

# **National Education Infrastructure Management System Report**

## **as at 12 April 2021**

The *National Education Infrastructure Management System* (NEIMS) is the system utilised by the Department of Basic Education (DBE) to capture school infrastructure information. The system assist the DBE in monitoring the progress made in provisioning of infrastructure to the schools and also assist in identifying shortages or backlogs of infrastructure needed at schools. The school infrastructure is provided based on the **REGULATION RELATING TO MINIMUM UNIFORM NORMS AND STANDARDS FOR PUBLIC SCHOOL INFRASTRUCTURE**, gazette by minister of Basic Education Honourable Angelina Matsie Motshekga on 29 November 2013 and the objective of the regulation are:

- To provide minimum uniform norms and standards for public school infrastructure;
- To ensure that there is compliance with the minimum uniform norms and standards in the design and construction of new schools and additions, alterations and improvements to schools which exist when these regulations are published; and
- To provide for timeframes within which school infrastructure backlogs must be eradicated.

This report outline the overview summary of school infrastructure across all 9 provinces as at 12 April 2021, with the focus only on public ordinary operational schools (i.e. a public school that is not a special school) and provide summary statistics on:

- Access to electricity and the type of electricity the schools has;
- Access to water and the type of water supply the schools has;
- The type of ablution the schools has;
- The type of the fence and security the schools has;
- The number of schools with and without library and whether the library has books or not;
- The number of schools with and without laboratory;
- The number of schools with and without computer center;
- The type of sports facilities the schools has; and
- The type of communication the school utilizes and how the internet is utilised.



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## Electricity Source Facilities

12-04-21

Table 3

Site Type : Ordinary Operational Schools

Province Name	Number of Sites	Without Electricity Supply	Unreliable Electricity Supply	With Electricity Supply	Generator	Solar	Grid Connection
Western Cape	1457	0	8	1457	5	2	1454
Eastern Cape	5291	*90	1900	5201	266	688	4649
Northern Cape	544	0	53	544	5	11	534
Free State	1084	0	51	1084	3	29	1059
KwaZulu Natal	5803	0	692	5803	217	466	5347
North West	1471	0	159	1471	16	6	1464
Gauteng	2074	0	105	2074	39	6	2070
Mpumalanga	1718	0	55	1718	6	1	1716
Limpopo	3834	0	320	3834	28	271	3725
<b>Total</b>	<b>23276</b>	<b>90</b>	<b>3343</b>	<b>23186</b>	<b>585</b>	<b>1480</b>	<b>22018</b>

One site can have more than one type of electricity source

\* Electricity project are at different stages of implementation



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## Water Source Facilities

12-04-21

Table 4

Site Type : Ordinary Operational Schools

Province Name	Number of Sites	No Water Supply	Unreliable Water Supply	Water Supply	Borehole Well on Site	Mobile Tankers	Municipal Communal	Municipal Yard Supply	Rainwater Harvesting
Western Cape	1457	0	8	1457	224	102	474	829	14
Eastern Cape	5291	0	2621	5291	489	116	633	2045	4014
Northern Cape	544	0	98	544	301	34	131	303	46
Free State	1084	0	65	1084	274	26	99	754	17
KwaZulu Natal	5803	0	1631	5803	1527	358	601	2608	2996
North West	1471	0	278	1471	927	104	235	762	58
Gauteng	2074	0	81	2074	314	28	320	1695	85
Mpumalanga	1718	0	235	1718	711	209	449	604	6
Limpopo	3834	0	819	3834	2856	258	662	1257	219
<b>Total</b>	<b>23276</b>	<b>0</b>	<b>5836</b>	<b>23276</b>	<b>7623</b>	<b>1235</b>	<b>3604</b>	<b>10857</b>	<b>7455</b>

*One site can have more than one type of water source*



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## Ablution Source Facilities

