



## **Appendix C- Indicator changes overview**

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The following tables set out the indicators that have been revised or clarified between the 2022 and 2023 MFMA Circular No. 88 Addendum update. These revisions and updates are the product of consultations via the sector Technical Working Groups in consultation with national technical experts. The changes distinguish between indicators with substantive definitional changes, minor clarifications and new indicators.

Metropolitan municipalities should take note of the interim formulation of indicators HS1.12 and EE3.11 that will allow them to continue to apply without exemption for 2023/24.



**INDICATORS WITH CHANGES**

The following highlights indicators with definitional changes that alter how the indicator value is determined between reporting years. The changes identified also indicate if there may be any implications for 2023/24 reporting.

<b>Indicators for 2023 update</b>	<b>Comments</b>
EE3.1 SAIFI	Indicator readiness demoted to <b>Tier 3</b> on account of none of the municipalities having systems capable of reliably and completely supplying the requisite data at this time.
EE3.3 SAIDI	Indicator readiness demoted to <b>Tier 3</b> on account of none of the municipalities having systems capable of reliably and completely supplying the requisite data at this time.
EE3.11 Percentage of unplanned outages that are restored to supply within industry standard timeframes	Changes to the <b>Rationale, Definition, Indicator Formula and Notes</b> to apply the 24 hour standard in terms of NRS 047 for the sake of consistent interpretation and application of the standard for 2024/25 reporting. Refer to the <b>interim formulation</b> for how to handle indicator reporting for the remained of 2023/24.
GG1.22- Percentage of vacant posts filled within 6 months	Changes to the <b>Title, Definition, Indicator Formula, Origin and Data Element</b> to apply the 6 month processing standard. Where municipalities have been tracking the indicator in relation to the existing 3 month standard for 2023/24 reporting, they should continue to do so. Any municipalities that have implemented changes to apply the 6 month standard for 2023/24 reporting may continue to do so as reporting against either standard is acceptable for 2023/24. All municipalities will apply the 6 month standard for 2024/25 planning and reporting.
GG 5.12 Quarterly salary bill of suspended officials	Changes to the type of indicator. It now reflects as a <b>Compliance</b> indicator- C100(GG) and is no longer considered an Output indicator. Reporting against the indicator for 2023/24 should continue, but assessment against target should not apply.
GG5.2- Number of dismissals for fraud and corruption per 100 000 population	Indicator readiness demoted to <b>Tier 3</b> and the municipal data element will be reported as a Compliance indicator from 2024/25 onwards. Municipalities should still supply the data element and report against the indicator for 2023/24 reporting as this indicator is not planned for exemption.
ENV3.11 Percentage of recognised informal settlements receiving basic waste removal services	Changes to the <b>Title, Definition, Formula, Notes and Data Elements</b> have clarified the standard of weekly collection throughout the year. Furthermore, the indicator has been moved to a <b>Quarterly</b> reporting frequency for the 2024/25 period. Municipalities should still report against the pre-existing formulation for the 2023/24 reporting period as this indicator is not planned for exemption.



Indicators for 2023 update	Comments
ENV3.2 Percentage of scheduled waste collection service points experiencing collection delays of more than one day	Changes to the <b>Title, Rationale, Definition, Formula, Origin, Notes and Data Elements</b> have fundamentally changed the indicator for the 2024/25 period. Municipalities should still report against the pre-existing formulation for the 2023/24 reporting period as this indicator is not planned for exemption.
ENV5.2 Recreational water quality (inland)	Indicator readiness demoted to <b>Tier 3</b> due to technical uncertainties related recreational water quality responsibilities and monitoring.
WS1.11 Number of new sewer connections meeting minimum standards	Changes to the indicator <b>Rationale, Definition, Additional notes and Data elements</b> which have removed the provisions counting these connections only in relation to state-subsidised human settlements for 2024/25. Municipalities should still report against the pre-existing TID formulation for the 2023/24 reporting period as this indicator is not planned for exemption.
WS2.11 Number of new water connections meeting minimum standards	Changes to the indicator <b>Rationale, Definition, Additional notes and Data elements</b> which have removed the provisions counting these connections only in relation to state-subsidised human settlements for 2024/25. Municipalities should still report against the pre-existing TID formulation for the 2023/24 reporting period as this indicator is not planned for exemption.
HS1.12 Number of serviced sites	Changes to the indicator <b>Rationale, Definition, Formula, Origin, Notes and Data element</b> to make it consistent with Department of Human Settlements Guidance. Specifically, the electricity connection provision has been replaced with road access. Refer to the <b>interim formulation</b> of the indicator to allow for continued reporting for the 2023/24 reporting period as this indicator is not planned for exemption.
C57 Number of registered electricity consumers with an embedded generation system	Changes across the TID to clarify the indicator measures embedded generation systems and not mini-grid systems at this time.

