCHOOL	EN	1102	-14	38
132662	ORLANDO SDA PRIMARY SCHOOL	JW	342	52	38
241141	REDIBONE PRIMARY SCHOOL	TN	456	-3	38
250266	HOËRSKOOL NOORDHEUWEL	GW	1559	51	38
110213	LENASIA SOUTH SECONDARY SCHOOL	JS	1255	3	38
311340	MANGOSUTHU PRIMARY SCHOOL	GE	913	-76	38
131508	SIR EDMUND HILLARY PRIMARY SCHOOL	JE	913	46	38
230326	HOËRSKOOL ELANDSPOORT	TW	875	57	38
133850	ESIYALWINI SECONDARY SCHOOL	JW	609	-5	38
121004	REGENTS PARK PRIMARY SCHOOL	JS	609	31	38
133264	VUKANI PRIMARY SCHOOL	JC	609	16	38
120022	CAVENDISHSTRAAT PRIMARY SCHOOL	JC	571	35	38
120782	LAERSKOOL W H COETZER	JS	571	-36	38
250175	HORIZON VIEW PRIMARY SCHOOL	JW	1104	6	38
152264	MINERVA SECONDARY SCHOOL	JE	1295	-304	38
321638	TSHEPO-THEMBA SECONDARY SCHOOL	SW	1181	50	38
910876	LESEGO PRIMARY SCHOOL	TW	381	-28	38
160184	BEDFORDVIEW HIGH SCHOOL	EN	724	-32	38
140756	MADIBANE COMPREHENSIVE SCHOOL	JN	343	33	38
111070	MONTSHIWA PRIMARY SCHOOL	JC	343	-30	38
132928	SEODING PRIMARY SCHOOL	JC	343	25	38
210898	LYNNWOOD RIDGE PRIMARY SCHOOL	TS	1182	20	38
311415	NQUBELA PRIMARY SCHOOL	EN	572	-63	38
321455	SETJHABA-SOHLÉ SECONDARY SCHOOL	SW	839	-77	38
132597	MZAMO PRIMARY SCHOOL	JW	267	-11	38
150821	LAERSKOOL HALFWAY HOUSE PRIMARY SCHOOL	JE	1641	49	38
311209	KUZIMISELA PRIMARY SCHOOL	EN	916	-24	38
132399	LERATONG PRIMARY SCHOOL	JN	611	17	38
270934	THUTO LEHAKWE SECONDARY SCHOOL (EX MERICI PRIVATE)	GW	1413	21	38
110940	LUMELANG PRIMARY SCHOOL	JC	382	-33	38
110247	MH JOOSUB TECHNICAL SECONDARY SCHOOL	JC	1337	102	38
341222	SEKGUTLONG PRIMARY SCHOOL	ES	573	-30	38
321646	TSHEDISO PRIMARY SCHOOL	SW	573	-30	38
140095	R W FICK SECONDARY SCHOOL	JN	726	41	38
341149	RATANDA SECONDARY SCHOOL	SE	1223	3	38

111112	NALEDI SECONDARY SCHOOL	JC	688	89	38
330639	SELBORNE PRIMARY SCHOOL	SE	1185	36	38
141234	EVEREST PRIMARY SCHOOL	JN	803	49	38
260992	KHULA SIZWE PRIMARY SCHOOL	EN	803	-38	38
240598	CENTRAL SECONDARY SCHOOL	TW	956	66	38
400107	KENILWORTH SECONDARY SCHOOL	JC	459	39	38
321737	ZITHA PRIMARY SCHOOL	SW	459	14	38
330738	ASSUMPTA PRIMARY PRIVATE SCHOOL	SE	268	6	38
251827	SANDILE PRIMARY SCHOOL	GW	536	-58	38
133116	THABISANG PRIMARY SCHOOL	JW	536	6	38
400152	QUANTUM SECONDARY SCHOOL	GE	1034	56	38
921428	SITJHEJIWE SECONDARY SCHOOL	GN	498	-33	38
140392	BAPEDI PRIMARY SCHOOL	JN	613	25	38
340455	BONEHA PRIMARY SCHOOL	SE	843	-1	38
261396	TSHEPISA PRIMARY SCHOOL	EN	920	-65	38
331504	VULANINDLELA SECONDARY SCHOOL	JS	1265	-40	38
270132	HOËRSKOOL WESTONARIA	GW	997	15	38
271502	T M LETLHAKE SECONDARY SCHOOL	GW	1304	48	38
211789	WOZANIBONE INTERM FARM SCHOOL	GN	537	76	38
320788	LEBOHANG SECONDARY SCHOOL	SW	959	76	38
910398	GALEBOE MIDDLE SCHOOL	TW	422	12	38
150557	H A JACK PRIMARY SCHOOL	JE	729	123	38
320614	IPHAHLOLLENG INTERMEDIATE SCHOOL	SW	614	-16	38
110643	EMDENI SECONDARY SCHOOL	JC	1152	-89	38
251561	LENGAU PRIMARY SCHOOL	GW	768	-44	38
311274	LETSIE PRIMARY SCHOOL	GE	1152	75	38
400202	LUKHANYO HIGH SCHOOL	GW	384	2	38
121202	WINCHESTER RIDGE PRIMARY SCHOOL	JC	1152	74	38
140467	EKUTHULENI PRIMARY SCHOOL	JN	845	62	38
130799	ORCHARDS PRIMARY SCHOOL	JE	845	51	38
320275	ATLEHANG PRIMARY SCHOOL	SW	461	10	38
133462	UVUYO PRIMARY SCHOOL	JW	730	2	38
340158	HEIDELBERG PUBLIC SCHOOL	SE	538	66	38
110056	ALPHA PRIMARY SCHOOL	JC	884	12	38
131078	OBSERVATORY EAST PRIMARY SCHOOL	JE	615	63	38
132068	DITAU PRIMARY SCHOOL	JN	346	-21	38
320267	AHANANG INTERMEDIATE SCHOOL	JS	616	-2	39
320523	FADIMEHA PRIMARY SCHOOL	SW	308	15	39
140541	HLABANGANE PRIMARY SCHOOL	JW	308	-10	39
110809	KGATELOPELE PRIMARY SCHOOL	JC	308	12	39
140400	BOEPAKITSO PRIMARY SCHOOL	JN	886	44	39
141317	THEMBALETHU PRIMARY SCHOOL	JW	655	17	39
121715	PROGRESS COMPREHENSIVE SCHOOL	JN	1349	120	39
230896	LAERSKOOL HERMANSTAD	TW	964	77	39
241109	DIMAKATSO PRIMARY SCHOOL	TW	887	165	39
350850	LEFA-IFA SECONDARY SCHOOL	GE	887	-24	39
132282	IKWEZI PRIMARY SCHOOL	JC	270	17	39
251355	DSJ PRIMARY SCHOOL	JW	733	57	39
110551	BASANI PRIMARY SCHOOL	JC	386	5	39

320648	JABULANI THABANG PRIMARY SCHOOL	SW	772	-8	39
211060	SPRINGVALE PRIMARY SCHOOL	TS	1351	90	39
320630	ITSEBENG PRIMARY SCHOOL	SW	695	22	39
231605	DAVID HELLEN PETA SECONDARY SCHOOL	TS	927	5	39
350249	ENDICOTT PRIMARY SCHOOL	GE	618	60	39
132936	SHALOM-MANNE PRIMARY SCHOOL	JC	309	4	39
141028	TIYANI PRIMARY SCHOOL	JN	309	33	39
110098	FLAMINGO PRIMARY SCHOOL	JC	1391	62	39
120188	KLIPSPRUIT-WES SECONDARY SCHOOL	JC	966	63	39
220194	HOËRSKOOL STAATSPRESIDENT C R SWART	TN	1198	163	39
131599	SUMMERWOOD PRIMARY SCHOOL	JE	773	26	39
320036	HOËRSKOOL SUIDERLIG	SW	967	35	39
261180	SEDIBENG PRIMARY SCHOOL	EN	735	7	39
120386	WILLOW CRESCENT SECONDARY SCHOOL	JC	1470	19	39
331231	REAMOHETSOE PRIMARY SCHOOL	JS	619	-13	39
250027	AHMED TIMOL SECONDARY SCHOOL	GW	1122	42	39
311076	GEORGE MBILASE PRIMARY SCHOOL	GE	929	-36	39
320507	EMANZINI PRIMARY SCHOOL	SW	813	-9	39
110106	GREYVILLE PRIMARY SCHOOL	JC	1355	73	39
252452	MADIBA SECONDARY SCHOOL	GW	1510	-118	39
230870	LAERSKOOL GENERAAL JACQUES PIENAAR	TW	852	28	39
230946	LAERSKOOL OOST-EIND	TS	1704	-7	39
271031	ROOIPOORT PRIMARY FARM SCHOOL	GW	426	-2	39
400119	PRESTIGIOUS AURETE SECONDARY SCHOOL	SW	1007	2	39
240663	ENTOKOZWENI PRIMARY SCHOOL	TN	581	-20	39
321125	MOTLOTLO PRIMARY SCHOOL	SW	581	-73	39
210120	GLENSTANTIA PRIMARY SCHOOL	TS	1395	78	39
270033	TOEKOMSRUS PRIMARY SCHOOL	GW	1124	37	39
910881	LESOLANG PRIMARY SCHOOL	TW	504	34	39
110817	KHAUHELO PRIMARY SCHOOL	JC	349	57	39
331173	QHAKAZANI PRIMARY SCHOOL	JS	1047	-29	39
321604	TOKELO SECONDARY SCHOOL	SW	892	-44	39
241000	MZIMUHLE PRIMARY SCHOOL	TN	543	-10	39
111393	TIAKENI PRIMARY SCHOOL	JC	388	-14	39
111443	VUSISIZWE PRIMARY SCHOOL	JC	776	62	39
250878	PANORAMA PRIMARY SCHOOL	JW	1203	77	39
221002	REFENTSE PRIMARY SCHOOL	TS	621	-30	39
321588	TJHABATSATSI PRIMARY SCHOOL	SW	621	-62	39
271148	TSWASONGU SECONDARY SCHOOL	GW	1553	-133	39
220962	PHATENG SECONDARY SCHOOL	TS	1126	12	39
320978	MFUNDO-MTOTI PRIMARY SCHOOL	JS	699	-20	39
331215	RAPHELA SECONDARY SCHOOL	JS	1437	-79	39
400263	DASPOORT SECONDARY SCHOOL	TW	505	505	39
260901	IPONTSHE PRIMARY SCHOOL	EN	1049	-16	39
310250	CRYSTAL PARK PRIMARY SCHOOL	EN	816	55	39
271064	SETHOLELA PRIMARY SCHOOL	GW	544	-34	39
320358	BOTEBO-TSEBO SECONDARY SCHOOL	SW	1399	169	39
121335	FARESANI PRIMARY SCHOOL	JN	311	11	39
141192	T C ESTERHUYSEN PRIMARY SCHOOL	JN	622	31	39

110270	PARK PRIMARY SCHOOL	JC	972	-10	39
321695	TSOKOLIBANE PRIMARY SCHOOL	SW	428	17	39
111500	FRED NORMAN SECONDARY SCHOOL	JS	1751	141	39
110288	PARKSIDE PRIMARY SCHOOL	JS	973	26	39
400178	COSMO CITY PRIMARY NO 1 SCHOOL	JN	1012	118	39
130724	KENSINGTON RIDGE PRIMARY SCHOOL	JE	584	10	39
311308	MADINGOANE PRIMARY SCHOOL	GE	857	1	39
270504	RANDFONTEIN PRIMARY SCHOOL	GW	1091	39	39
240762	KGADIME MATSEPE SECONDARY SCHOOL	TW	1130	54	39
140038	CHRIS J BOTHA SECONDARY SCHOOL	JN	1014	-4	39
400217	DALPARK SECONDARY SCHOOL	GE	429	211	39
121269	DIKWANKWETLA PRIMARY SCHOOL	JC	351	-15	39
160903	LAERSKOOL ELANDIA	ES	702	111	39
121509	LILYDALE PRIMARY SCHOOL	JC	273	-25	39
332117	MEYERTON SECONDARY SCHOOL	SE	1053	143	39
121699	PHAKAMANI PRIMARY SCHOOL	JW	429	6	39
351064	SECHABA PRIMARY SCHOOL	GE	351	-42	39
111245	SEDIBATHUTO PRIMARY SCHOOL	JC	117	7	39
310979	DAVEY SECONDARY SCHOOL	GE	937	-243	39
120303	SILVER OAKS SECONDARY SCHOOL	JC	1445	-33	39
321711	UBUHLE PRIMARY SCHOOL	SW	625	152	39
260703	ECALENI PRIMARY SCHOOL	EN	586	56	39
321158	MTHOMBOLWAZI PRIMARY SCHOOL	SW	547	-106	39
120063	ELDOCREST PRIMARY SCHOOL	JC	1055	-53	39
911971	SEROTO MATSHEHLA PRIMARY SCHOOL	TN	508	4	39
140715	LETSIBOGO SECONDARY SCHOOL	JW	977	35	39
110684	EZIBUKWENI PRIMARY SCHOOL	JC	469	49	39
221143	TSAKO THABO SECONDARY SCHOOL	TS	938	-55	39
220533	BAJABULILE PRIMARY SCHOOL	TS	860	2	39
311019	DUMEHLEZI INTERMEDIATE SCHOOL	GE	821	-9	39
110908	THUTHUKANI-TSWELOPELE PRIMARY SCHOOL	JS	1173	-66	39
141119	TSWELELANG PRIMARY SCHOOL	JW	352	-11	39
151241	RAND PARK HIGH SCHOOL	JN	1565	33	39
350629	DAN RADEBE PRIMARY SCHOOL	GE	1174	-21	39
140061	GR HARRIS PRIMARY SCHOOL	JN	979	99	39
140640	KHOMANANI PRIMARY SCHOOL	JN	901	8	39
110072	AZARA SECONDARY SCHOOL	JS	1293	119	39
320663	JET NTEO SECONDARY SCHOOL	SW	627	-67	39
350330	LAERSKOOL WELGEDAG	GE	627	40	39
231761	HOLY TRINITY HIGH SCHOOL (CATHOLIC SEC.)	TS	392	-37	39
161901	MASITHWALISANE SECONDARY SCHOOL	ES	1529	62	39
111534	MID-ENNERDALE PRIMARY SCHOOL	JS	1647	98	39
110478	MONDEOR PRIMARY SCHOOL	JC	1098	35	39
932347	XHOBANI PRIMARY SCHOOL	GW	981	21	39
251272	BOTTOM PRIMARY MINE SCHOOL	JW	628	126	39
320549	FUKAMA PRIMARY SCHOOL	SW	471	-14	39
161968	POLOKEGONG PRIMARY SCHOOL	ES	785	17	39
400216	ETWATWA EXTENSION 31 SECONDARY SCHOOL	GE	1021	-47	39
210781	LAERSKOOL PARATUS PRIMARY SCHOOL	TS	1100	-27	39

