

NATIONAL WATER AND SANITATION SUMMIT

COMMISSION 4 : INTEGRATED SANITATION PLAN

18 February 2022



basic educ
Department:
Basic Education
REPUBLIC OF SOA

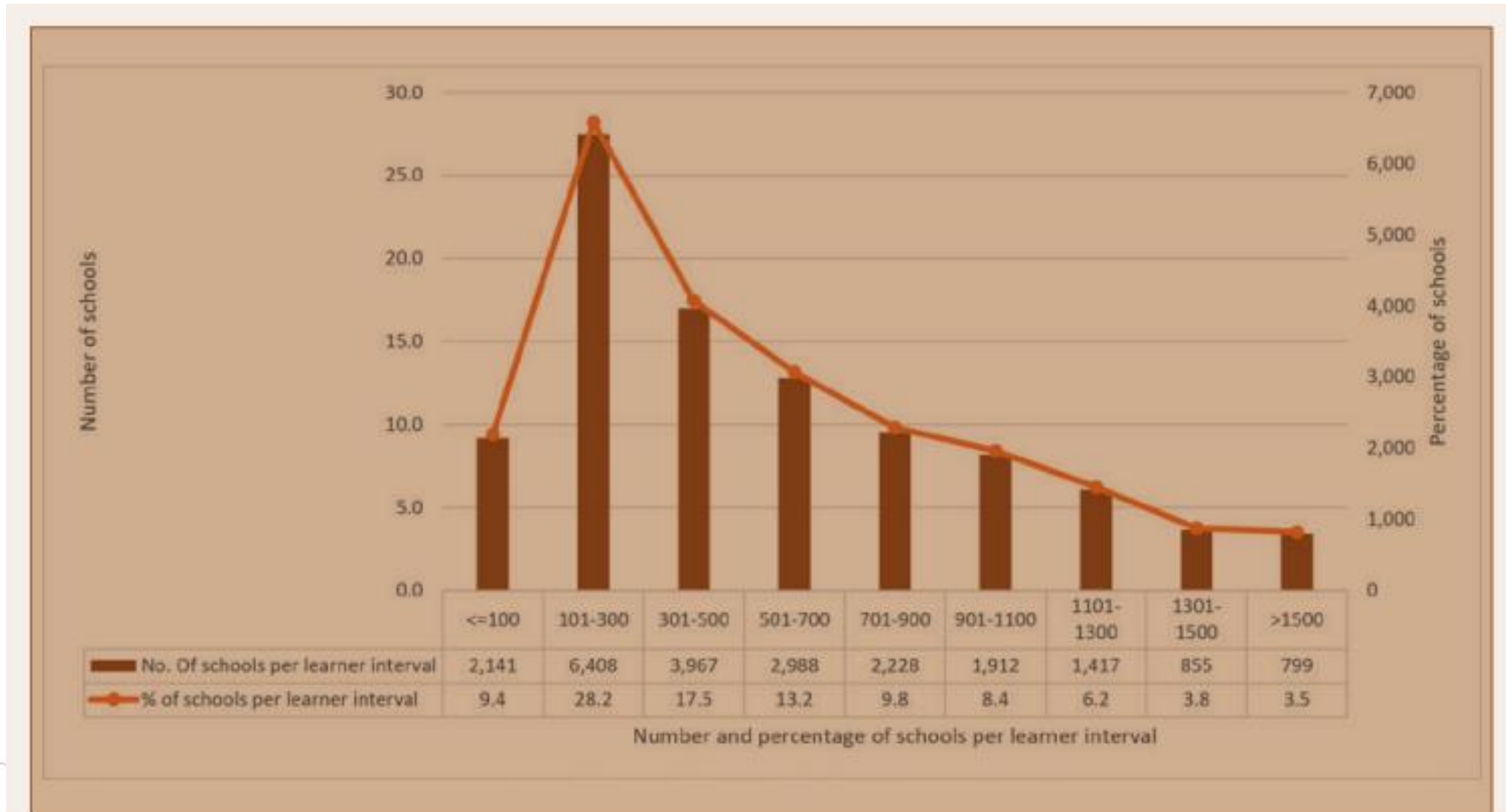


Abstract from “School Realities” published January 2022 (TABLE 2)

Province	Public and Independent					
	Learners	As % of National Total	Educators	As % of National Total	Schools	As % of National Total
EC	1 848 053	13.8	62 698	14.0	5 341	21.5
FS	726 713	5.4	23 867	5.3	1 071	4.3
GT	2 564 812	19.1	91 958	20.6	2 941	11.8
KZN	2 893 958	21.6	96 659	21.6	6 022	24.2
LP	1 799 130	13.4	53 582	12.0	3 855	15.5
MP	1 134 889	8.5	36 963	8.3	1 785	7.2
NC	304 566	2.3	10 486	2.3	585	2.3
NW	872 601	6.5	28 248	6.3	1 539	6.2
WC	1 264 527	9.4	42 662	9.5	1 755	7.0
NATIONAL	13 409 249	100.0	447 123	100.0	24 894	100.0



Abstract from “School Realities” published January 2022 (FIGURE 4)