**C56-** *Number of customers provided with an alternative energy supply (e.g. LPG or paraffin or biogel according to supply level standards)* is no longer applicable to metropolitan municipalities.

**ENV1.11 and ENV1.13** have also been edited but remain Tier 3 and are so not applicable to any municipalities at this time.



## INDICATORS WITH CLARIFICATIONS

The following highlight indicators with minor definitional clarifications that expand or improve upon existing definitions.

Indicators for 2023 update	Comments
EE1.13 Percentage of valid customer applications for new electricity connections processed in terms of municipal service standards	Minor definitional clarifications related to the processing of electricity applications received prior to the start of the financial year in the <b>Notes</b> . EE1.13(2) <b>Notes</b> also clarifies that this is a demand-driven data element and it will apply to ICMs for 2024/25 as Tier 2.
EE2.11 Percentage of total residential electricity provision allocated as Free Basic Electricity (FBE)	Minor clarification in the <b>Definition</b> that the total amount of electricity provided to residential customers refers to electricity sold by the municipality and provided as Free Basic Electricity. This is also clarified in the definition of EE2.11(2).
GG1.2 Top management stability	Clarifications throughout the indicator <b>Rationale, Definition, Formula, Notes and Data Elements</b> to make indicator more clear. The number of standard working days in the year (246) and reference to the Leave provision from the GG1.2(1) data element is made under the <b>Notes on calculation</b> .
GG1.21 Staff vacancy rate	Clarifications to the indicator <b>Definition, Formula and Data Elements</b> to make clear the indicator is inclusive of contract and temporary funded posts that appear on the municipality's approved organisational structure.
GG2.12 Percentage of wards that have held a quarterly councillor-convened community meeting	Clarification to the <b>Title, Rationale, Definition, Notes on calculation and Data element</b> to explain that meetings are held quarterly per ward and the maximum value for any reporting quarter year-to-date is 100%.
ENV1.12 Percentage of AQ monitoring stations providing adequate data over a reporting year	Clarification of the <b>Definition, Notes on calculation, Additional notes and Data element</b> with regards to judging AQ monitoring stations against the data planned for collection and not in relation all possible monitoring parameters.
ENV2.1 Tonnes of municipal solid waste sent to landfill per capita	Clarification provided to <b>Additional notes</b> related to caution when comparing data across municipalities.
ENV2.2 Tonnes of municipal solid waste diverted from landfill per capita	Clarification provided to <b>Additional notes</b> related to caution when comparing data across municipalities.
WS4.11 Percentage of water treatment capacity unused	Clarification provided to <b>Rationale</b> in terms of what is desirable performance associated with unused treatment capacity.



<b>Indicators for 2023 update</b>	<b>Comments</b>
WS4.31 Percentage of wastewater treatment capacity unused	Clarification provided to <b>Rationale</b> in terms of what is desirable performance associated with unused treatment capacity.
WS5.21 Infrastructure Leakage Index	Clarification provided to <b>Data element 5.21(2)</b> in terms of “real water losses” and reflects in the <b>Indicator Formula too.</b>
HS1.13 Hectares of land acquired for human settlements in the municipal area	Clarification provided to <b>Additional notes</b> acknowledging the link to Council decision-making for the indicator.
HS3.7 Percentage of municipal cemetery plots available	Clarification provided in the <b>Rationale</b> and <b>Notes on calculation</b> related to desirable performance and stacking provisions for burial plots.



**NEW INDICATORS**

The following table captures the additional indicators introduced as part of this addendum update. Note there are new outcome, output and compliance indicators identified to complement existing sector indicators for 2024/25 planning and reporting.

<b>Indicators for 2023 update</b>	<b>Comments</b>
EE4.5- Municipal electricity consumption per 10 000 of the population	The indicator was identified as a <b>Shared</b> measure for tracking electricity efficiency within the municipality, a gap within the current indicator set. It was consulted via the Technical Working Group and introduced as Tier 2 for 2024/25 planning and reporting.
LED1.2- Percentage change in the number of individuals in formal employment	This indicator was initially identified as a simple count and consultation with municipalities informed revisions to be more in line with Outcome indicators. It is a <b>National</b> indicator drawn from the Spatial Tax Data which will be released annually going forward.
LED1.6- Percentage change in the number of formal micro and small firms	This indicator was initially identified as a simple count and consultation with municipalities informed revisions to be more in line with Outcome indicators. It is a <b>National</b> indicator drawn from the Spatial Tax Data which will be released annually going forward.
FD2.1- Disaster Management Centre Readiness	This indicator was developed in consultation with the <b>National Disaster Management Centre</b> to provide an indicator that serves as a proxy for municipal readiness and risk reduction, a gap in the earlier indicator set.
FD2.2- Fire Services function in accordance with prescribed requirements	This indicator was developed in consultation with <b>Fire Brigade stakeholders</b> to provide an indicator that serves as a proxy for municipal functionality, a gap in the earlier indicator set.
C102- Number of incidents of improper disposal of medical waste responded to by the municipality	The indicator was identified as a gap related to Municipal Health monitoring by the <b>Department of Cooperative Governance</b> and developed in consultation with the <b>South African Local Government Association</b> .
C103- Number of notifiable medical condition investigations following the prescribed protocols	The indicator was identified as a gap related to Municipal Health monitoring by the <b>Department of Cooperative Governance</b> and developed in consultation with the <b>South African Local Government Association</b> .
C104- Number of foodborne disease outbreak investigations following the prescribed protocols	The indicator was identified as a gap related to Municipal Health monitoring by the <b>Department of Cooperative Governance</b> and developed in consultation with the <b>South African Local Government Association</b> .