110734	IKEMELENG PRIMARY SCHOOL	JC	393	49	39
140269	LAERSKOOL JIM FOUCHE	JN	904	39	39
340810	LANDULWAZI COMPREHENSIVE SCHOOL	ES	1533	22	39
351007	PHULONG SECONDARY SCHOOL	GE	1258	-85	39
340026	EDENPARK SECONDARY SCHOOL	ES	1494	-165	39
110726	HITEKANI PRIMARY SCHOOL	JC	865	48	39
330076	ARCON PARK PRIMARY SCHOOL	SE	590	9	39
240887	LESEDI POTLANA PRIMARY SCHOOL	TW	787	27	39
111237	SEANA MARENA SECONDARY SCHOOL	JC	1417	-97	39
141218	DOWLINGLAAN PRIMARY SCHOOL	JN	1181	-16	39
111286	SIVULELENI PRIMARY SCHOOL	JC	630	0	39
341040	THUTOPELE SECONDARY SCHOOL	ES	1734	36	39
140848	NAMEDI SECONDARY SCHOOL	JN	946	-125	39
351312	ZITHEMBENI PRIMARY SCHOOL	GE	828	11	39
250019	DR YUSUF DADOO PRIMARY SCHOOL	GW	1144	29	39
140228	LAERSKOOL CLAREMONT	JN	789	12	39
351130	THAKGALANG PRIMARY SCHOOL	GE	434	-1	39
241406	TIYELELANI SECONDARY SCHOOL	TW	947	7	39
261057	MASIQHAKAZE SECONDARY SCHOOL	EN	1697	-207	39
321497	SIZANANI THUSANANG COMPREHENSIVE SCHOOL	SW	750	115	39
230060	LAUDIUM PRIMARY SCHOOL	TS	829	19	39
240895	LETHABONG SECONDARY SCHOOL	TN	987	-57	39
910314	DITSHABA PRIMARY SCHOOL	TW	474	-15	40
231662	ESIKHISINI PRIMARY SCHOOL	TS	474	10	40
251967	THATHEZAKHO L.P. SCHOOL	JW	632	-33	40
241398	TIPFUXENI PRIMARY SCHOOL	TW	711	-133	40
321661	TSHITSO PRIMARY SCHOOL	SW	316	-2	40
120766	TURFFONTEIN PRIMARY SCHOOL	JC	1146	50	40
161786	FRANCISCAN MATRIC PROJECT	ES	751	-10	40
270819	KGOTHALANG SECONDARY SCHOOL	GW	1344	100	40
330019	RUST-TER-VAAL COMBINED	SE	1265	66	40
240630	DITHABANENG PRIMARY SCHOOL	TN	514	-10	40
321257	PHEPANE PRIMARY SCHOOL	SW	514	-4	40
261115	MORITING PRIMARY SCHOOL	EN	949	60	40
261388	TLHAKANANG PRIMARY SCHOOL	EN	870	62	40
140772	MASEKHENE PRIMARY SCHOOL	JW	356	8	40
110338	TRINITY SECONDARY SCHOOL	JC	989	-24	40
121046	ROSETTENVILLE CENTRAL PRIMARY SCHOOL	JS	910	30	40
350934	NIMROD NDEBELE SECONDARY SCHOOL	GE	1029	82	40
111195	PRUDENS SECONDARY SCHOOL	JC	475	26	40
250654	UNITY PRIMARY SCHOOL	GW	950	103	40
162107	ZIMELE PRIMARY SCHOOL	ES	871	31	40
240929	MAKHOSINI COMBINED SECONDARY SCHOOL	TN	1069	-31	40
160069	REIGER PARK NO. 2 SECONDARY SCHOOL	ES	1267	58	40
320440	DR NHLAPO INTERMEDIATE SCHOOL	SW	792	6	40
926047	ZIVUSENI PRIMARY SCHOOL	GN	792	5	40
110536	AURORA GIRLS HIGH SCHOOL	JC	1149	-57	40
350926	MUZOMSHA PRIMARY SCHOOL	GE	753	6	40
912338	WINTERVELDT HIGH SCHOOL	TW	753	-18	40

320127	LAERSKOOL NOORDHOEK	SW	1150	77	40
152413	WITKOPPEN COMBINED FARM SCHOOL	JN	1150	104	40
220707	JAFTA MAHLANGU SECONDARY SCHOOL	TS	1071	-2	40
111336	THABA TSHEHLO PRIMARY SCHOOL	JC	357	32	40
320937	BEVERLY HILLS SECONDARY SCHOOL	SW	1468	75	40
120568	DIVERSITY HIGH SCHOOL	JS	873	37	40
311589	TSAKANE SECONDARY SCHOOL	GE	1746	77	40
914035	MOKONYAMA PRIMARY SCHOOL	TN	675	0	40
311548	THOLULWAZI SECONDARY SCHOOL	GE	1231	49	40
161349	PRIMROSE PRIMARY SCHOOL	EN	1152	324	40
400179	COSMO CITY JUNIOR PRIMARY SCHOOL	JN	1192	100	40
350033	NIGEL SECONDARY SCHOOL	GE	1073	85	40
400102	BEREA PARK INDEPENDENT HIGH SCHOOL	TS	954	26	40
132944	SHOMANG PRIMARY SCHOOL	JW	636	-27	40
232041	N'WA MHINGA PRIMARY SCHOOL	TS	517	11	40
120212	LANCEA VALE SECONDARY SCHOOL	JC	1274	14	40
340927	MOHLODI PRIMARY SCHOOL	ES	637	46	40
341230	SETSING PRIMARY SCHOOL	ES	1075	23	40
120774	LAERSKOOL VOORBRAND PRIMARY SCHOOL	JC	956	98	40
110205	MADIBA PRIMARY SCHOOL	JS	717	3	40
121731	SEFIKA PRIMARY SCHOOL	JC	757	22	40
251520	KHULULEKANI PRIMARY SCHOOL	GW	1594	-63	40
120865	NATURENA PRIMARY SCHOOL	JC	1076	117	40
311035	EMAROMENI PRIMARY PRIVATE SCHOOL	EN	279	-6	40
152306	Q-HOUSE	JE	279	8	40
330704	AMSAI PRIVATE PRIMARY SCHOOL	JS	1156	-2	40
270371	THUTO BOKAMOSO PRIMARY SCHOOL	GW	319	32	40
251686	MATLHASEDI PRIMARY SCHOOL	GW	997	-27	40
121541	MDELWA HLONGWANE PRIMARY SCHOOL	JN	678	5	40
121475	LEIHLO PRIMARY SCHOOL	JC	359	13	40
350892	MASIMINI PRIMARY SCHOOL	GE	718	25	40
321430	SEHOPOTSO SECONDARY SCHOOL	SW	718	-103	40
220053	NORRIDGE PARK PRIMARY SCHOOL	TS	1197	-52	40
120170	HEERENGRACHT PRIMARY SCHOOL	JC	878	-28	40
321273	PITSENG PRIMARY SCHOOL	SW	519	-34	40
121350	HLAKANIPHANI PRIMARY SCHOOL	JC	599	43	40
252867	LODIRILE SECONDARY SCHOOL	GW	1278	225	40
400077	STEVE BIKO PRIMARY SCHOOL	JS	639	12	40
133140	BREE PRIMARY SCHOOL	JN	719	61	40
161026	ALSTON PRIMARY SCHOOL	ES	1039	68	40
400151	LAKESIDE ESTATE PRIMARY SCHOOL	SE	1039	101	40
232348	LOTUS GARDENS SECONDARY SCHOOL	TW	1079	46	40
320887	MAGASELA PRIMARY SCHOOL	SW	840	35	40
911120	MARULA PRIMARY SCHOOL	TW	680	19	40
321117	MOSIOA PRIMARY SCHOOL	SW	360	34	40
321372	RAMOSUKULA PRIMARY SCHOOL	SW	240	-101	40
350041	SPRINGS SECONDARY SCHOOL	GE	920	27	40
162065	THEMBAKAZI PRIMARY SCHOOL	ES	560	13	40
133207	TSHEBELISANONG PRIMARY SCHOOL	JC	320	13	40

160010	DROMMEDARIS PRIMARY SCHOOL	ES	1441	69	40
250225	HOËRSKOOL DIE BURGER	JW	1041	-100	40
241802	ITUMELENG MADIBA PRIMARY SCHOOL	TW	1041	17	40
251975	THEMBILE PRIMARY SCHOOL	GW	1041	2	40
140103	RIVERLEA PRIMARY SCHOOL	JN	1001	46	40
330944	LEKOA SHANDU SECONDARY SCHOOL	SE	961	-43	40
331363	SPRINGFIELD JNR SECONDARY SCHOOL	SE	961	-82	40
111518	DAXINA PRIMARY SCHOOL	JS	881	34	40
320432	DINOKANENG SECONDARY SCHOOL	SW	881	-3	40
321596	TLHOLO INTERMEDIATE SCHOOL	SW	761	-28	40
311514	SIPHUMELELE PRIMARY SCHOOL	GE	641	27	40
241547	WALLMANSTHAL SECONDARY SCHOOL	TW	962	-26	40
133306	ZAKHENI PRIMARY SCHOOL	JN	441	50	40
340968	MOROJANENG PRIMARY SCHOOL	ES	802	-9	40
931778	REAKGONA PRIMARY SCHOOL	GW	1123	90	40
261065	MASISEBENZE COMPREHENSIVE SCHOOL	EN	2086	67	40
351304	ZIMISELE SECONDARY SCHOOL	GE	1003	42	40
120881	PARK SENIOR SCHOOL	JC	642	22	40
133132	THEMBALIHLE PRIMARY SCHOOL	JN	923	19	40
932332	WEDELA TECHNICAL SECONDARY SCHOOL	GW	923	-278	40
110148	LENASIA MODEL PRIMARY SCHOOL	JC	843	-3	40
132043	DALIWONGA SECONDARY SCHOOL	JC	803	111	40
161950	NEW COMET PRIMARY MINE SCHOOL	ES	803	60	40
241380	TIAMOKO PRIMARY SCHOOL	TN	803	-10	40
321109	MOSHATE SECONDARY SCHOOL	SW	1044	91	40
111203	REASOMA SECONDARY SCHOOL	JC	1647	62	40
311092	HB NYATHI SECONDARY SCHOOL	GE	1366	73	40
340919	MOHAUNG PRIMARY SCHOOL	ES	884	42	40
912016	SOSHANGAAN PRIMARY SCHOOL	TW	643	-69	40
211409	IRENE MIDDLE FARM SCHOOL	TS	563	2	40
240861	KUTUNG PRIMARY SCHOOL	TW	563	88	40
400226	NEW RATANDA SECONDARY SCHOOL	SE	1046	-15	40
111476	ZOLA PRIMARY SCHOOL	JC	523	-52	40
230052	LAUDIUM HEIGHTS PRIMARY SCHOOL	TS	845	17	40
311571	TSAKANE PRIMARY SCHOOL	GE	845	-63	40
150151	BRAMLEY PRIMARY SCHOOL	JE	1167	52	40
330936	LEHLASEDI PRIMARY SCHOOL	SE	644	32	40
140707	LEJOELEPUTSOA PRIMARY SCHOOL	JW	322	-7	40
340059	SHALIMAR RIDGE PRIMARY SCHOOL	SE	644	-12	40
120162	GOUDPARK PRIMARY SCHOOL	JC	926	-1	40
211300	BOSCHKOP PRIMARY FARM SCHOOL	GN	886	-11	40
131409	ROSENEATH PRIMARY SCHOOL	JE	1128	43	40
133355	CROWN REEF PRIMARY SCHOOL	JS	685	-4	40
111344	THABO SECONDARY SCHOOL	JC	1209	8	40
341354	THOKOZA PRIMARY SCHOOL	ES	403	-64	40
210773	LAERSKOOL OLIFANTSFONTEIN	TS	1451	127	40
120196	KLIPTOWN PRIMARY SCHOOL	JC	645	34	40
141226	WILHELMINA HOSKINS PRIMARY SCHOOL	JN	645	40	40
251736	MOSUPATSELA SECONDARY SCHOOL	GW	1532	-36	40

111021	MERAFE PRIMARY SCHOOL	JC	363	6	40
131995	CENTURION COLLEGE	JE	767	78	40
311027	EKUKHANYENI PRIMARY SCHOOL	GE	969	-21	40
221168	UMTHOMBO PRIMARY SCHOOL	TS	323	12	40
141242	WESTBURY PRIMARY SCHOOL	JN	848	26	40
240499	A RE THABENG PRIMARY SCHOOL	TW	525	96	40
311191	KHOMBINDLELA PRIMARY SCHOOL	GE	1010	28	40
140897	REBONGWE PRIMARY SCHOOL	JW	404	18	40
321620	TSHEMEDI PRIMARY SCHOOL	SW	606	8	40
350793	KENNETH MASEKELA SECONDARY SCHOOL	GE	1495	124	40
310623	BRAKPAN PRIMARY SCHOOL	GE	889	117	40
311522	SOLOMON MOTLANA PRIMARY SCHOOL	EN	485	14	40
261206	SHUKUMANI PRIMARY SCHOOL	EN	647	6	40
160044	LAKESIDE PRIMARY SCHOOL	ES	1092	1	40
340729	KEKETSO PRIMARY SCHOOL	ES	809	46	40
321224	PHAHAMANG PRIMARY SCHOOL	SW	809	-44	40
110304	PROGRESS PRIMARY SCHOOL	JC	890	21	40
110239	LIBRA PRIMARY SCHOOL	JC	850	27	40
120121	FIRETHORN PRIMARY SCHOOL	JC	1174	5	40
130294	EASTGATE PRIMARY SCHOOL	JE	567	7	41
221036	RETHAKGETSE PRIMARY SCHOOL	TS	648	46	41
332049	SINQOBILE PRIMARY SCHOOL	JS	729	-67	41
120246	MILNERTON PRIMARY SCHOOL	JC	770	72	41
130344	FAIRVIEW JUNIOR SCHOOL	JE	527	40	41
251876	SENYAMO PRIMARY SCHOOL	JW	446	10	41
351288	ZAMANI PRIMARY SCHOOL	GE	933	9	41
231423	SUNNYSIDE PRIMARY SCHOOL	TS	1217	109	41
220079	PROSPERITUS SECONDARY SCHOOL	TS	1501	46	41
330837	EMMANUEL PRIMARY SCHOOL	SE	568	-27	41
311613	UNITY SECONDARY SCHOOL	EN	1704	-7	41
911067	MANAMELONG PRIMARY SCHOOL	TW	1055	-21	41
340034	OPELWEG PRIMARY SCHOOL	ES	1461	40	41
260828	GAHLANSO PRIMARY SCHOOL	EN	975	51	41
121608	MUSI COMPREHENSIVE	JN	975	-8	41
120295	PARKDALE PRIMARY SCHOOL	JC	1300	10	41
311084	GUGULESIZWE PRIMRIY SCHOOL	GE	447	10	41
341081	PHUMELELA PRIMARY SCHOOL	ES	447	-36	41
120030	ELDOMAINE PRIMARY SCHOOL	JC	1260	168	41
340752	KHANYA-LESEDI SECONDARY SCHOOL	SE	1382	-29	41
270652	BULELANI PRIMARY SCHOOL	GW	935	25	41
911481	NICK MPSHE SECONDARY SCHOOL	TW	935	44	41
110619	EBUHLENI PRIMARY SCHOOL	JC	1179	30	41
220624	EZAZI PRIMARY SCHOOL	TS	366	-70	41
241216	RIVONINGO PRIMARY SCHOOL	TN	1058	68	41
140889	QHOBOSHEANE PRIMARY SCHOOL	JN	407	-7	41
120097	ELDORADO PARK SECONDARY SCHOOL	JC	1506	49	41
311332	MANDLETHU PRIMARY SCHOOL	GE	1140	-3	41
341255	SIJABULILE SECONDARY SCHOOL	ES	1507	46	41
331561	ZONKIZIWE PRIMARY SCHOOL ORANGE FARM	JS	1059	73	41