Abstract from “Regulations relating to minimum uniform norms and standards for public school infrastructure” published November 2013

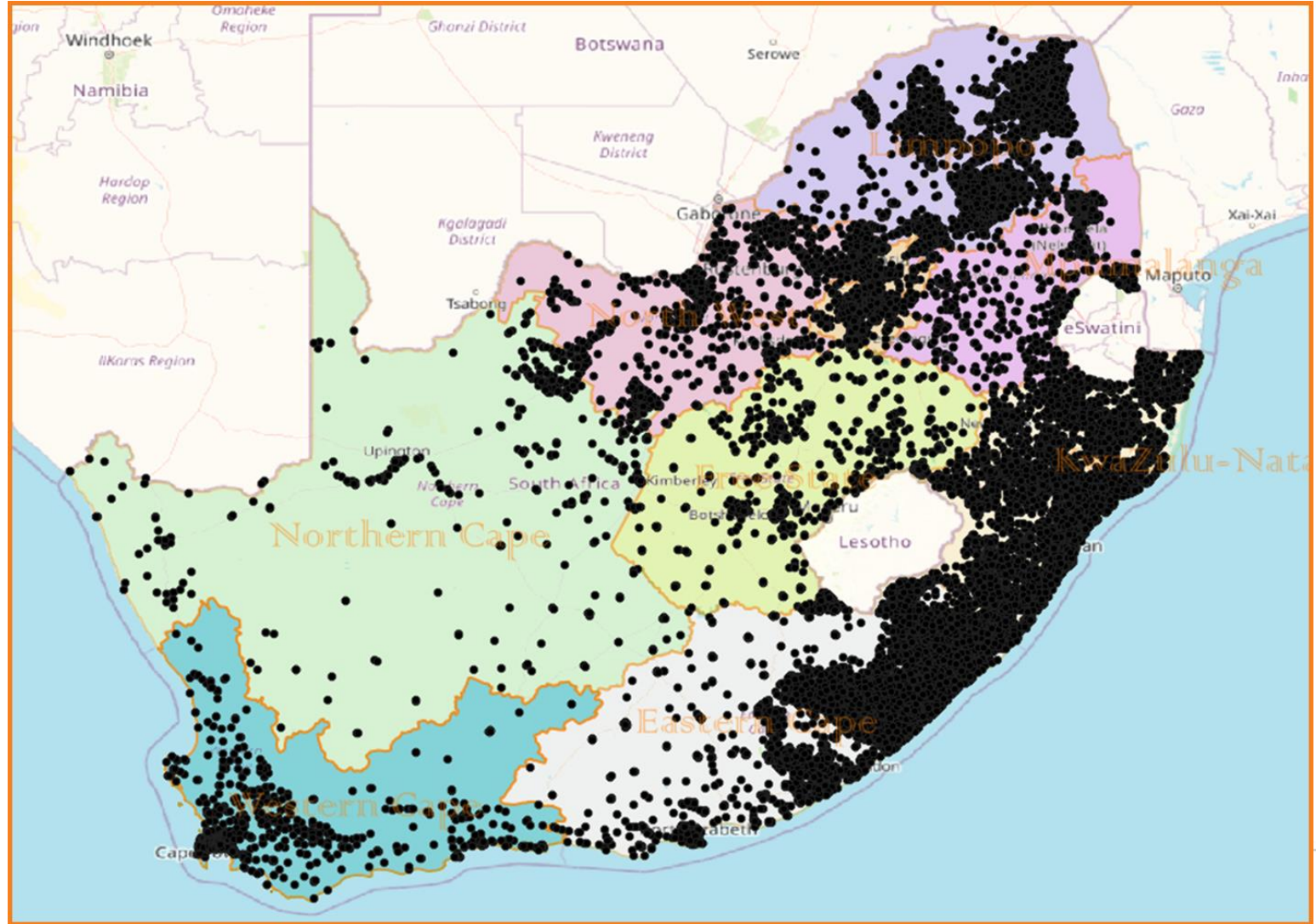
PRIMARY SCHOOLS															
Enrolment range	Enrolment range per gender	Girls' toilets	Girls' basins	Boys' toilets	Boys' urinals	Boys' basins	Unisex Grade R Toilets	Grade R basins	Unisex Disabled toilets & basins	Female staff toilets	Female staff basins	Male staff toilet	Male staff urinals	Male staff basins	Total toilets
0 - 25	0 - 13	2	1	1	1	1	0	0	1*	0	0	1	0	0	6
26 - 65	13 - 33	2	1	1	1	1	0	0	1*	0	0	1	0	0	6
66 - 134	33 - 67	3	2	1	2	1	2	1	1	1	1	1	0	1	11
135 - 310	68 - 155	6	4	2	4	2	3	2	1	2	1	1	1	1	20
311 - 620	156 - 310	8	6	4	4	2	4	3	1	2	1	1	1	1	25
621 - 930	311 - 465	10	6	4	6	3	5	3	2	3	2	1	2	2	33
931 - 1240	466 - 620	12	8	6	6	4	5	3	2	3	2	1	2	2	37

NB. For the above table it is assumed that the number of learners are spread equally between grades, therefore, the Grade R enrolment = 1/6 of total enrolment.