**\*Note-** LED1.7 *Employment rate in the municipal area* was formerly LED1.2 but has been reassigned. It remains a Tier 3 indicator for 2024/25 as was the case in 2023/24.

Note there is also a new Compliance question (Q26.) directed at District Municipalities related to the provision of municipal health services within its jurisdiction based on consultations with SALGA.



**INTERIM FORMULATION 2023/24**

Metropolitan municipalities should take note of the interim formulation of indicators HS1.12 and EE3.11. Municipalities are not expected to make in-year changes to the existing definitions to these indicators, but when they are considered against the TIDs, the ~~red strikethrough~~ provisions will not be applied, thereby relaxing definitional application as an interim measure before their updated TIDs apply for 2024/25 planning and reporting.

Technical indicator description sheet					
A1 Indicator short name	Percentage of unplanned outages that are restored to supply within industry standard timeframes	A2 Alignment	Improved reliability of electricity service	A7 Rationale	Once an unplanned outage has occurred, the municipality should strive to restore power to the affected groups as soon as possible. Quick turn around implies greater reliability of the municipal electricity service. <del>This indicator is a distribution of MTTR (Mean Time to Restore), which is the average time it takes to restore supply once an interruption takes place.</del>
		A3 Results-chain level	Output		A8 Definition
INDICATOR ASSIGNMENT	<b>EE3.11</b>	A4 Back to Basics pillar	Service delivery	A9 Indicator Formula	((1) Number of unplanned outages restored within x hours / (2) Total number of unplanned outages), where x is based on industry standards (x= <del>1.5, 3.5, 7.5, 24 and 168</del> hours or less) as per NRS 047.
A5 Unit of measurement	Percentage of outages	A6 Frequency of reporting	Quarterly	A10 Indicator origin	IEEE Electric Power Distribution Reliability Indices: MTTR. The indicator relates to MTSF: Priority 5: Spatial integration, Human settlements and local government. It is aligned in terms of the Outcome- Improved capacity to deliver basic services, quality infrastructure and integrated public transport to increase household access to basic services. Specifically, the indicator that measures Implementation of Municipal Electricity Asset Management framework.
A11 Notes on calculation	<p>Cumulative indicator, i.e. the reported figure in a given quarter should be a year-to-date figure for the financial year.</p> <p>The NRS 047 specifies the percentage of customers supply to be restored within <del>five</del> standards (x=<del>1.5, 3.5, 7.5, 24 and 168</del> hours <del>or less</del>):</p> <p><del>30% restored within 1.5 hours;</del>  <del>60% restored within 3.5 hours;</del>  <del>95% restored within 7.5 hours;</del>            98% restored within 24 hours; <del>and</del>  <del>100% within 168 hours.</del></p> <p><del>All five parameters should be applied per reported outage.</del> If the municipality experiences an outage where it fails to restore supply to customers across <del>any one of the five</del> standards, it should not count for the first data element (numerator) in the formula. Only outages restored that meet <del>all of</del> the standard parameters should be used to calculate the indicator value.</p>			A12 Additional notes	<p>Originally, this indicator was set using the parameters determined by Eskom (x= 0.5, 1.5, 3.5, 24 hours or less). Municipal feedback has since shifted this to the following NRS 047 standards where x=24 hours.</p> <p>There may be some discrepancies between municipalities as some municipalities do not have automated systems. Thus their turn around timeframes will begin from the time the customer reported an outage.</p> <p><del>The 0.5 hr mark will only be possible to report in municipalities where SCADA systems are in place.</del> Unplanned outages exclude Eskom announced loadshedding outages.</p>
Reporting responsibility		Applies to Municipal Category			Readiness
Municipality		Metro	Yes		Tier 1
		Intermediate City	Yes		Tier 1