121079	CRESTVIEW PRIMARY SCHOOL	JS	611	29	41
111377	THOMAS MOFOLO SECONDARY SCHOOL	JC	1222	47	41
110122	IMPALA CRESCENT PRIMARY SCHOOL	JC	937	47	41
110999	MAPETLA HIGH SCHOOL	JC	1182	137	41
161927	NAGENG PRIMARY SCHOOL	ES	897	15	41
230375	HOËRSKOOL TUINE	TW	1346	83	41
400113	MOSES KOTANE PRIMARY SCHOOL	JW	1183	88	41
132274	IGUGU PRIMARY SCHOOL	JC	204	-1	41
133256	VEZOKUHLE PRIMARY SCHOOL	JW	653	50	41
133025	ST MATTHEWS PRIVATE PRIMARY SCHOOL (KLIPTOWN)	JC	694	-13	41
110296	PENTAROSA PRIMARY SCHOOL	JC	939	34	41
131730	YEOVILLE BOYS' PRIMARY SCHOOL	JE	858	262	41
133371	FORDSBURG PRIMARY SCHOOL	JN	1185	52	41
310086	RYNSOORD PRIMARY SCHOOL	EN	899	110	41
231639	EDWARD PHATUDI SECONDARY SCHOOL	TS	1226	84	41
350900	MMUSO PRIMARY SCHOOL	GE	940	12	41
330332	LAERSKOOL DE DEUR	SE	654	-8	41
911268	MODISELLE PRIMARY SCHOOL	TW	654	41	41
133215	TSHEDIMOSHO-MEHLALENG PRIM	JC	327	18	41
310920	BHEKIMFUNDO PRIMARY SCHOOL	EN	1022	45	41
320903	MAKAPANE PRIMARY SCHOOL	SW	941	13	41
251223	BOIKANYO PRIMARY SCHOOL	JW	573	-23	41
400237	RESHOMILE PRIMARY SCHOOL	JN	1187	-44	41
340067	PALMRIDGE SECONDARY SCHOOL	ES	1842	137	41
132613	NEW MODEL □ PRIVATE COLLEGE	JS	1638	-60	41
912064	TEBOGWANA SECONDARY SCHOOL	TW	860	-77	41
251678	MATLA COMBINED SCHOOL	GW	1065	148	41
111740	BUYANI PRIMARY SCHOOL	JS	779	136	41
260349	CHLOOKOP PRIMARY SCHOOL	EN	984	90	41
110114	HARMONY PRIMARY SCHOOL	JC	984	33	41
110841	KHUTHALA PRIMARY SCHOOL	JC	533	-30	41
350835	KWA-THEMA PRIMARY SCHOOL	GE	984	15	41
320804	LEFIKA PRIMARY SCHOOL	SW	697	50	41
111815	OAKDALE SECONDARY SCHOOL	JS	1558	252	41
232124	PHELINDABA SECONDARY SCHOOL	TS	1148	26	41
120329	ST IVES PRIMARY SCHOOL	JC	1189	94	41
140962	THABISILE PRIMARY SCHOOL	JN	328	53	41
241448	TSAROGA-PHOKA PRIMARY SCHOOL	TN	656	23	41
121392	IBHONGO SECONDARY SCHOOL	JC	985	80	41
331041	MICHAEL RUA INTERMEDIATE FARM	SE	985	60	41
230011	ANDREW ANTHONY PRIMARY SCHOOL	TS	903	13	41
910214	BOTSALO PRIMARY SCHOOL	TW	862	41	41
152223	KWENA MOLAPO COMPREHENSIVE FARM SCHOOL	JN	821	230	41
311498	SIBONELO PRIMARY SCHOOL	EN	739	-8	41
350751	IPHAHAMISENG PRIMARY SCHOOL	GE	657	43	41
221093	SIKHANYISELE PRIMARY SCHOOL	TS	493	126	41
331017	MATSIE STEYN PRIMARY SCHOOL	SE	740	-1	41
400122	ZONKIZIWE SECONDARY SCHOOL	ES	1110	22	41
310508	LAERSKOOL KOMMANDO	GE	946	199	41

351148	THEMBALIKAZULU PRIMARY SCHOOL	GE	617	8	41
341453	UMTHOLO PRIMARY SCHOOL	ES	1810	18	41
231613	DR WF NKOMO SECONDARY S. SCHOOL	TS	1152	-211	41
110627	ELSIE NGIDI PRIMARY SCHOOL	JC	823	18	41
400244	PROTEA GLEN SECONDARY SCHOOL	JC	535	335	41
910479	HL SETLALENTOA SECONDARY SCHOOL	TW	782	-54	41
340596	FOUNTAIN FIVE PRIMARY SCHOOL	SE	1071	-14	41
350017	ALRAPARK PRIMARY SCHOOL	GE	1236	74	41
220996	PULA-DIFATE PRIMARY SCHOOL	TS	618	17	41
241521	VUKOSI PRIMARY SCHOOL	TW	1195	63	41
230029	HILLSIDE PRIMARY SCHOOL	TS	989	86	41
140012	BERNARD ISAACS PRIMARY SCHOOL	JN	1154	2	41
161679	WYCHWOOD PRIMARY SCHOOL	EN	577	12	41
130153	BARNATO PARK HIGH SCHOOL	JE	948	29	41
911498	NGAKA MASEKO SECONDARY SCHOOL	TW	948	123	41
341057	NTUTHUKO PRIMARY SCHOOL	ES	948	25	41
320952	EVATON PRIMARY SCHOOL	SW	1319	-41	41
140558	IKANENG PRIMARY SCHOOL	JN	1319	20	41
270918	MATLAPANENG PRIMARY SCHOOL	GW	907	-35	41
910126	BODUBELO PRIMARY SCHOOL	TW	536	-20	41
221176	UOANE PRIMARY SCHOOL	TS	536	8	41
400329	OLIEVENHOUTBOSCH PRIMARY	TS	866	866	41
400318	PRETORIA INSTITUTE OF LEARNING	TS	495	495	41
911845	RETLILEPELE PRIMARY SCHOOL	TW	330	-59	41
351338	VUKUCINGE PRIMARY FARM SCHOOL	GE	1155	13	41
130872	MALVERN PRIMARY SCHOOL	JE	949	24	41
132951	SIR ISAAC NEWTON HIGH SCHOOL	JE	619	212	41
321653	TSHIRELA PRIMARY SCHOOL	SW	908	20	41
110312	SHARICREST PRIMARY SCHOOL	JS	991	-9	41
341131	QHAQHOLLA PRIMARY SCHOOL	SE	950	46	41
400210	SGODIPHOLA SECONDARY SCHOOL	JN	1074	70	41
321703	TSOLO SECONDARY SCHOOL	SW	1446	97	41
241240	SEDIBA-SA-TSEBO PRIMARY SCHOOL	TN	785	17	41
121210	ALTMONT TECHNICAL HIGH SCHOOL	JC	1157	-82	41
330712	LESEDI LA KRESTE ANGLICAN PRIMARY SCHOOL	JS	1157	35	41
110197	SOUTHVIEW HIGH SCHOOL	JS	1777	126	41
350702	FRED HABEDI PRIMARY SCHOOL	GE	744	31	41
400106	IGUGULETHU PRIMARY SCHOOL	JS	1116	64	41
312075	PETIT HIGH SCHOOL	EN	1240	169	41
311068	FUNUKUKHANYA PRIMARY SCHOOL	GE	993	166	41
340802	KWADUKATHOLE COMPREHENSIVE SCHOOL	ES	1324	494	41
220038	JAKARANDA PRIMARY SCHOOL	TS	1076	74	41
251199	ATLHOLANG PRIMARY SCHOOL	GW	745	32	41
140780	MATSELISO SECONDARY SCHOOL	JW	1035	-225	41
160036	GOEDE HOOP PRIMARY SCHOOL	ES	1491	64	41
311423	NTSIKANA PRIMARY SCHOOL	GE	870	71	41
311399	MOSHOESHOE PRIMARY SCHOOL	GE	953	11	41
231563	BUD MBELLE PRIMARY SCHOOL	TS	663	-8	41
270488	RANDFONTEIN HIGH SCHOOL	GW	1202	56	41

241852	GONTSE PRIMARY SCHOOL	TW	1285	-62	41
400120	SIMUNYE SECONDARY SCHOOL	GW	1161	31	41
110015	DALEVIEW PRIMARY SCHOOL	JS	1120	28	41
140533	GIYANI PRIMARY SCHOOL	JN	415	-12	42
311167	KATLEGO INTERMEDIATE SCHOOL	GE	1079	57	42
320689	KATLEHO-IMPUMELELO SECONDARY SCHOOL	SW	1079	32	42
231910	MAKGWARANENG PRIMARY SCHOOL	TS	498	39	42
251942	THABANG PRIMARY SCHOOL	JW	415	-18	42
340521	DE BRUYN PRIMARY SCHOOL	ES	789	-55	42
911388	MORULA VIEW PRIMARY SCHOOL	TW	623	53	42
311480	SHADRACK MBAMBO PRIMARY SCHOOL	GE	1163	13	42
351197	TSIMONG PRIMARY SCHOOL	GE	374	6	42
271130	TSITSIBOGA PRIMARY SCHOOL	GW	1206	89	42
110882	LEITSHIBOLO PRIMARY SCHOOL	JC	416	56	42
351106	SITHEMBISO PRIMARY SCHOOL	GE	416	33	42
232272	THOHO-YA-NDOU PRIMARY SCHOOL	TS	541	21	42
210286	IRENE PRIMARY SCHOOL	TS	874	6	42
121566	MOLALATLADI PRIMARY SCHOOL	JC	333	14	42
220913	MVELEDZO PRIMARY SCHOOL	TS	333	3	42
232661	PHUTHADITSHABA PRIMARY SCHOOL	TS	1583	9	42
111567	SAINT GOERGE PRIMARY SCHOOL	JS	1250	15	42
120113	EW HOBBS PRIMARY SCHOOL	JC	1292	3	42
270736	HLANGABEZA PRIMARY SCHOOL	GW	1167	82	42
350264	LAERSKOOL DUNNOTTAR	GE	667	5	42
321265	PHUTHULLA PRIMARY SCHOOL	SW	667	23	42
311142	JE MALEPE SECONDARY SCHOOL	GE	1501	91	42
400139	WINDMILL PARK SECONDARY SCHOOL	ES	1793	326	42
252792	KID MAPONYA PRIMARY SCHOOL	GW	1251	-31	42
121889	WISANI PRIMARY SCHOOL	JN	417	-3	42
342056	RATANDA PRIMARY SCHOOL	SE	1168	-17	42
321513	THABENG PRIMARY SCHOOL	SW	1043	31	42
271056	SEDIMOSANG PRIMARY SCHOOL	GW	1085	59	42
160317	DINWIDDIE HIGH SCHOOL	ES	1211	84	42
320598	IMFUNDO MIDDLE SCHOOL	SW	710	49	42
311506	SIPHETHU PRIMARY SCHOOL	EN	1086	9	42
131748	YEOVILLE COMMUNITY SCHOOL	JE	961	86	42
351114	SIZWESETHU PRIMARY SCHOOL	GE	794	24	42
130690	JOHN MITCHELL PRIMARY SCHOOL	JE	1003	38	42
321240	PHEHELLO PRIMARY SCHOOL	SW	1003	93	42
919000	REFENTSE PRIMARY SCHOOL	TN	627	57	42
211649	SEDIBENG PRIMARY SCHOOL	GN	1505	-90	42
232082	PATOGENG PRIMARY SCHOOL	TS	669	11	42
111385	THULANI PRIMARY SCHOOL	JC	669	9	42
120220	MCBAIN CHARLES PRIMARY SCHOOL	JC	711	33	42
910926	LORATONG PRIMARY SCHOOL	TN	795	5	42
911799	REFITLHILE PRIMARY SCHOOL	TN	544	-24	42
310045	ACTONVILLE PRIMARY SCHOOL	EN	1256	75	42
140681	LAMULA JUBILEE SECONDARY SCHOOL	JW	1256	90	42
321307	QEDILIZWE SECONDARY SCHOOL	SW	1298	8	42