SECONDARY SCHOOLS														
Enrolment range	Enrolment range per gender	Girls' toilets	Girls' basins	Boys' toilets	Boys' urinals	Boys' basins	Unisex Disabled toilets & basins	Female staff toilets	Female staff basins	Male staff toilet	Male staff urinals	Male staff basins	Total toilets	
0 - 100	0 - 50	2	1	1	1	1	1	0	0	1	0	0	6	
101 - 200	51 - 100	4	2	2	2	2	1	1	1	1	0	1	11	
201 - 400	101 - 200	6	4	2	4	2	1	2	1	1	1	1	17	
401 - 600	201 - 300	8	6	4	4	3	1	2	1	1	1	1	21	
601 - 800	301 - 400	10	6	4	6	3	1	2	1	1	1	1	25	
800 - 1000	401 - 501	12	8	4	6	3	2	3	2	1	2	2	30	
1001 - 1200	501 - 600	14	8	6	6	4	2	3	2	1	2	2	34	

Education overview

1. There are more than **13** million learners
2. They are accommodated in more than **24 000** schools
3. To comply with the minimum uniform norms and standards, we require more than **500 000** toilets
4. Department of Basic Education is investing **R1 500** million in 2021/22 to upgrade sanitation at schools that are dependent on basic pit toilets



Elements of sanitation

- Differentiate between “on-site” infrastructure and “off-site” **infrastructure**
- Differentiate between “on-site” infrastructure and “off-site” **service**



Clean water abstraction, conveyance, treatment & distribution



Sanitation facility

Dirty water collection, removal, disposal or purification



Abstracts from “Constitution”

Section 40

- In the Republic, government is constituted as national, provincial and local spheres of government which are **distinctive**, **interdependent** and **interrelated**

Schedule 4

- Functional areas of **concurrent** National and Provincial legislative competence
 - Education at all levels, excluding tertiary education
 - Health services
 - Housing
 - (Other)

Abstracts from “Water Services Act”

Section 1

- “**water services**” means water supply services and sanitation services
- “**water supply services**” means the abstraction, conveyance, treatment and distribution of potable water, water intended to be converted to potable water or water for commercial use but not water for industrial use
- “**sanitation services**” means the collection, removal, disposal or purification of human excreta, domestic waste-water, sewage and effluent resulting from the use of water for commercial

Section 6

- No person may use water services from a source other than a **water services provider** nominated by the water services authority having jurisdiction in the area in question without the approval of that water services authority

Section 11

- Every **water services authority** has a duty to all consumers or potential consumers in its area of jurisdiction to progressively ensure efficient, affordable, economical and sustainable access to water services. of resources from neighboring water services authorities.
- A **water services authority** may not unreasonably refuse or fail to give access to water services to a consumer or potential consumer in its area of jurisdiction.

Abstract from “GIAMA”

Section 1

- “**user**” means a national or provincial department that uses or intends to use an immovable asset in support of its service delivery objectives and includes a custodian in relation to an immovable asset that it occupies or intends to occupy, represented by the Minister of such national department, Premier of a province or MEC of such provincial department, so designated by the Premier of that province.

Section 4

- The departments managed by the following executive organs of state within the national and provincial spheres of government are **custodians**:
 - (a) The Minister (Public Works), in relation to immovable assets that vest in the **national** government
 - (b) The Minister (Land Affairs), in relation to immovable assets that vest in the national government and are situated within the **former homelands**
 - (c) a Premier of a province or an MEC designated by the Premier, in relation to an immovable asset that vests in a **provincial** government.

Abstract from “GIAMA”

Section 7

- A **custodian** immovable asset management plan must consist of at least—
 - (a) a portfolio strategy and management plan;
 - (b) a management plan for each immovable asset throughout its life cycle;
 - (c) a performance assessment of the immovable asset;
 - (d) a **condition assessment** of the immovable asset;
 - (e) the **maintenance activities** required and the total and true cost of the maintenance activities identified; and
 - (f) a disposal strategy and management plan.

Conclusion

1. An integrated approach to the development of a Sanitation Plan:
 - a) Is in accordance with the essence of a spheres of government which are **distinctive, interdependent** and **interrelated**
 - b) Is the only way to respect the roles of **user** and **custodian** of sanitation assets
 - c) Is the only way to respect the role of the **water services authority**, the **water services provider** and the **water services intermediary**

Critical questions

1. With regard to “on-site” sanitation infrastructure:
 - a) Who is responsible for the planning, design and construction?
 - b) Who is responsible for the operation and maintenance?
 - c) Who is responsible for providing the sanitation service?
2. With regard to “off-site” sanitation infrastructure:
 - a) Who is responsible for the planning, design and construction?
 - b) Who is responsible for the operation and maintenance?
 - c) Who is responsible for providing the sanitation service?

Thank you

There are 3 kinds of people

- 1) those who **make things** happen;
- 2) those who **watch things** happen; and
- 3) those who **wonder what** happened.