# national treasury

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		<b>District</b>		<b>No</b>		<b>N/A</b>	
		<b>Local</b>		<b>Yes</b>		<b>Tier 2</b>	
<b>B1 Data Element</b>	(1) Number of unplanned outages restored within x hours	<b>B4 Source</b>	Municipal works management systems (work order systems)	<b>C1 Data Element</b>	(2) Total number of unplanned outages	<b>C4 Source</b>	Municipal work order systems or planned maintenance plans
<b>B2 Frequency of collection</b>	Quarterly	<b>B5 Units</b>	Number of outages	<b>C2 Frequency of collection</b>	Quarterly	<b>C5 Units</b>	Number of unplanned outages logged on the system
<b>B3 Definition</b>	The number of all occurrences of unplanned outages that were restored by the municipality within x hours as per the category of outage set out in NRS 047 (x= <del>1.5, 3.5, 7.5, 24 and 168 hours or less</del> ).			<b>C3 Definition</b>	Total number of unplanned outages logged on the municipal system.		
<b>B6 Notes</b>	None			<b>C6 Notes</b>	Unplanned outages exclude Eskom announced loadshedding.		





## Technical indicator description sheet

<b>A1 Indicator short name</b>	<b>Number of serviced sites</b>	<b>A2 Alignment</b>	Improved access to adequate housing	<b>A7 Rationale</b>	A basic level service for the core services of water, <del>electricity</del> and sanitation is a prerequisite for 'adequate housing'. This indicator tracks the number of sites to which the municipality has provided a minimum service level for the <del>three</del> basic services in terms of infrastructure provision (e.g. water, sanitation and <del>electricity</del> ). Waste removal is a recurring service that is not based on infrastructure provision to a site and is therefore excluded.
		<b>A3 Results-chain level</b>	Output		<b>A8 Definition</b>
<b>INDICATOR ASSIGNMENT</b>	<b>HS1.12</b>	<b>A4 Back to Basics pillar</b>	Service delivery	<b>A9 Indicator Formula</b>	(1) Number of all sites serviced receiving <del>all three</del> of the basic services
<b>A5 Unit of measurement</b>	Number of serviced sites	<b>A6 Frequency of reporting</b>	Annual	<b>A10 Indicator origin</b>	The indicator originates with MTSF: Priority 5: Spatial integration, Human settlements and local government. It is aligned in terms of the Outcome- Adequate housing and improved quality living environments. There was also an Urban Settlements Development Grant indicator- Number of sites currently serviced with electricity, water (house connection) sewerage removal service and solid waste removal service (622) which corresponds to this indicator, less the solid waste removal service.
<b>A11 Notes on calculation</b>	The indicator measures those newly serviced sites and does not measure all existing serviced sites within the municipal area. Sites lacking any one of the <del>three</del> services, or below the minimum standard for that service should be excluded from the count. Communal servicing should not be counted within this indicator as it refers to direct connections.			<b>A12 Additional notes</b>	<del>It is acknowledged that the three core services may not be delivered simultaneously and the respective Water &amp; Sanitation and Energy &amp; Electricity sector indicators measure individual connections. This indicator is therefore intended to provide a measure of when ALL THREE basic services have been successfully connected to a site. This is inclusive of direct and indirect connections, so far as they meet basic service standards.</del> This indicator is also intended to support the realisation of improving access to adequate housing by tracking the <del>three</del> core service connections/provisions as a pre-requisite. Serviced sites will be provided as part of the national housing programme, but may also be provided by the municipality using the USDG or other funding.

Reporting responsibility	Applies to Municipal Category		Readiness
<b>Municipality</b>	<b>Metro</b>	<b>Yes</b>	<b>Tier 1</b>
	<b>Intermediate City</b>	<b>Yes</b>	<b>Tier 1</b>



# national treasury

Department:  
National Treasury  
REPUBLIC OF SOUTH AFRICA

		<b>District</b>		<b>No</b>		<b>N/A</b>	
		<b>Local</b>		<b>No</b>		<b>N/A</b>	
<b>B1 Data Element</b>	(1) Number of all sites serviced receiving <del>all three of the</del> basic services.	<b>B4 Source</b>	Municipal basic service departments in coordination with housing department or other relevant departments	<b>C1 Data Element</b>	-	<b>C4 Source</b>	-
<b>B2 Frequency of collection</b>	Annual	<b>B5 Units</b>	Number of serviced sites	<b>C2 Frequency of collection</b>	-	<b>C5 Units</b>	-
<b>B3 Definition</b>	The number of all sites serviced with basic levels of <del>electricity,</del> water and sanitation that do not include the construction of top structures. The data element only measures those newly 'serviced' sites and does not measure all serviced sites within the municipal area.			<b>C3 Definition</b>	-		
<b>B6 Notes</b>	As above.			<b>C6 Notes</b>	-		