140459	DZATA PRIMARY SCHOOL	JW	335	-19	42
121418	ISIPHO PRIMARY SCHOOL	JC	377	12	42
161273	LEEUEWPORT PRIMARY SCHOOL	ES	377	55	42
231936	MAREMATLOU PRIMARY SCHOOL	TS	377	-9	42
140822	TSIETSI MASHININI PRIMARY SCHOOL	JW	377	49	42
130575	I H HARRIS PRIMARY SCHOOL	JE	796	8	42
331462	TSOELOPELE PRIMARY SCHOOL	SE	419	168	42
321315	QHOWENG PRIMARY SCHOOL	SW	1006	-14	42
152140	IKAGE PRIMARY SCHOOL	JE	1175	56	42
111526	ZAKARIYYA PARK SECONDARY SCHOOL	JS	1931	196	42
140491	EMPUMALANGA PRIMARY SCHOOL	JW	714	-25	42
320143	LAERSKOOL PARKSIG	SW	672	15	42
331082	MOYISELA PRIMARY SCHOOL	JS	1092	16	42
133108	THABANENG PRIMARY SCHOOL	JW	546	55	42
321570	THUTO-TIRO COMPREHENSIVE	SW	1218	137	42
400149	DIEPSLOOT WEST SECONDARY SCHOOL	JN	1135	53	42
311324	MAMELLONG COMPREHENSIVE	GE	1514	-124	42
270926	MBULELO PRIMARY SCHOOL	GW	1136	128	42
332065	DALESIDE FARM PRIMARY SCHOOL	SE	463	8	42
140574	INDONI JUNIOR SECONDARY SCHOOL	JW	421	12	42
152009	ALEXANDRA SECONDARY SCHOOL	JE	1811	-4	42
400221	IKUSASALETHU SECONDARY SCHOOL	JW	1053	129	42
341511	WINILE SECONDARY SCHOOL	ES	1727	-46	42
152090	EAST BANK HIGH SCHOOL	JE	1643	-45	42
310359	HOËRSKOOL STOFFBERG	GE	969	28	42
140426	BOPASENATLA SECONDARY SCHOOL	JN	590	25	42
161687	ABINALA PRIMARY SCHOOL	ES	843	-1	42
910825	LEBONENG PRIMARY SCHOOL	TN	506	39	42
311316	MAGALELAGASE PRIMARY SCHOOL	EN	759	-22	42
111542	ODINPARK PRIMARY SCHOOL	JS	1265	52	42
400153	TANDI ELEANOR SIBEKO SECONDARY SCHOOL	GE	1012	-3	42
341198	SAKHILE PRIMARY SCHOOL	SE	970	-40	42
220905	MOTHEO PRIMARY SCHOOL	TS	464	6	42
330902	KGOMOCO PRIMARY SCHOOL	SE	886	42	42
220541	BALEBOGENG PRIMARY SCHOOL	TS	633	-7	42
914251	DR. MOTSUENYANE SECONDARY SCHOOL	TW	1013	83	42
241779	ELIZABETH MATSEMELA SECONDARY SCHOOL	TN	971	-123	42
311381	MICHAEL ZULU PRIMARY SCHOOL	GE	1141	55	42
400211	TIRISANO - MMOGO JUNIOR SECONDARY SCHOOL	JN	1268	423	42
132878	RUTEGANG PRIMARY SCHOOL	JC	423	-1	42
221028	STANZA BOPAPE SECONDARY SCHOOL	TS	1269	99	42
160028	EKURHULENI PRIMARY SCHOOL	ES	1100	-261	42
122002	LAKEVIEW PRIMARY SCHOOL	JC	677	76	42
340893	MATSEDISO PRIMARY SCHOOL	ES	931	-75	42
212267	WALTER SISULU PRIMARY SCHOOL	TS	1312	-2	42
150920	LYNDHURST PRIMARY SCHOOL	JE	635	10	42
321356	RADIPEU PRIMARY FARM SCHOOL	SW	381	-7	42
122234	JOHANNESBURG POLYTECH INSTITUTE	JS	2625	462	42
925413	HLOLISISA PRIMARY SCHOOL	GN	1059	91	42

311159	JS MALAZA PRIMARY SCHOOL	GE	678	-92	42
341883	THEMBALETHU PRIMARY SCHOOL	ES	1102	6	42
131961	BONA COMPREHENSIVE SCHOOL	JN	763	-37	42
311175	KGALEMA PRIMARY SCHOOL	GE	1230	-108	42
260745	ENDULWENI PRIMARY SCHOOL	EN	1018	70	42
400203	KAGISO EXTENSION 14 SECONDARY SCHOOL	GW	934	22	42
350975	NTOKOZWENI PRIMARY SCHOOL	GE	934	23	42
211334	CHIPA-TABANE SECONDARY SCHOOL	GN	1486	49	42
251512	KHASelihLE PRIMARY SCHOOL	GW	892	20	42
311654	VUYANI PRIMARY SCHOOL	GE	977	-31	42
270900	MAPUTLE PRIMARY SCHOOL	GW	1062	26	42
350595	BONGANI PRIMARY FARM SCHOOL	GE	425	28	43
321927	DINOKENG PRIMARY FARM SCHOOL	SW	340	39	43
400021	EMFULENI PRIMARY SCHOOL	SW	1020	112	43
331181	QOQA SECONDARY SCHOOL	JS	595	595	43
241174	REITUMETSE SECONDARY SCHOOL	TW	1105	4	43
162016	RONDEBULT SECONDARY SCHOOL	ES	1020	22	43
241513	VUKANI PRIMARY SCHOOL	TN	595	44	43
240697	ST FRANCIS PRIMARY SCHOOL	TN	893	-69	43
400248	KATLEHONG SECONDARY SCHOOL NO. 2	ES	723	723	43
140566	IMMACULATA SECONDARY SCHOOL	JN	638	-42	43
311407	NCHABELENG PRIMARY SCHOOL	GE	1021	4	43
111914	THOLIMFUNDO PRIMARY SCHOOL	JC	1021	49	43
320382	BULADITSHABA PRIMARY SCHOOL	SW	596	51	43
330035	ROSHNEE PRIMARY SCHOOL	SE	1150	52	43
141085	TSHIRELETSO PRIMARY SCHOOL	JW	426	-33	43
110775	ITEMOGELE PRIMARY SCHOOL	JC	980	-4	43
220616	EMTHUNZINI PRIMARY SCHOOL	TS	341	65	43
110957	LUYOLO PRIMARY SCHOOL	JC	341	20	43
111328	TETELO SECONDARY SCHOOL	JC	1151	-24	43
351171	TLAKULA SECONDARY SCHOOL	GE	1151	15	43
240952	MEETSENG PRIMARY SCHOOL	TW	810	123	43
311183	KGOTHALONG PRIMARY SCHOOL	EN	469	17	43
110163	SIERRA NEVADA PRIMARY SCHOOL	JS	853	18	43
260638	BOJELONG PRIMARY SCHOOL	EN	939	16	43
261099	MODUOPO PRIMARY SCHOOL	EN	982	26	43
111211	REBONE PRIMARY SCHOOL	JC	427	27	43
131300	ASTERI PRIMARY SCHOOL	JE	726	117	43
261694	REAGILE PRIMARY SCHOOL	EN	1922	90	43
251769	PHATUDI PRIMARY SCHOOL	GW	1196	70	43
132993	ST JOHN BERCHMANS PRIMARY SCHOOL	JN	769	14	43
120014	BOEKENHOUT PRIMARY SCHOOL	JC	1239	52	43
111096	MOTSANENG PRIMARY SCHOOL	JC	342	12	43
221085	SINDAWONYE PRIMARY SCHOOL	TS	342	-5	43
321562	THUTHUKANI PRIMARY SCHOOL	SW	342	-55	43
231670	FLAVIUS MAREKA SECONDARY SCHOOL.	TS	1069	36	43
240978	MMABANA PRIMARY SCHOOL	TN	727	48	43
261040	MASHEMONG PRIMARY SCHOOL	EN	941	45	43
161935	NDLELENHLE PRIMARY SCHOOL	ES	941	33	43

331108	NOMIMI PRIMARY SCHOOL	JS	1369	-33	43
160960	LAERSKOOL LEONDALE PARALLEL MEDIUM	ES	1284	20	43
221150	TSHIMOLLO PRIMARY SCHOOL	TS	428	46	43
241018	NCHUNCHEKO PRIMARY SCHOOL	TN	899	34	43
241372	THUTONG JUNIOR SECONDARY SCHOOL	TW	942	114	43
340018	EDENPARK PRIMARY SCHOOL	ES	1285	35	43
132670	ORLANDO SECONDARY SCHOOL	JN	814	-46	43
400085	LANGALIBALELE DUBE PRIMARY SCHOOL	JS	772	30	43
321042	MOJALA-THUTO PRIMARY SCHOOL	SW	815	47	43
260729	EMMANGWENI PRIMARY SCHOOL	EN	1287	122	43
240515	AYANDA PRIMARY SCHOOL	TW	1588	14	43
400137	GREENFIELDS SECONDARY SCHOOL	ES	1889	362	43
240937	MATHAGA PRIMARY SCHOOL	TW	644	-9	43
911487	NAMO PRIMARY SCHOOL	TN	644	18	43
914265	REATLEGILE PRIMARY SCHOOL	TW	859	-27	43
240531	BALESENG PRIMARY SCHOOL	TW	902	162	43
220863	MOGALE PRIMARY SCHOOL	TS	1117	57	43
121277	EKUPHUMELELENI PRIMARY SCHOOL	JC	516	12	43
121848	TSHEBEDISANO PRIMARY SCHOOL	JN	688	25	43
351296	ZIKHETHELE SECONDARY SCHOOL	GE	989	55	43
341271	SITHOKOMELE PRIMARY SCHOOL	SE	1248	-13	43
310078	PIONEER PRIMARY SCHOOL	EN	1119	38	43
110064	APEX PRIMARY SCHOOL	JS	947	13	43
261362	THUTO-KE-MAATLA COMPREHENSIVE SCHOOL	EN	1894	20	43
341412	TSHWARAGANO PRIMARY SCHOOL	ES	861	67	43
340380	ABRAM HLOPHE PRIMARY SCHOOL	ES	1809	2	43
912133	TIDIMALONG PRIMARY SCHOOL	TW	1077	52	43
350967	NOMNEKANE PRIMARY SCHOOL	GE	819	22	43
331405	THAMSANQA SECONDARY SCHOOL	JS	1638	128	43
320911	MAKGETHE PRIMARY SCHOOL	SW	733	97	43
110171	KIASHA PARK PRIMARY SCHOOL	JS	1035	9	43
241083	PHUMZILE PRIMARY SCHOOL	TN	345	45	43
251405	FORTE SECONDARY SCHOOL	JW	1337	36	43
311217	LEBONE PRIMARY SCHOOL	GE	1165	51	43
240572	BOEPATHUTSE JUNIOR SECONDARY SCHOOL	TN	820	115	43
400208	FUSION SECONDARY SCHOOL	TW	1036	183	43
270942	MOHLAKANO PRIMARY SCHOOL	GW	993	29	43
252098	WD OLIPHANT PRIMARY SCHOOL	GW	734	15	43
240556	BAXOXELE PRIMARY SCHOOL	TN	950	46	43
340679	INTOKOZO PRIMARY SCHOOL	ES	821	8	43
321067	MOLOANTOA PRIMARY SCHOOL	SW	1167	67	43
400117	TEMBISA WEST SECONDARY SCHOOL	EN	1167	-13	43
911115	MAROTOLA PRIMARY SCHOOL	TN	1038	-18	43
311852	VEZUKHONO SECONDARY SCHOOL	GE	1298	82	43
321521	THARABOLLO SECONDARY SCHOOL	SW	1255	31	43
270892	MALERATO PRIMARY SCHOOL	GW	1082	51	43
120105	ELDRIDGE PRIMARY SCHOOL	JC	909	5	43
110031	LAWLEY PRIMARY SCHOOL	JS	1472	154	43
260752	ENTSHONALANGA PRIMARY SCHOOL	EN	1732	25	43

120261	NANCEFIELD PRIMARY SCHOOL	JC	996	23	43
911807	REIMOLOTSWE PRIMARY SCHOOL	TW	563	40	43
400121	HARRY GWALA PRIMARY SCHOOL	JW	1213	-24	43
341123	PONEGO SECONDARY SCHOOL	ES	1863	-5	43
211540	MPHUMELOMMUHLE SECONDARY SCHOOL	GN	260	-7	43
140517	FIDELITAS COMPREHENSIVE S.	JN	997	173	43
140764	MANGWELE PRIMARY SCHOOL	JN	347	4	43
271007	PHANDULWAZI PRIMARY SCHOOL	GW	694	14	43
220574	BULA-DIKGORO PRIMARY SCHOOL	TS	1258	-20	43
320325	BOIKGETHELO SECONDARY SCHOOL	SW	911	176	43
910962	MABU-A-TLOU PRIMARY SCHOOL	TN	998	66	43
110981	FINETOWN PRIMARY SCHOOL	JS	1215	8	43
271163	VENTERSPOS PRIMARY MINE SCHOOL	GW	825	30	43
400083	FREEDOM PRIMARY SCHOOL	JC	1520	137	43
220657	GATANG SECONDARY SCHOOL	TS	1781	195	43
133470	CROWN REEF PRIMARY MINE SCHOOL	JN	391	29	43
110585	DIKGABANE PRIMARY SCHOOL	JC	956	-38	43
161794	GRACELAND EDUCATION CENTRE	ES	1695	51	43
160051	OOSRAND SECONDARY SCHOOL	ES	1522	-44	43
241208	RHULANI PRIMARY SCHOOL	TN	696	87	44
351155	THEO-TWALA PRIMARY SCHOOL	GE	914	69	44
131862	ANCHOR COMPREHENSIVE	JW	871	70	44
140079	NOORDGESIG PRIMARY SCHOOL	JN	1395	50	44
340711	KATLEHONG SECONDARY SCHOOL	ES	1613	158	44
341321	THABOTONA PRIMARY FARM SCHOOL	ES	1090	30	44
220749	LEHLABILE SECONDARY SCHOOL	TS	1352	145	44
220566	BOIKGANTSHO PRIMARY SCHOOL	TS	916	-8	44
331900	TISETSO-BEKEZELA PRIMARY SCHOOL	JS	1396	78	44
162073	THUTO-LESEDI SECONDARY SCHOOL	ES	2007	58	44
351015	QEDUSIZI PRIMARY SCHOOL	GE	960	38	44
241761	SINQOBILE PRIMARY SCHOOL	TW	1266	298	44
270801	KAMOHELO PUBLIC SCHOOL	GW	1005	123	44
121855	USINDISO PRIMARY SCHOOL	JC	437	-23	44
331009	MATIWANE COMBINED SCHOOL	JS	1705	263	44
220608	EMASANGWENE PRIMARY SCHOOL	TS	1313	49	44
320556	FUNDULWAZI SECONDARY SCHOOL	SW	1313	69	44
220699	J KEKANA SECONDARY SCHOOL	TS	1007	6	44
321141	MQINISWA PRIMARY SCHOOL	SW	1007	-66	44
321349	QWELANG PRIMARY SCHOOL	SW	1007	23	44
911794	REFALOTSE PRIMARY SCHOOL	TW	1007	-62	44
241026	NTSAKO SECONDARY SCHOOL	TN	832	42	44
220046	NANTES PRIMARY SCHOOL	TS	1051	32	44
340984	MPILISWENI SECONDARY SCHOOL	ES	1270	128	44
152132	GORDON PRIMARY SCHOOL	JE	876	61	44
140871	PALESA PRIMARY SCHOOL	JW	438	151	44
341438	UKHANYISO PRIMARY SCHOOL	ES	920	-62	44
341446	UMKHATHIZWE PRIMARY SCHOOL	ES	920	51	44
320960	MAXEKE SECONDARY SCHOOL	SW	1402	152	44
152314	REALO SECONDARY SCHOOL	JE	1578	142	44