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Table 5

Site Type : Ordinary Operational Schools

Province Name	Number of Sites	Pit	Enviro Loo	VIP	Flush Toilet Septic Tank	Flush Toilet Municipal	Mobile Toilets	Chemical Toilets	Alternative Sanitation	Without Facilities
Western Cape	1457	0	1	9	228	1389	3	0	0	0
Eastern Cape	5291	1473	282	2773	254	1048	8	4	1	0
Northern Cape	544	46	42	83	145	341	4	1	0	0
Free State	1084	127	30	116	129	733	5	1	0	0
KwaZulu Natal	5803	1000	472	2360	551	1582	63	65	4	0
North West	1471	108	81	309	499	697	16	7	1	0
Gauteng	2074	0	13	26	154	1945	101	7	0	0
Mpumalanga	1718	269	306	539	502	498	0	0	0	0
Limpopo	3834	2144	1445	1395	690	410	1	3	0	0
<b>Total</b>	<b>23276</b>	<b>5167</b>	<b>2672</b>	<b>7610</b>	<b>3152</b>	<b>8643</b>	<b>201</b>	<b>88</b>	<b>6</b>	<b>0</b>

*One site can have a combination of different types of ablution facilities*



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## Pits Only And No Sanitation Report

Site Type : Ordinary Operational Schools

TABLE 5 A

Province Name	Number Of Site	Pit Only	No Sanitation
Western Cape	1457	0	0
Eastern Cape	5291	944	0
Northern Cape	544	0	0
Free State	1084	47	0
KwaZulu Natal	5803	901	0
North West	1471	18	0
Gauteng	2074	0	0
Mpumalanga	1718	1	0
Limpopo	3834	219	0
<b>Total</b>	<b>23276</b>	<b>2130</b>	<b>0</b>



12-04-21

## Fencing and Security

**Table 6**

**Site Type : Ordinary Operational Schools**

Province Name	Number of Sites	Fencing							Security							
		No Fencing	Palisade(C)	Palisade(S)	Wire Fence	Razor wire fence	Pre cast	Brick Wall	No Security	Electric Fence	Gate	Access Control	Security Room Guard	Alarm System	Security Lights	Surveillance Cameras
Western Cape	1457	0	46	137	1346	43	16	98	0	15	1457	351	81	165	136	74
Eastern Cape	5291	0	26	293	4450	2346	25	358	102	16	5291	83	330	293	458	59
Northern Cape	544	0	11	162	442	138	4	55	2	6	544	40	11	94	46	37
Free State	1084	0	14	242	849	124	4	87	0	3	1084	26	35	12	59	28
KwaZulu Natal	5803	0	293	257	5103	3471	92	568	20	20	5803	370	2047	55	388	118
North West	1471	0	31	288	991	858	15	202	21	7	1471	64	75	188	191	46
Gauteng	2074	0	436	1132	795	251	116	579	0	36	2074	977	545	149	608	200
Mpumalanga	1718	0	25	140	1417	72	0	25	2	2	1718	59	75	34	15	15
Limpopo	3834	0	75	455	3375	1204	14	495	10	8	3834	166	325	83	102	16
<b>Total</b>	<b>23276</b>	<b>0</b>	<b>957</b>	<b>3106</b>	<b>18768</b>	<b>8507</b>	<b>286</b>	<b>2467</b>	<b>157</b>	<b>113</b>	<b>23276</b>	<b>2136</b>	<b>3524</b>	<b>1073</b>	<b>2003</b>	<b>593</b>

*One site can have more than one type of fencing*



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## Library Summary

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Site Type : Ordinary Operational Schools

Table 7

Province Name	Number of Sites	With Library	% With Library	Is The Library Stocked	% Library Stocked	Without Library	% Without Library
Western Cape	1457	800	54.91	449	30.82	657	45.09
Eastern Cape	5291	355	6.71	215	4.06	4936	93.29
Northern Cape	544	186	34.19	98	18.01	358	65.81
Free State	1084	428	39.48	201	18.54	656	60.52
KwaZulu Natal	5803	1408	24.26	1005	17.32	4395	75.74
North West	1471	360	24.47	197	13.39	1111	75.53
Gauteng	2074	1313	63.31	881	42.48	761	36.69
Mpumalanga	1718	337	19.62	156	9.08	1381	80.38
Limpopo	3834	257	6.70	109	2.84	3577	93.30
<b>Total</b>	<b>23276</b>	<b>5444</b>	<b>30.41</b>	<b>3311</b>	<b>17.39</b>	<b>17832</b>	<b>69.59</b>

*Library reported exclude schools with access to community, mobile, cluster, classroom libraries etc.*



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## Laboratory Source Facilities