400204	FREEDOM PARK PRIMARY SCHOOL	JC	1359	130	44
311555	THOPODI PRIMARY SCHOOL	GE	1096	42	44
321679	TSOARANANG PRIMARY SCHOOL	SE	1140	-14	44
252023	TSHOLETSEGA PUBLIC SCHOOL	GW	877	129	44
251991	THUTO LEFA SECONDARY SCHOOL	GW	1535	142	44
911424	MOTJIBOSANE PRIMARY SCHOOL	TN	658	-102	44
211268	BAPSFONTEIN PRIMARY FARM SCHOOL	EN	351	-107	44
140749	LOURDES PRIMARY PRIVATE SCHOOL	JN	702	-126	44
220020	EERSTERUST SECONDARY SCHOOL	TS	1097	176	44
910355	EMA PRIMARY SCHOOL	TW	790	123	44
152181	ITIRELE-ZENZELE COMPREHENSIVE SCHOOL	JN	1449	-94	44
350777	JOB MASEKO PRIMARY SCHOOL	GE	966	23	44
340406	ALAFANG SECONDARY SCHOOL	ES	1493	-82	44
310995	DINOTO TECHNICAL SECONDARY SCHOOL	EN	1010	17	44
152108	EKUKHANYISWENI PRIMARY SCHOOL	JE	1098	23	44
141036	TIYIMISENI PRIMARY SCHOOL	JW	615	43	44
331074	MOHLOLI SECONDARY SCHOOL	SE	1318	88	44
133033	ST MATTHEWS PRIVATE SECONDARY SCHOOL (KLIPTOWN)	JC	659	18	44
910678	TOKYO SEXWALE PRIMARY SCHOOL	TW	659	209	44
160077	REIGER PARK PRIMARY SCHOOL	ES	1231	25	44
120253	MISSOURILAAN SECONDARY SCHOOL	JC	1451	118	44
311050	ETWATWA SECONDARY SCHOOL	EN	1539	21	44
310961	DAN PHARASI PRIMARY SCHOOL	GE	1144	-78	44
152116	EMFUNDISWENI PRIMARY SCHOOL	JE	1012	288	44
910512	HOLY TRINITY SECONDARY SCHOOL	TW	924	-26	44
910553	I. R. LESOLANG SECONDARY SCHOOL	TW	1100	130	44
111658	MOSES MAREN MISSION TECHNICAL SECONDARY SCHOOL	JS	880	81	44
121590	MOTJOLI PRIMARY SCHOOL	JC	484	21	44
341024	NOKULUNGA PRIMARY SCHOOL	ES	836	49	44
912108	THULAGANYO PRIMARY SCHOOL	TW	924	924	44
251652	UNIFIED PUBLIC SCHOOL	JW	1144	20	44
271495	HLANGANANI PRIMARY SCHOOL	GW	1233	133	44
231514	BANARENG PRIMARY SCHOOL	TS	969	35	44
110346	ZODIAC PRIMARY SCHOOL	JS	969	19	44
121491	LETARE SECONDARY SCHOOL	JC	925	196	44
240283	LAERSKOOL KLIPDRIFT	GN	617	40	44
252007	MAYIBUYE PRIMARY SCHOOL	JW	1499	108	44
230086	OMAR H.S.EBRAHIM LOTUS GARDENS PRIMARY SCHOOL	TW	1323	164	44
320713	KHUTLO-THARO SECONDARY SCHOOL	SW	1191	-315	44
131805	AB XUMA PRIMARY SCHOOL	JN	706	-8	44
240754	IKHWEZILETHEMBA INTERMEDIATE SCHOOL	TN	353	7	44
161869	KHAYELIHLE PRIMARY SCHOOL	ES	1059	50	44
220889	MORAKOMA PRIMARY SCHOOL	TS	353	-6	44
252825	TSHEPISONG PRIMARY SCHOOL	JW	1236	93	44
251264	BOSELE PUBLIC INTERMEDIATE SCHOOL	GW	883	93	44
111559	SPECTRUM PRIMARY SCHOOL	JS	1016	-3	44
400212	COSMO CITY WEST PRIMARY SCHOOL	JN	1237	114	44
311662	KINGSWAY INTERMEDIATE SCHOOL	EN	1237	75	44

912053	TANE PRIMARY SCHOOL	TN	972	-39	44
211359	DAN KUTUMELA SECONDARY SCHOOL	GN	1679	112	44
310938	BUHLEBEMFUNDO SECONDARY SCHOOL	GE	1812	-18	44
220061	P S FOURIE PRIMARY SCHOOL	TS	1282	47	44
332099	GOVAN MBEKI PRIMARY SCHOOL	JS	1238	61	44
400209	LEHAE PRIMARY SCHOOL	JS	1150	86	44
911205	MLOKOTWA DUBE PRIMARY SCHOOL	TW	841	-43	44
321554	THUSA-SETJHABA SECONDARY SCHOOL	JS	1151	-118	44
321208	NTSELE PRIMARY SCHOOL	SW	930	32	44
321745	ZITHULELE PRIMARY SCHOOL	SW	443	-15	44
152207	KWABHEKILANGA SECONDARY SCHOOL	JE	1462	28	44
340695	IZIBUKO PRIMARY SCHOOL	ES	1019	-116	44
930749	KOKOSI PRIMARY SCHOOL	GW	1152	33	44
271155	TSWELELO PRIMARY SCHOOL	GW	842	-74	44
351262	ZAKHENI PRIMARY SCHOOL	GE	975	19	44
310052	BENONI PRIMARY SCHOOL	EN	1064	27	44
240275	LAERSKOOL HAAKDOORN	TN	1064	29	44
241133	RAIKANA PRIMARY SCHOOL	TN	931	77	44
911829	RENEILWE PRIMARY SCHOOL	TN	532	1	44
110767	WILLOWMEAD SECONDARY SCHOOL	JS	1952	264	44
311431	PHANDIMFUNDO SECONDARY SCHOOL	GE	1598	5	44
132449	LOFENTSE GIRLS HIGH SCHOOL	JN	1021	78	44
311449	PHUMLANI PRIMARY SCHOOL	GE	1421	10	44
133322	ZITHATHELE PRIMARY SCHOOL	JN	1199	93	44
331546	SAKHISIZWE SECONDARY SCHOOL	JS	1066	21	44
330696	AHA-THUTO SECONDARY SCHOOL	JS	1555	-71	44
221077	SHIRINDA PRIMARY SCHOOL	TS	400	19	44
131714	TROYEVILLE PRIMARY SCHOOL	JE	667	47	44
150011	ALLANRIDGE SECONDARY SCHOOL	JE	1868	243	44
320853	LETSHEGO PRIMARY SCHOOL	SW	1023	42	44
321505	TANDUKWAZI SECONDARY SCHOOL	SW	1468	66	44
132167	EMADWALENI SECONDARY SCHOOL	JW	534	49	45
241299	SIYOKHELA PRIMARY SCHOOL	TN	267	31	45
220681	SOLOMON MAHLANGU FREEDOM SCHOOL	TS	1424	31	45
331918	STRETFORD EXT 8 PRIMARY SCHOOL	JS	979	39	45
110874	LAVELA SECONDARY SCHOOL	JC	1291	129	45
331447	TSHEPANA PRIMARY SCHOOL	JS	1202	39	45
141127	TUMANG PRIMARY SCHOOL	JW	668	0	45
914249	FR. SMANGALISO MKHATSHWA SECONDARY SCHOOL	TW	713	90	45
111278	SIBONGILE PRIMARY SCHOOL	JC	758	31	45
340877	MAITJIBULO PRIMARY SCHOOL	ES	1204	15	45
321398	RUTASETJHABA SECONDARY SCHOOL	SW	1561	98	45
121236	BHUKULANI SECONDARY SCHOOL	JC	1294	-46	45
914036	MAKGAKE PRIMARY SCHOOL	TN	1071	51	45
341537	ZONKIZIZWE PRIMARY SCHOOL KATLEHONG	ES	1919	-34	45
240713	FUNEKILE SECONDARY SCHOOL	TW	625	-92	45
152058	CARTER PRIMARY SCHOOL	JE	1117	95	45
231803	JJ DE JONG PRIMARY SHCOOL SCHOOL	TS	849	9	45
400220	RAYMOND MHLABA SECONDARY SCHOOL	JW	1073	-58	45

240911	MAFUMBUKA PRIMARY SCHOOL	TN	1163	-17	45
400109	GLENBRACK JUNIOR SECONDARY (UNREGISTERED) SCHOOL	ES	671	-2	45
241828	REABETSWA PRIMARY SCHOOL	TW	1253	55	45
910007	ABEL MOTSHOANE SECONDARY SCHOOL	TW	806	106	45
311563	THUTHUKANISIZWE PRIMARY SCHOOL	GE	1209	26	45
330878	ITEMOHENG PRIMARY SCHOOL	JS	1075	135	45
110890	LENZ PUBLIC SCHOOL	JC	1075	60	45
320341	BOPHELONG PRIMARY SCHOOL	SW	1120	-12	45
331249	REFALLETSE PRIMARY SCHOOL	JS	1165	2	45
140731	LIVHUWANI PRIMARY SCHOOL	JW	717	73	45
331629	LAUS DEO PRIMARY SCHOOL	JS	762	51	45
271072	IZANOKHANYO PRIMARY SCHOOL	GW	1256	61	45
400082	BRAAMFISCHERVILLE PRIMARY SCHOOL	JW	1301	135	45
400222	THATHULWAZI W.R. HIGH SCHOOL	GW	987	251	45
911336	MOLEFE MOOKE PRIMARY SCHOOL	TN	673	38	45
270983	NAYABOSWA PRIMARY SCHOOL	GW	1481	-35	45
340562	EKETSANG SECONDARY SCHOOL	ES	1212	-135	45
110189	LANCASTER PRIMARY SCHOOL	JS	1033	-4	45
320838	LESEDI-LA-THUTO PRIMARY SCHOOL	SW	1078	98	45
251314	DIPHALANE PRIMARY SCHOOL	GW	1258	95	45
350959	NKUMBULO SECONDARY SCHOOL	GE	1483	86	45
400088	NELLMAPIUS SECONDARY SCHOOL	TS	1573	244	45
152298	PHOLOSHO PRIMARY SCHOOL	JE	944	347	45
252056	HECTOR PETERSON PRIMARY SCHOOL	JW	1080	-14	45
331603	INTLONIPHO PRIMARY SCHOOL	JS	990	113	45
260919	ISEKELO PRIMARY SCHOOL	EN	1080	79	45
400154	LOTUS GARDENS PRIMARY SCHOOL	TW	1260	-70	45
220772	MAMELODI SECONDARY SCHOOL	TS	1440	135	45
270793	ISIQALO PRIMARY SCHOOL	GW	1531	18	45
270793	ISIQALO PRIMARY SCHOOL	GW	1531	18	45
400030	MOTHEO-FOUNDATION PRIMARY SCHOOL	JS	1531	139	45
911994	SIAMISANG PRIMARY SCHOOL	TW	1036	62	45
211755	VEZULWAZI PRIMARY SCHOOL	GN	1036	26	45
340497	CHIVIRIKANI PRIMARY SCHOOL	ES	1487	-38	45
340760	KHEHLEKILE PRIMARY SCHOOL	ES	947	1	45
162289	DAWN PARK PRIMARY SCHOOL	ES	1308	101	45
311266	LETSHA PRIMARY SCHOOL	GE	361	-11	45
132902	SELELEKELA SECONDARY SCHOOL	JN	993	74	45
911263	MODIRI SECONDARY SCHOOL	TW	1309	7	45
162057	THABANG PRIMARY SCHOOL	ES	1309	7	45
241232	RUABOHLALE JUNIOR SECONDARY SCHOOL	TW	1039	37	45
111252	SEKANONTOANE SECONDARY SCHOOL	JC	768	69	45
211441	KGORO PRIMARY SCHOOL	GN	1265	17	45
400086	MSHULUZANE MAYISELA PRIMARY SCHOOL	GN	1265	224	45
160846	KLOPPERPARK PRIMARY SCHOOL	EN	678	-11	45
261198	SEOTLOANA PRIMARY SCHOOL	EN	1040	36	45
261420	UMQHELE SECONDARY SCHOOL	JE	2080	-8	45
340463	BUHLEBUZILE SECONDARY SCHOOL	ES	1583	-36	45
270025	RANDFONTEIN SECONDARY SCHOOL	GW	1086	71	45

261123	MVELAPHANDA PRIMARY SCHOOL	EN	679	-39	45
920778	BAWEZE PRIMARY SCHOOL	GN	1313	-1	45
311597	TSHIPI-NOTO INTERMEDIATE	GE	1268	22	45
341263	SIMUNYE PRIMARY SCHOOL	ES	725	39	45
261149	PHUTHUMANI PRIMARY SCHOOL	EN	1133	43	45
400155	MPUMELELO SECONDARY SCHOOL	GN	952	167	45
121640	NONTO PRIMARY SCHOOL	JC	272	16	45
321406	SAPPHIRE SECONDARY SCHOOL	SW	2176	216	45
910652	KEKANA PRIMARY SCHOOL	TN	862	45	45
340885	MAPHANZELA PRIMARY SCHOOL	ES	1089	23	45
311605	UMNYEZANE PRIMARY SCHOOL	EN	999	4	45
260976	JİYANA SECONDARY SCHOOL	EN	1953	50	45
251389	ENTUTHUKWENI PRIMARY SCHOOL	GW	954	17	45
231902	MAKGATHO PRIMARY SCHOOL	TS	636	64	45
111187	PROTEA SOUTH PRIMARY SCHOOL	JC	1136	17	45
331264	REKGUTLILE PRIMARY SCHOOL	JS	1091	49	45
221507	JAN KOTLOLO PRIMARY SCHOOL (NELLMAPIUS PRIMARY SCHOOL NO. 3)	TS	1228	-12	45
270769	IPELENG PRIMARY SCHOOL	GW	1183	58	46
231779	ISAAC MORE PRIMARY SCHOOL	TS	364	-3	46
132332	JOB RATHEBE PRIMARY SCHOOL	JN	910	28	46
331207	RADIPABI PRIMARY SCHOOL	JS	1001	145	46
160093	VILLA LIZA PRIMARY SCHOOL	ES	1638	132	46
241844	LESEDI PRIMARY SCHOOL	TW	1320	-46	46
140608	IPOLOKENG PRIMARY SCHOOL	JN	592	15	46
331968	ISIKHUMBUZO SECONDARY SCHOOL	JS	410	6	46
111138	NHLUVUKO PRIMARY SCHOOL	JC	410	-13	46
232256	ST ANNES PRIMARY SCHOOL	TS	410	26	46
121723	REUTLWILE JUNIOR SECONDARY SCHOOL	JC	456	74	46
340646	HLEZIPHI PRIMARY SCHOOL	ES	821	23	46
331165	PUDUMO PRIMARY SCHOOL	JS	821	84	46
133181	TLHATLOGANG JUNIOR SECONDARY SCHOOL	JC	821	69	46
161976	REBONTSHEG PRIMARY SCHOOL	ES	1095	65	46
241257	SEETSA-SA-KWEDI PRIMARY SCHOOL	TN	1232	11	46
340661	IGAGASI PRIMARY SCHOOL	ES	1141	27	46
251256	BONAMELO PRIMARY SCHOOL	JW	1278	40	46
140830	MORUTA THUTO PRIMARY SCHOOL	JW	411	26	46
311258	LESIBA SECONDARY SCHOOL	EN	1690	37	46
311233	LERUTLE PRIMARY SCHOOL	GE	1142	6	46
161836	JONGIMFUNDO PRIMARY SCHOOL	ES	731	49	46
260943	ISIZIBA PRIMARY SCHOOL	EN	1188	4	46
220947	NDIMA PRIMARY SCHOOL	TS	457	108	46
130179	BERTRAMS JUNIOR SCHOOL	JE	503	73	46
252262	MANDISA SHICEKA SECONDARY SCHOOL (EX REATILE)	GW	1921	185	46
111062	MOHATO PRIMARY SCHOOL	JC	183	-8	46
311472	ROLIHLAHLA PRIMARY SCHOOL	GE	1327	-31	46
152165	IPHUTHENG PRIMARY SCHOOL	JE	1373	71	46
140798	MAWILA PRIMARY SCHOOL	JW	412	5	46
350918	MOM SEBONE SECONDARY SCHOOL	GE	1786	64	46

132555	MOLAETSA PRIMARY SCHOOL	JC	504	53	46
121673	PAUL MOSAKA PRIMARY SCHOOL	JN	779	126	46
911754	RAPELEGO PRIMARY SCHOOL	TN	825	-20	46
920538	LINGITJHUDU SECONDARY SCHOOL	GN	871	-1	46
400060	BAKERTON PRIMARY SCHOOL	GE	1192	30	46
162156	PHINEAS XULU SECONDARY SCHOOL	ES	1009	-722	46
321463	SETLABOTJHA PRIMARY SCHOOL	SW	1376	26	46
240788	KGOTLELELANG PRIMARY SCHOOL	TW	1422	41	46
320861	LINDISA PRIMARY SCHOOL	SW	1101	58	46
121806	THEMBU PRIMARY SCHOOL	JN	367	15	46
400264	SIBEKIWE PRIMARY SCHOOL	JS	413	413	46
910845	LEK GALONG PRIMARY SCHOOL	TW	459	27	46
911446	MOTSHEGOFADIWA PRIMARY SCHOOL	TN	918	59	46
321083	MOPHOLOSI SECONDARY SCHOOL	SW	964	117	46
911950	SELELO PRIMARY SCHOOL	TW	1010	-10	46
910761	KOPA DILALELO PRIMARY SCHOOL	TW	551	-39	46
251934	TARLTON PRIMARY FARM SCHOOL	GW	551	11	46
232231	SEAPARANKWE PRIMARY SCHOOL	TS	827	39	46
260893	INXIWENI PRIMARY SCHOOL	EN	1057	30	46
152082	DR KNAK PRIMARY SCHOOL	JE	1195	-57	46
925447	SIHLUZIWE PRIMARY SCHOOL	GN	1287	-16	46
152033	BLAIR ATHOLL PRIMARY FARM SCHOOL	JN	552	113	46
270645	BRANDVLEI PRIMARY FARM SCHOOL	GW	598	62	46
341008	MUTINGATI PRIMARY SCHOOL	ES	368	-7	46
251819	SAMUEL MANGALA PRIMARY SCHOOL	JW	322	18	46
152363	ST ANSGAR'S COMBINED SCHOOL	JN	828	191	46
141101	TSUMBEDZO PRIMARY SCHOOL	JW	368	39	46
321331	LETSEMA-ILIMA PRIMARY SCHOOL	SW	1243	-2	46
320754	LAKESIDE SECONDARY SCHOOL	SW	1060	73	46
320580	IKOKOBETSENG PRIMARY SCHOOL	SW	1429	-2	46
252841	PATRICK MASHEGO PRIMARY SCHOOL	GW	1429	44	46
232249	SESEHGONG PRIMARY SCHOOL	TS	1337	304	46
340901	MOGOBENG PRIMARY SCHOOL	ES	1199	65	46
132084	DONALDSON PRIMARY SCHOOL	JC	554	6	46
251850	SEBETSA-O-THOLEMOPUTSO	JW	1247	75	46
140996	THOBEKA PRIMARY SCHOOL	JW	693	54	46
340042	STONERIDGE PRIMARY SCHOOL	ES	1340	97	46
232132	PHILENA MIDDLE FARM SCHOOL	TS	1479	2	46
914026	MASAKHANE PRIMARY SCHOOL	TN	1110	52	46
400234	LANGAVILLE PRIMARY SCHOOL NO. 2	GE	1249	129	46
241158	REFITHLILE PELE PRIMARY SCHOOL NO 1	TW	1573	-5	46
240580	BOTSE-BOTSE SECONDARY SCHOOL	TN	1203	-50	46
110049	POSEIDON ROAD PRIMARY SCHOOL	JS	1342	124	46
310862	B.B. MYATAZA SECONDARY SCHOOL	GE	1250	-86	46
911001	MAHLWARENG PRIMARY SCHOOL	TW	1065	126	46
161893	LETHULWAZI COMPREHENSIVE SCHOOL	ES	1343	62	46
400223	KWA-THEMA EXTENSION 7 SECONDARY SCHOOL	GE	880	279	46
252809	KLIP VALLEY PRIMARY SCHOOL	JW	1297	28	46
110759	ISU'LIHLE PRIMARY SCHOOL	JC	1112	-23	46

311464	RIVONI SECONDARY SCHOOL	GE	1344	80	46
320846	LETSEMENG PRIMARY SCHOOL	SW	1205	62	46
152322	RIVERSANDS PRIMARY FARM SCHOOL	JE	649	105	46
241505	UTHANDO PRIMARY SCHOOL	TN	1299	14	46
241810	BOKAMOSO PRIMARY SCHOOL	TW	1578	226	46
212192	CHOKOE PRIMARY SCHOOL	GN	1068	182	46
400128	PONELOPELE ORACLE SECONDARY SCHOOL	JE	1254	-25	46
400180	COSMO CITY SECONDARY SCHOOL	JN	929	58	46
915064	BACHANA MOKWENA PRIMARY SCHOOL	TW	1069	-100	46
140582	INKONJANE JUNIOR SECONDARY SCHOOL	JW	279	8	47
311126	ISAAC MAKAU PRIMARY SCHOOL	EN	465	19	47
232223	SAULRIDGE SECONDARY SCHOOL	TS	1117	371	47
400076	MAYIBUYE PRIMARY SCHOOL	JE	1536	30	47
110718	GAZANKULU PRIMARY SCHOOL	JC	419	38	47
400249	ETWATWA EXTENSION 13 SECONDARY SCHOOL	GE	1118	1118	47
261446	WELOMLAMBO PRIMARY SCHOOL	EN	839	5	47
400084	INKULULEKO YESIZWE PRIMARY SCHOOL	JS	1119	52	47
911749	RANTAILANE SECONDARY SCHOOL	TW	1306	64	47
130062	JOHANNESBURG SECONDARY SCHOOL	JN	1167	4	47
320515	ESOKWAZI SECONDARY SCHOOL	SW	1774	91	47
251611	MAGALIESBURG STATE SCHOOL	GW	1214	124	47
341099	PHUMLANI SECONDARY SCHOOL	ES	1448	-58	47
911626	PHALESANE PRIMARY SCHOOL	TN	841	71	47
121681	PHAFOGANG SECONDARY SCHOOL	JC	748	-5	47
310987	DAVEYTON INTERMEDIATE SCHOOL	EN	1216	50	47
152256	M.C. WEILER PRIMARY SCHOOL	JE	1264	-20	47
270876	MABLOMONG INTERMEDIATE SCHOOL	GW	328	4	47
221440	RAMAHLALE PRIMARY SCHOOL	TS	1078	85	47
152454	MUZOMUHLE	JN	1970	169	47
241125	PULAMADIBOGO PRIMARY SCHOOL	TN	1079	152	47
311837	CAIPHUS NYOKA SECONDARY SCHOOL	GE	1220	-347	47
251835	SCHAUMBURG COMBINED SCHOOL	GW	610	57	47
350769	JAMES NKOSI PRIMARY SCHOOL	GE	1503	47	47
340869	LUNGISANI PRIMARY SCHOOL	ES	1503	-36	47
240655	ECHIBINE SECONDARY SCHOOL	TN	940	21	47
132894	SAPEBUSO PRIMARY SCHOOL	JW	517	60	47
340471	CATHULA PRIMARY SCHOOL	ES	1223	-32	47
911112	MAROKOLONG PRIMARY SCHOOL	TN	1129	36	47
911852	REDIRILE PRIMARY SCHOOL	TN	1035	33	47
341164	MANZINI PRIMARY SCHOOL	ES	1083	-48	47
341073	PHEASANT FOLLY PRIMARY FARM SCHOOL	ES	801	-11	47
932124	THUTO KITSO SECONDARY SCHOOL	GW	990	-1142	47
331512	VULINDLELA PRIMARY SCHOOL	JS	1273	41	47
152173	ITHUTE PRIMARY SCHOOL	JE	1133	18	47
311373	MELODI PRIMARY SCHOOL	GE	1133	134	47
340943	MONDE PRIMARY SCHOOL	ES	1558	33	47
320473	ELITE PRIMARY SCHOOL	SW	425	-9	47
400114	NKONE MARUPING PRIMARY SCHOOL	JW	1417	62	47
121319	ENTANDWENI PRIMARY SCHOOL	JC	1134	106	47

232017	MOTSWEDING PRIMARY SCHOOL	TS	756	33	47
211623	RETHABISENG PRIMARY SCHOOL	GN	1465	2	47
331637	ORANGE FARM PRIMARY SCHOOL	JS	1276	-32	47
241075	PHAKAMONOLA PRIMARY SCHOOL	TN	1040	35	47
342014	TAMAHO PRIMARY SCHOOL	ES	1135	-65	47
350736	HAPPINESS PRIMARY SCHOOL	GE	757	85	47
241091	PHUTHANANG PRIMARY SCHOOL	TW	757	34	47
252445	MPHE-THUTO PRIMARY SCHOOL	GW	852	77	47
150177	BRESCIA HOUSE URSULINE CONVENT	JE	854	7	47
331124	PANFONTEIN INTERMEDIATE	SE	427	49	47
910158	BOITSHEPO SECONDARY SCHOOL	TN	855	81	48
911225	MMAMOTSE PRIMARY SCHOOL	TN	760	-37	48
340950	MONTIC PRIMARY FACTORY SCHOOL	ES	665	15	48
400207	HAMMANSKRAAL PRIMARY SCHOOL	TN	1380	69	48
162263	THULASIZWE PRIMARY SCHOOL	ES	1047	107	48
910895	LETLOTLO PRIMARY SCHOOL	TW	714	87	48
400112	JULIUS SEBOLAI PRIMARY SCHOOL	JW	1333	81	48
311001	DR HARRY GWALA SECONDARY SCHOOL	GE	1238	-69	48
240994	MOKONYAMA PRIMARY SCHOOL	TN	1238	91	48
911931	SEKAMPANENG PRIMARY SCHOOL	TN	1000	17	48
110510	KWADEDANGENDLALE SECONDARY SCHOOL	JC	1143	73	48
270850	LETSATSING PRIMARY MINE SCHOOL	GW	1859	215	48
260877	INQAYIZIVELE SECONDARY SCHOOL	EN	1812	135	48
121871	WINNIE-NGWEKAZI PRIMARY SCHOOL	JN	907	59	48
910169	BOKAMOSO HIGH SCHOOL	TN	764	132	48
261222	SIZWE SECONDARY SCHOOL	EN	956	-36	48
321422	SEEISO PRIMARY SCHOOL	SW	1196	130	48
400214	JB MARKS PRIMARY SCHOOL	JW	1292	264	48
251983	THUSONG PRIMARY SCHOOL	GW	1340	82	48
111823	ELETHU THEMBA PUBLIC SCHOOL	JS	1484	213	48
341362	THULISA PRIMARY SCHOOL	ES	766	30	48
350660	EDALINCEBA PRIMARY SCHOOL	GE	862	21	48
341339	THABO NTSAKO PRIMARY SCHOOL	ES	1006	225	48
141168	WK MAPONYANE PRIMARY SCHOOL	JW	623	241	48
911709	RAKGOTSO SECONDARY SCHOOL	TN	911	-44	48
910287	DILOPYE PRIMARY SCHOOL	TN	480	101	48
400037	PHAKAMANI EDUCATIONAL CENTRE	JS	768	8	48
261305	TEMBISA SECONDARY SCHOOL	EN	2113	6	48
913607	SIKHULULEKILE SECONDARY SCHOOL	TN	1297	32	48
111492	OLIFANTSVLEI PRIMARY FARM SCHOOL	JS	914	185	48
351031	ROSEVIEW PRIMARY SCHOOL	GE	1301	94	48
130492	BEREA PRIMARY SCHOOL	JE	627	82	48
110593	DIODI PRIMARY SCHOOL	JC	820	88	48
340992	MPONTSHEG SECONDARY SCHOOL	ES	1593	-1	48
152355	SKEEN PRIMARY SCHOOL	JE	1207	72	48
311357	MATYOTENGA COMBINED	GE	725	26	48
912018	ST CAMILLUS PRIMARY SCHOOL	TN	1015	10	48
121863	WELIZIBUKO PRIMARY SCHOOL	JN	435	14	48
400115	TSOSOLOS YA AFRICA SECONDARY SCHOOL	JE	1692	-211	48