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Table 8

**Site Type : Ordinary Operational Schools**

Province Name	Number of Sites	With Laboratory	% With Laboratory	Without Laboratory	% Without Laboratory
Western Cape	1457	505	34.66	952	65.34
Eastern Cape	5291	368	6.96	4923	93.04
Northern Cape	544	129	23.71	415	76.29
Free State	1084	328	30.26	756	69.74
KwaZulu Natal	5803	667	11.49	5136	88.51
North West	1471	298	20.26	1173	79.74
Gauteng	2074	694	33.46	1380	66.54
Mpumalanga	1718	215	12.51	1503	87.49
Limpopo	3834	232	6.05	3602	93.95
<b>Total</b>	<b>23276</b>	<b>3436</b>	<b>19.93</b>	<b>19840</b>	<b>80.07</b>





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## Computer Centres Summary

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Site Type : Ordinary Operational Schools

Table 9

Province Name	Number of Sites	With Computer Centre	% With Computers	Without Computer Centre	%Without Computer Centre
Western Cape	1457	882	60.54	575	39.46
Eastern Cape	5291	576	10.89	4699	88.81
Northern Cape	544	288	52.94	256	47.06
Free State	1084	431	39.76	653	60.24
KwaZulu Natal	5803	1938	33.40	3865	66.60
North West	1471	667	45.34	804	54.66
Gauteng	2074	1662	80.14	412	19.86
Mpumalanga	1718	657	38.24	1061	61.76
Limpopo	3834	575	15.00	3259	85.00
<b>Total</b>	<b>23276</b>	<b>7676</b>	<b>41.80</b>	<b>15584</b>	<b>58.16</b>



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## Sports Source Facilities

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Table 10

Site Type : Ordinary Operational Schools

Province Name	Number of Sites	Sports Facilities Available										Without	
		Athletics	Tennis	Combi Court	Hockey	Netball	Swimming Pool	Soccer	Cricket	Rugby	Squash Court	Total	%
Western Cape	1457	82	240	35	109	877	21	765	155	91	2	369	25.33
Eastern Cape	5291	142	165	106	84	1481	70	1174	173	437	19	3415	64.54
Northern Cape	544	53	101	52	27	304	17	174	57	93	3	170	31.25
Free State	1084	69	154	36	50	621	17	503	115	36	6	321	29.61
KwaZulu Natal	5803	192	159	289	122	2008	182	1599	260	113	13	3151	54.30
North West	1471	77	118	128	46	877	31	809	85	80	0	378	25.70
Gauteng	2074	430	436	366	246	1327	169	1108	460	241	10	467	22.52
Mpumalanga	1718	55	88	44	40	1016	15	861	45	3	0	522	30.38
Limpopo	3834	76	94	69	36	2309	43	1665	66	37	1	1245	32.47
<b>Total</b>	<b>23276</b>	<b>1176</b>	<b>1555</b>	<b>1125</b>	<b>760</b>	<b>10820</b>	<b>565</b>	<b>8658</b>	<b>1416</b>	<b>1131</b>	<b>54</b>	<b>10038</b>	<b>35.12</b>

*One site can have more than one type of sports facilities*



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## Communication Source Facilities

12/04/21

Site Type : Ordinary Operational Schools

Table 11

Province Name	Number of Sites	Communication Systems Available								Without	
		Cell Network	Landline	Fax	Two way radio	Internet Connectivity for Teaching and Learning	Internet Connectivity for Administrative Purposes	Public Call box	Intercom	Total	%
Western Cape	1457	1098	1420	1331	98	1261	1292	654	186	1	0.07
Eastern Cape	5291	5161	1276	1066	40	570	1170	388	309	73	1.38
Northern Cape	544	500	421	391	10	215	408	61	82	1	0.18
Free State	1084	1027	868	817	29	303	391	437	58	5	0.46
KwaZulu Natal	5803	5609	2440	1821	55	536	1000	654	242	51	0.88
North West	1471	1444	640	549	10	276	650	138	96	3	0.20
Gauteng	2074	1762	1867	1743	131	1327	1441	990	495	1	0.05
Mpumalanga	1718	1625	872	594	2	99	241	118	3	19	1.11
Limpopo	3834	3782	882	537	5	151	345	152	34	24	0.63
<b>Total</b>	<b>23276</b>	<b>22008</b>	<b>10686</b>	<b>8849</b>	<b>380</b>	<b>4738</b>	<b>6938</b>	<b>3592</b>	<b>1505</b>	<b>178</b>	<b>0.55</b>

*One site can have more than one type of communication*