271049	SEATILE PRIMARY SCHOOL	GW	1209	112	48
241059	PADISAGO PRIMARY SCHOOL	TN	919	6	48
400116	OBED MOSIANE PRIMARY SCHOOL	JW	1306	102	48
260646	BOKOMOSO SECONDARY SCHOOL	EN	1598	28	48
341297	SONQOBA PRIMARY SCHOOL	ES	1503	35	48
340836	LERATADIMA PRIMARY SCHOOL	ES	1408	114	49
910686	KGOMBA PRIMARY SCHOOL	TN	777	35	49
251751	LESEGO PRIMARY SCHOOL	GW	680	116	49
241588	BABINAPHUTI SECONDARY SCHOOL	TN	1021	-2	49
341032	NQUBELA PRIMARY SCHOOL	ES	1556	101	49
342080	REALEBOHA PRIMARY SCHOOL	ES	1753	133	49
161752	ERASMUS MONARENG SECONDARY SCHOOL	ES	1607	21	49
221192	VUKANI MAWETHU SECONDARY SCHOOL	TS	1169	30	49
261719	KANANA PRIMARY SCHOOL	JE	2339	69	49
340570	ENCOCHOYINI PRIMARY SCHOOL	ES	1365	114	49
162271	MA MPUDI PRIMARY SCHOOL	ES	1659	143	49
340844	LETHUKUTHULA SECONDARY SCHOOL	ES	1709	-110	49
350942	NKABINDE PRIMARY SCHOOL	GE	1026	182	49
221135	TLAKUKANI PRIMARY SCHOOL	TS	391	30	49
910276	DIKGAKOLOGO PRIMARY SCHOOL	TW	1320	124	49
140806	MEADOWLANDS SECONDARY SCHOOL	JW	1223	117	49
261214	SIPHIWE PRIMARY SCHOOL	EN	1272	18	49
111450	VUWANI SECONDARY SCHOOL	JC	1566	-49	49
913618	SEAGENG MIDDLE SCHOOL	TW	881	207	49
271205	WESTERN AREA PRIMARY MINE SCHOOL	GW	979	87	49
231555	BOKGONI TECHNICAL SECONDARY SCHOOL	TS	1519	36	49
161695	BOPANG-KGOTSO PRIMARY SCHOOL	ES	1470	78	49
400227	ROODEKOP SECONDARY SCHOOL	ES	539	336	49
133165	THULASIZWE PRIMARY SCHOOL	JW	245	0	49
220715	KHUTHALANI SECONDARY SCHOOL	TS	1276	16	49
400218	THULANI SECONDARY SCHOOL	JW	1227	37	49
152827	MUSENGA VHADZIMU PRIMARY SCHOOL	JN	1621	48	49
261438	UMTHAMBEKA PRIMARY SCHOOL	EN	1130	58	49
260869	P.S. TSOSANE PRIMARY SCHOOL	JE	1820	30	49
331223	RATASETJHABA PRIMARY FARM SCHOOL	SE	689	144	49
110601	DR BW VILAKAZI SECONDARY SCHOOL	JC	1429	109	49
241190	RETHOMILE PRIMARY SCHOOL	TW	887	-3	49
911238	MMATSO PRIMARY SCHOOL	TN	937	-86	49
910937	LOWE PRIMARY SCHOOL	TW	444	259	49
311845	ZAMUKHANYO PRIMARY SCHOOL	GE	1480	-32	49
911638	PHILEMON MONTSHO PRIMARY SCHOOL	TW	1186	-45	49
311100	HULWAZI SECONDARY SCHOOL	EN	1831	106	49
240804	KHENSANI PRIMARY SCHOOL	TN	1040	221	50
910822	LEBELO PRIMARY SCHOOL	TN	1239	40	50
140483	EMELANG PRIMARY SCHOOL	JW	595	294	50
400031	CHIEF BAMBATA PRIMARY SCHOOL	SW	1438	143	50
261479	ZITIKENI SECONDARY SCHOOL	EN	2730	116	50
241265	SEMPHATO PRIMARY SCHOOL	TN	1142	27	50
261370	TLAMATLAMA PRIMARY SCHOOL	EN	1391	49	50

910780	KULANI PRIMARY SCHOOL	TW	547	103	50
341594	KATLEHONG TECHNICAL SECONDARY SCHOOL	ES	1293	43	50
111260	SENAOANE SECONDARY SCHOOL	JC	1542	83	50
911798	REFILWE PRIMARY SCHOOL	TW	1046	39	50
311290	MABUYA SECONDARY SCHOOL	EN	1644	173	50
911026	MAKGETSE SECONDARY SCHOOL	TN	1197	97	50
311811	KGOLAGANO PRIMARY SCHOOL	GE	1347	32	50
221283	MAHLASEDI - MASANA PRIMARY SCHOOL	TS	1747	-118	50
231894	MAHLAHLE PRIMARY SCHOOL	TS	852	25	50
152157	MASAKHANE-TSWELELOPELE FS-EX IMPUMELELO/ZANDSPRUIT	JN	1203	154	50
312140	LANGAVILLE PRIMARY SCHOOL	GE	1354	170	50
132563	MOLEMO PRIMARY SCHOOL	JW	502	46	50
910514	HOSEA KEKANA SECONDARY SCHOOL	TN	1055	74	50
310029	GELUKSDAL SECONDARY SCHOOL	GE	1458	111	50
221291	LESEDI SECONDARY SCHOOL	GN	453	-1	50
161778	FORTUNE KUNENE PRIMARY SCHOOL	ES	1309	88	50
241349	THAKGALANG JUNIOR SECONDARY SCHOOL	TN	1058	78	50
310011	GELUKSDAL PRIMERE SKOOL	GE	2318	279	50
271239	ZUURBEKOM PRIMARY SCHOOL	GW	756	23	50
934044	RETLILE PRIMARY SCHOOL	GW	1361	143	50
922237	MANDLOMSOBO PRIMARY SCHOOL	GN	555	0	50
260885	PHOMOLONG PRIMARY SCHOOL	EN	2523	123	50
260968	IVORY PARK PRIMARY SCHOOL	JE	1818	256	51
351080	SIBONISIWE PRIMARY SCHOOL	GE	1317	-21	51
910568	ITIRELENG PRIMARY SCHOOL	TN	862	36	51
310870	EPHES MAMKELI SECONDARY SCHOOL	EN	1420	18	51
400205	DRAKE KOKA PRIMARY SCHOOL	JE	1523	40	51
910326	DR. A.T. MOREOSELE SECONDARY SCHOOL	TW	711	46	51
400241	KGATELOPELE SECONDARY SCHOOL	JW	1422	1422	51
921692	MAHLENGA SECONDARY SCHOOL	GN	254	26	51
162099	VOSLOORUS COMPREHENSIVE SECONDARY SCHOOL	ES	1372	36	51
400242	BUHLE PARK SECONDARY SCHOOL	ES	966	966	51
220871	MONONONG PRIMARY SCHOOL	TS	458	22	51
924602	SIKHULISILE PRIMARY SCHOOL	GN	1222	163	51
330969	LESHATA SECONDARY SCHOOL	JS	1479	39	51
914252	LUCAS MOTSHABANOSI SECONDARY SCHOOL	TW	613	71	51
342064	GREENFIELDS PRIMARY SCHOOL	ES	1686	110	51
910887	LETHAMAGA SECONDARY SCHOOL	TN	1022	-59	51
261537	MADIBATLOU MIDDLE SCHOOL	GN	1022	239	51
162305	WINDMILL PARK PRIMARY SCHOOL	ES	1431	69	51
140509	EMZIMVUBU PRIMARY SCHOOL	JW	460	15	51
131946	MBUYISA MAKHUBU PRIMARY SCHOOL	JW	409	21	51
400009	IVORY PARK SECONDARY SCHOOL	JE	2354	34	51
133314	ZIFUNELANI JUNIOR SECONDARY (COMB. PRIMARY) SCHOOL	JN	870	107	51
210013	ONVERWACHT PRIMARY SCHOOL	GN	513	140	51
152330	SEFIKENG PRIMARY SCHOOL	JE	513	110	51
260653	BONWELONG PRIMARY SCHOOL	JE	1601	-40	52
232687	BRINDHAVEN PRIMARY SCHOOL	TW	982	25	52

260760	EQINISWENI SECONDARY SCHOOL	JE	2224	164	52
400012	BALMORAL COLLEGE	ES	1244	158	52
910484	HANS KEKANA SECONDARY SCHOOL	TN	1402	241	52
910680	KGETSE-YA-TSIE PRIMARY SCHOOL	TN	832	24	52
110866	KING ZWELITHINI PRIMARY SCHOOL	JC	364	39	52
221044	RIBANE-LAKA SECONDARY SCHOOL	TS	1508	30	52
400206	GIDEON RAMBUWANI PRIMARY SCHOOL	JE	1093	219	52
331611	JABULILE SECONDARY SCHOOL	JS	1718	66	52
910836	LEFOFA PRIMARY SCHOOL	TN	833	39	52
400080	DR MATHOLE MOTSHEKGA PRIMARY SCHOOL	JE	1514	104	52
240838	KOKOTLA JUNIOR SECONDARY SCHOOL	TN	1100	48	52
152041	BOVET PRIMARY SCHOOL	JE	1363	120	52
221474	BONA LESEDI SECONDARY SCHOOL	TS	1573	154	52
240671	FANJAN PRIMARY FARM SCHOOL	GN	1364	262	52
341370	TISETSONG SECONDARY SCHOOL	ES	1418	98	53
240853	KONDELELANI PRIMARY SCHOOL	TN	1156	65	53
400347	KAALFONTEIN SECONDARY SCHOOL	JE	1315	1315	53
911114	MAROPENG PRIMARY SCHOOL	TW	684	44	53
121517	LULAMA PRIMARY SCHOOL	JN	316	-1	53
252784	THUTHUZEKANI PRIMARY SCHOOL	GW	1634	93	53
400079	MPUMELELO PRIMARY SCHOOL	JE	2110	58	53
400138	PHOMOLONG SECONDARY SCHOOL	EN	2063	262	53
121780	ST PETER CLAVER PRIMARY SCHOOL	JN	1112	82	53
340604	FUMANA SECONDARY SCHOOL	ES	2278	-56	53
221515	PFUNZO NDI TSHEDZA PRIMARY SCHOOL	TS	1643	134	53
400277	BARCELONA PRIMARY SCHOOL	EN	1698	1698	53
261701	EBONY PARK PRIMARY SCHOOL	JE	2128	-64	53
251660	MARGARET GWELE PRIMARY SCHOOL	JW	1278	190	53
331645	THETHA SECONDARY SCHOOL	JS	1439	151	53
922475	STRAUSS SECONDARY SCHOOL	GN	800	77	53
231522	BATHABILE PRIMARY FARM SCHOOL	TS	907	-69	53
240614	DC MARIVATE JUNIOR SECONDARY SCHOOL	TN	856	-6	54
400130	EKUKHANYENI PRIMARY SCHOOL (RAMAPHOSA INFORMAL SETTLEMENT)	ES	964	-211	54
341503	VUMBENI PRIMARY SCHOOL	ES	1286	41	54
261081	MIKATEKA PRIMARY SCHOOL	JE	2151	64	54
260695	EBOMINI PRIMARY SCHOOL	JE	2206	110	54
133900	EKUKHANYENI PRIMARY SCHOOL (PRIVATE)	JS	2261	-178	54
221432	NELLMAPIUS PRIMARY SCHOOL	TS	1400	80	54
910367	FATLHOGANG PRIMARY SCHOOL	TN	1025	40	54
400010	DIEPSLOOT COMBINED SCHOOL	JN	1675	-70	54
910139	BOIKANYO PRIMARY SCHOOL	TW	1352	80	54
221523	VUKAUZENZELE PRIMARY SCHOOL	TS	1516	288	54
912205	TSEBE NTLHA PRIMARY SCHOOL	TN	867	14	54
911713	RAMABELE PRIMARY SCHOOL	TN	1085	201	54
241753	SHALOM PRIMARY SCHOOL	TW	986	130	55
221390	LEGORA PRIMARY SCHOOL	TS	1975	63	55
111104	MVELEDZANDIVHO PRIMARY SCHOOL	JC	885	70	55
321091	MOQHAKA SECONDARY SCHOOL	SW	333	95	56
252015	TSAKANI PRIMARY SCHOOL	GW	1056	62	56

400245	CHIEF LUTHULI PRIMARY SCHOOL	EN	1115	401	56
910574	ITSENG PRIMARY SCHOOL	TW	948	-32	56
400163	GAUTENG COLLEGE	JE	393	-54	56
912139	TIPFUXENI SECONDARY SCHOOL	TN	786	42	56
911609	PELTONA PRIMARY SCHOOL	TW	731	195	56
911394	MOSALEDI PRIMARY SCHOOL	TN	902	-20	56
261107	REBONWE PRIMARY SCHOOL	JE	1925	101	57
311688	WJ MPENGESI PRIMARY SCHOOL	GE	1699	111	57
400055	ITHUBA-LETHU SECONDARY SCHOOL	JS	1135	108	57
910978	MADISONG PRIMARY SCHOOL	TN	908	71	57
400191	BOIKETLONG CHRISTIAN PRIMARY SCHOOL	SE	511	267	57
311282	THEMBELIHLE PRIMARY SCHOOL	GE	1829	148	57
331950	MPHETHI MAHLATSI SECONDARY SCHOOL	JS	1497	99	58
241166	RODNEY MOKOENA PREPARATORY SCHOOL	TW	1730	684	58
152421	ZENZELENI PRIMARY SCHOOL	JE	1334	274	58
910011	ADAM MASEBE SECONDARY SCHOOL	TN	1335	131	58
910531	IKELENG PRIMARY SCHOOL	TW	1396	65	58
221482	MEETSE-A-BOPHELO	TS	2451	-114	58
232074	PARADISE BEND PRIMARY SCHOOL	JN	876	251	58
162347	PHUMULA PRIMARY SCHOOL	ES	1932	48	59
911269	MODITELA PRIMARY SCHOOL	TN	1326	25	60
251363	DURBAN DEEP PRIMARY SCHOOL	JW	1155	46	61
252833	FARANANI PRIMARY SCHOOL	JC	1835	160	61
400150	MAPHUTHA SECONDARY SCHOOL	JE	1775	359	61
911767	RATSHEPO SECONDARY SCHOOL	TN	1056	22	62
320895	MAHARENG SECONDARY SCHOOL	SW	957	20	64
910777	KUDUBE PRIMARY SCHOOL	TN	768	337	64
400078	KAALFONTEIN PRIMARY SCHOOL	JE	1862	42	64
312083	SAZAKHELA PRIMARY SCHOOL	EN	1740	-1670	64
911257	MODILATI SECONDARY SCHOOL	TN	1298	43	65
400213	PHUMULA GARDENS SECONDARY SCHOOL	ES	1698	1698	74

APPENDIX B:

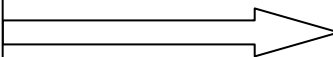
Identifying and Prioritising Projects for Implementation

The model depicted below indicates how information and data is used to arrive at a list of projects for implementation.



GATHER DATA ON:

- Current learner enrolment per residential area / planning zone
- Existing number of residential units per



PROJECTIONS:

Using:

- Enrolment growth rates
- Census data
- Information on future

Number of primary school learning spaces and other facilities needed in particular

Number of Secondary School learning spaces, and other facilities needed in

Land availability

Allocated Budget

Confirmed lists included on Budget Statement 3

Lists and instructions for



APPENDIX C:

MANUAL:

**DESCRIPTION
and
TERMS OF REFERENCE
for
COST MODEL
used in
NEIMS**



**DESCRIPTION AND TERMS OF REFERENCE FOR COST MODEL USED IN
NEIMS**

1. TERMS OF REFERENCE	
Contractual requirements	5
Allocation of responsibilities	5
Objective of cost model	5
2. NORMS AND STANDARDS	
Objective of National norms and standards	10
Definition of site types	10
Proposed National norms and standards	10
Backlog definitions	
3. ESTIMATING PRINCIPLES	
Land values	14
Replacement values	14
Depreciated replacement values	14
Capital budget estimates	15
Maintenance budget estimates	15
Geographical variation in rates	15
Time variation in rates	15
4. STEP BY STEP GUIDE TO IMPLEMENTATION OF THE COST MODEL	
Data integrity	18
Access to Cost Model	19
Interpretation of results	19
Filtering of results	20
5. CAPITAL INVESTMENT PLANNING	
Prioritisation	21
Multi-year planning proposals	22
6. FUTURE UPDATE PROPOSALS	
Changes in rates	22
Changes in norms and standards	22
Value-add proposals	22

ANNEXURES:

A. NORMS & STANDARDS

A-1.1 Early Childhood Development Centres	30
A-1.2 Primary schools	31
A-1.3 Secondary schools	33
A-1.4 ELSEN centres	34
A-1.5 ABET centres	35
A-1.6 Offices	36

B. RATES VARIATION

1. TERMS OF REFERENCE

1.1 Contractual requirements

The scope of work on Contract EDO 305 includes the following:

- Assessment of the status quo of infrastructure at education institutions
- Comparison of status quo with minimum norms and standards for infrastructure at education institutions
- Determination of infrastructure backlogs
- Preparing first order of magnitude cost estimates to eradicate these infrastructure backlogs
- Development of Capital Investment Plan for implementation over the next 20 years

1.2 Allocation of responsibilities

The development and maintenance of education infrastructure is a joint responsibility of the National Department of Education and the various Provincial Departments. The table below provides a broad summary of the split in responsibilities:

National Responsibilities (DoE)	Provincial Responsibilities (PED)
<ul style="list-style-type: none"> • Development of Norms & Standards for school funding • Monitoring the implementation of the Norms & Standards for school funding • Determine reporting formats in consultation with PEDs to monitor the implementation of the Norms & Standards for school funding 	<ul style="list-style-type: none"> • Each Head of Department will be expected to verify that the national norms for school funding are being complied with • Must use systems and software tools that have been made available by the DoE • Inform DoE if PED is unable to comply with the Norms & Standards for school funding
<ul style="list-style-type: none"> • State must fund public schools from public revenue 	<ul style="list-style-type: none"> • MEC is required to provide sufficient school places • PEDs must budget for “New classroom and other construction allocations”
<ul style="list-style-type: none"> • Minister to determine norms and standards for the granting of subsidies to independent schools 	<ul style="list-style-type: none"> • MEC may grant subsidies to independent schools
<ul style="list-style-type: none"> • Ministry of Education does not decide on the amounts to be allocated annually for PEDs 	<ul style="list-style-type: none"> • Provincial governments and legislatures decide on the amounts to be allocated annually for PEDs
<ul style="list-style-type: none"> • Comprehensive data have been created through the national School Register of Needs and EMIS • Augment provincial data • The MTEF provides a co-operative mechanism for improving the accuracy of 	<ul style="list-style-type: none"> • Use of provincial data in budgeting and planning • Develop data systems to guide planning and allocations • Be able to demonstrate progress to DoE • Ensure that information is received on

budget-related data, and undertaking relevant analytic studies	<p>time from schools</p> <ul style="list-style-type: none"> • Provide sufficient information so that school governing bodies can develop their budgets • Must maintain an accurate, prioritised annually updated database of school construction needs • Must undertake annually updated long-term projections of new school construction targets and funding requirements
<ul style="list-style-type: none"> • The MTEF provides a co-operative mechanism for improving the accuracy of budget-related data, and undertaking relevant analytic studies 	<ul style="list-style-type: none"> • The MTEF provides a co-operative mechanism for improving the accuracy of budget-related data, and undertaking relevant analytic studies
<ul style="list-style-type: none"> • Must develop computerised public financial and management information systems 	<ul style="list-style-type: none"> • Must acquire the services of skilled staff and implement computer systems and databases
<ul style="list-style-type: none"> • Grant the “school allocation” to ordinary public schools 	<ul style="list-style-type: none"> • Cover non-personnel recurrent items and small capital items required by the schools as well as normal repairs and maintenance to all the physical infrastructure of the school

From the above it is clear that there is a joint responsibility between the National and Provincial Departments to ensure sufficient infrastructure at education institutions. In general, the National DoE is responsible for the development of norms and standards for funding, the development of computerised information management systems and the monitoring of the implementation of the norms and standards. The PEDs on the other hand, is responsible for the detail planning, budgeting and implementation of projects, while reporting to DoE on progress.

1.3 Objective of cost model

The National Education Infrastructure Management System (NEIMS) is a computerised information management system to guide PEDs in their detail planning. The NEIMS Cost Model will provide first order cost estimates that will assist PEDs to determine budget requirements.

2. NORMS AND STANDARDS

2.1 Objective of National norms and standards

The Bill of Rights in the Constitution of the Republic of South Africa, 1996 (No 108 of 1996) establishes the following: “Everyone has the right-

- a) To a basic education, including adult basic education; and
- b) To further education, which the state, through reasonable measures must make progressively available and accessible”

A principle of the South African Schools Act, 1996 is “to provide for a uniform system for the organisation, governance and funding of schools”.

The basic principles of state funding of public schools derive from the constitutional guarantee of equality and provide that “the state must fund public schools from public revenue on an equitable basis”.

The above principles necessitate a set of national norms and standards for the following:

- Minimum acceptable levels of infrastructure
- Prioritisation criteria
- The public funding of public schools

2.2 Definition of site types

For the purpose of the NEIMS Cost Model, the following education site types are defined:

- Ordinary public primary school
- Ordinary public secondary school
- Ordinary public combined school
- Early Childhood Development centre (ECD)
- Adult Basic Education & Training centre (ABET)
- Centre for the Education of Learners with Special Education Needs (ELSEN)
- Circuit and District offices of the provincial departments of education

2.3 Proposed National norms and standards

It was anticipated that national norms and standards for education infrastructure would be available at the inception of Contract EDO 305. Several factors resulted in the delay of the development of such norms and standards.

Interim minimum norms and standards had to be prepared to enable the NEIMS Cost Model to quantify the infrastructure backlogs. Such interim minimum norms and standards are attached as Annexure A.

2.4 Backlog definitions

The following backlogs are defined:

- Space backlog – The amount of cash required to develop additional space in the appropriate space categories. In all cases where the existing space in a specific category is less than the minimum space required for such category, it is assumed that additional space will be developed.
- Standards backlog – The amount of cash required to upgrade the current infrastructure to meet the selected norms and standards. In all cases where the existing standard of infrastructure is lower than the minimum norm, it is assumed that the standard will be improved to the minimum norm.
- Condition backlog – The amount of cash required to refurbish the existing infrastructure to the acceptable condition. In all cases where the existing infrastructure is in a worse condition than the minimum acceptable condition, it is assumed that the infrastructure will be refurbished to the minimum acceptable condition.

3. ESTIMATING PRINCIPLES

3.1 Land values

Education sites are not generally traded. The implication is that there are no reliable records and trends that can be used to estimate the land values. A further complicating factor is the absence of property deeds and a general vagueness regarding ownership and extent of properties.

In view of the above, the following phased approach is proposed to progressively improve the appropriateness of the estimated land values:

- Level 1 : Assume all land to be valued at R1/m²
- Level 2 : Revise land values in the major centres based on typical land values from property analysts.
- Level 3 : Differentiate between properties in urban areas and those in rural areas
- Level 4 : Refine values based on municipal valuation rolls

3.2 Replacement values

The replacement value of immovable assets is defined as the amount of cash that would have to be paid if an equivalent asset was acquired currently. This refers to the estimated amount the will be paid to an appointed contractor and excludes the following costs:

- Demolishment of existing infrastructure
- Professional fees associated with construction of new infrastructure
- Legal costs
- Survey costs

3.3 Depreciated replacement values

The depreciated replacement value of immovable assets is defined as the replacement value minus the condition backlog. This refers to the estimated amount the will be paid to an appointed contractor and excludes the following costs:

- Demolishment of existing infrastructure
- Professional fees associated with construction of new infrastructure
- Legal costs
- Survey costs

3.4 Capital budget estimating principles

The construction cost of a typical school was estimated by means of detailed schedules of quantities. The cost then represents the current (2006) cost in Gauteng. From this base, the following variations in costs were prepared:

- Variations for differences in specific descriptions
- Variations for differences in levels of service
- Variations for difference in conditions

3.5 Maintenance budget estimates

There are three broad categories of maintenance:

- Refurbishment – Planned corrective maintenance to restore assets to a satisfactory condition. This is based on the records of unsatisfactory conditions detected during the assessment of the assets. An example of refurbishment is replacement of a portion of the ceiling boards in a room. The cost estimate for refurbishment is based on the construction rates.
- Preventative maintenance – This includes actions undertaken before an asset fails to delay or prevent the occurrence of a known failure mode. An example of preventative

maintenance is sewer cleaning programmed on an understanding of the rate of build up of blockages. An annual allowance should be budgeted for preventative maintenance. The cost estimate for planned maintenance is based on a percentage of the estimated replacement value of the asset.

- Un-planned maintenance – This includes corrective work carried out in response to reported problems or defects. An example of un-planned maintenance is the repair of a jammed door lock. An annual allowance should be budgeted for preventative maintenance. The cost estimate for un-planned maintenance is based on a percentage of the estimated replacement value of the asset.

3.6 Geographical variation in rates

Based on the research by the Bureau for Economic Research, the base cost of Gauteng was varied to be applicable in different geographic areas of South Africa.

3.7 Time variation in rates

Based on the research by the Bureau for Economic Research, the current cost (2006), can be varied to be applicable at selected future dates.

4. STEP BY STEP GUIDE TO IMPLEMENTATION OF THE COST MODEL

4.1 Data integrity

The validity of any cost estimate is dependent on the validity of the data it is based on. It is therefore critical that the status of the infrastructure should be updated on a regular basis. Similarly, the currency of the rates tables and indices should be maintained at all times.

4.2 Access to Cost Model

The cost model is part of the Education Infrastructure Management System. It runs on the data transferred from the NEIMS database to the Management system. All people with access to the Management System will have access to the Cost Model.

4.3 Interpretation of results

The Cost Model provides a first order of magnitude of the financing requirements. The accuracy is absolutely dependant on the integrity of the data and the currency of the rates and indices. It is not intended to provide an accurate estimate of the construction cost as such estimate will depend on the final design and local conditions.

4.4 Filtering of results

Costs are calculated per site. The results of the Cost Model forms part of the set of individual site reports. There are options to summarise the Cost Model results per Municipal Ward, Local Municipality, District Municipality, Province and National.

5. CAPITAL INVESTMENT PLANNING

The preamble to the South African Schools Act, 1996 states that:

“...this country requires a new national system for schools which will redress past injustices in educational provision, provide an education of progressively high

quality for all learners and in so doing lay a strong foundation for the development of all our people's talents and capabilities..."

"New classrooms and other construction allocations" includes provision for water, electricity, sewage and telephone services on site, and connections to mains services where these are provided to the school site.

The following guidelines for scenario planning are contained in the National Norms and Standards for School Funding (Government Gazette Vol 494, 31 August 2006, No 29179):

Ref.	Guideline for Scenario Planning
1	<ul style="list-style-type: none"> Initially estimate the requirements to eliminate backlogs and provide sufficient school places by the target year 2008
2	<ul style="list-style-type: none"> The construction of new schools or additional classrooms and learning facilities should be targeted to the neediest population, where "need" is defined in terms of : <ul style="list-style-type: none"> Lack of current schools Overcrowding of existing schools Need indicators should refer to the number of learners that are out of school or in overcrowded schools PEDs must develop a ranking of geographical areas from neediest to least needy Backlogs must be eliminated by starting with the neediest, most crowded areas, and proceeding as quickly as possible down the list of priorities
3	<ul style="list-style-type: none"> Preference must be given to: <ul style="list-style-type: none"> Facilities serving the compulsory education grades (grades 1-9) Extensions to existing schools, rather than new schools

Prioritisation of projects can be based on the indices calculated as follows:

- (Space backlog index) = (Space backlog value)/(Estimated replacement value)
- (Standard backlog index) = (Standard backlog value)/(Estimated replacement value)
- (Condition backlog index) = (Condition backlog value)/(Estimated replacement value)

Site priority indices can be calculated, depending on the relative importance of Space, Standard and Condition. Such relative importance can be expressed as a Weighting factor can be identified for Space, Standard and Condition.

- (Site priority index) =

$$\begin{aligned} & \{[(\text{Space backlog index}) * (\text{Space weighting factor})] \\ & + [(\text{Standard backlog index}) * (\text{Standard weighting factor})] \\ & + [(\text{Condition backlog index}) * (\text{Condition weighting factor})]\} \\ & * (\text{Number of people accommodated on site}) \end{aligned}$$

6. FUTURE UPDATE PROPOSALS

6.1 Changes in rates

The rates should be verified annually. Cost estimating experts are required to confirm the validity of the rates or to update the rates.

6.2 Changes in norms and standards

The Norms & Standards should be verified annually. This provides a common base for all cost estimates. Experts are required to confirm the validity of the Norms & Standards tables or to revise such.

6.3 Value-add proposals

The following enhancements are proposed:

- Develop functionality to export cost estimates to Excell
- Prepare graphical reports on backlogs:
 - Space backlog
 - Standards backlog
 - Condition backlog
- Prepare infrastructure strategic plan with clear milestones
 - Infrastructure vision
 - Infrastructure strategic targets
 - Allocation of responsibilities
 - Project Implementation Plan
 - Project Management Plan
- Prepare graphical reports on progress:
 - Space backlog
 - Standards backlog
 - Condition



APPENDIX D:

PROJECT LIST FOR THE 2010/11 MTEF PERIOD

(Attached as an Excel Spreadsheet)



APPENDIX E:

Existing Infrastructure

(Attached as an Excel Spreadsheet and Word Document)



APPENDIX F:

VALUATIONS

(Attached as Excel Spreadsheet)



APPENDIX G

Working Document:
Determining the maintenance need for
schools in the Gauteng Department of
Education

(Attached as a word document)



APPENDIX H

Specification of Methods and Materials

(Available as a hard copy only)



APPENDIX I

Organogram (Attached as a Word Document)



APPENDIX J

Capacity Assessment Findings and Recommendations

(Attached as e-copy)



