

Appendix A. Consolidated indicator overview for Circular 88 (2023)

Appendix A sets out the 315 municipal indicators¹ introduced by MFMA Circular No. 88 and differentially applied across four categories² of municipality: metro; intermediate city; district and local municipality. Each category of municipality reports on a smaller sub-set from this overall catalogue of indicators. Each indicator is placed a readiness scale of Tier 1 (T1) – Tier 4 (T4) per municipal category. Only Tier 1 – Tier 2 indicators are to be reported on in the 2024/25 period.

Appendix B provides the Technical Indicator Descriptions (TID) for each of these indicators setting out the indicator rationale, definition, calculation details, data elements and more.

Appendix C provides an overview of revised, clarified and new indicators in comparison to the 2022 Circular 88 addendum update. This is relevant for all municipalities, but particularly for metropolitan municipalities that have developed standard operating procedures for earlier iterations of the affected indicators.

The indicators in MFMA Circular 88 are organised by sector and outcome, applying a results-chain logic in relation to generalised outcomes. They have been adopted for implementation in the 2024/25 local government financial year by the Joint Planning, Budgeting and Reporting Reform Steering Committee with institutional representation from across the centre of government.

Based on the experience of MFMA Circular 88 implementation to date, and with the benefit of sector and municipal feedback, there have been some readiness demotions to Tier 3 as well as identification of some new indicators where gaps have been identified. The following tables give guidance on codes and colouring of indicators per sector.

Code	Meaning
	Indicator is Tier 1 or Tier 2 level of readiness and should be applied in the 2021/22 planning, budgeting and reporting cycle for at least one category of municipality.
	Indicator is Tier 3 or Tier 4 level of readiness and is not yet ready for standardised reporting in any municipal category.
M	Metropolitan municipalities.
I	Intermediate cities, also known as secondary cities.
D	District municipalities.
L	Local municipalities.

Code	Meaning
T1	Tier 1 readiness
T2	Tier 2 readiness
T3	Tier 3 readiness
T4	Tier 4 readiness

¹ Inclusive of 211 Outcome and Output indicators and 104 Compliance indicators at all Tiers of readiness.

² Refers to 8 metropolitan municipality, 39 intermediate cities, 44 district municipalities and 187 local municipalities. Please consult the Department of Cooperative Governance for more details.

Energy & Electricity

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
EE1. Improved access to electricity	EE1.1. Percentage of households with access to electricity		T1	T3	N/A	T3
		EE1.11 Number of dwellings provided with connections to the mains electricity supply by the municipality	T1	T1	N/A	T1
		EE 1.12 Number of dwellings provided with connections to the mains supply by Eskom within municipal area	T3	T4	N/A	T4
		EE1.13 Percentage of valid customer applications for new electricity connections processed in terms of municipal service standards	T2	T2	N/A	T3
EE2. Improved affordability of electricity	EE2.1 Percentage of households with electricity connections receiving Free Basic Electricity		T3	T3	N/A	T3
		EE2.11 Percentage of total residential electricity provision allocated as Free Basic Electricity (FBE)	T2	T3	N/A	T3
	EE2.2 Percentage of low-income households that spend more than 10% of their monthly income on electricity	T3	T4	N/A	T4	
	EE2.3 Average electricity subsidy per residential municipal customer	T3	T3	N/A	T3	
EE3. Improved reliability of electricity service	EE3.1 System Average Interruption Duration Index		T3	T3	N/A	T3
		EE3.11 Percentage of unplanned outages that are restored to supply within industry standard timeframes	T1	T1	N/A	T2
	EE3.2 Customer Average Interruption Duration Index	T3	T3	N/A	T3	
	EE3.21 Percentage of planned maintenance performed	T1	T2	N/A	T2	
	EE3.3 System Average Interruption Frequency Index		T3	T3	N/A	T3

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
	EE3.4 Customer Average Interruption Frequency Index		T3	T3	N/A	T3
	EE3.5 Average System Interruption Duration Index		T2	T3	N/A	T3
	EE3.6 Average System Interruption Frequency Index		T2	T3	N/A	T3
EE4. Improved energy sustainability	EE4.1 Renewable energy capacity available within the municipal jurisdiction as a percentage of Eskom supply capacity to the municipality		T3	T3	N/A	T4
	EE4.11 Total renewable energy capacity available through IPPs		T3	T4	N/A	T4
	EE4.12 Installed capacity of approved embedded generators on the municipal distribution network		T1	T2	N/A	T3
	EE4.13 Percentage of municipal buildings utilising electricity from renewable electricity		T3	T3	T3	T3
	EE4.2 Electricity usage per capita		T3	T3	N/A	T3
	EE4.3 Road transport fuel usage per capita		T3	T3	N/A	T3
	EE 4.4 Percentage total electricity losses		T1	T1	N/A	T2
	EE4.5 Municipal electricity consumption per 10 000 of the population		T2	T3	N/A	T3

Environment & Waste

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
ENV1. Improved air quality	ENV1.1 Annual number of days with GOOD air quality		T3	T3	N/A	T3
		ENV1.11 Percentage of atmospheric emission licenses (AELs) processed within guideline timeframes	T3	T3	N/A	N/A
		ENV1.12 Percentage of AQ monitoring stations providing adequate data over a reporting year	T2	T2	N/A	N/A
		ENV1.13 Percentage of municipal AEL applications captured on the National Atmospheric Emissions Inventory System	T3	T3	N/A	N/A
	ENV 1.3 Percentage of households experiencing a problem with noise pollution		T1	T3	N/A	T3
ENV2. Minimised solid waste	ENV2.1 Tonnes of municipal solid waste sent to landfill per capita		T1	T3	T2	T3
	ENV2.2 Tonnes of municipal solid waste diverted from landfill per capita		T1	T3	T2	T3
	ENV 2.3 Total collected municipal solid waste per capita		T3	T3	T3	T3
ENV3. Increased access to refuse removal	ENV3.1 Percentage of households with basic refuse removal services or better		T1	T3	N/A	T3
		ENV 3.11 Percentage of recognised informal settlements receiving basic waste removal services	T1	T1	N/A	T2
	ENV 3.2 Percentage of scheduled waste collection service points experiencing collection delays of more than one day		T2	T3	N/A	T3

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
ENV4. Biodiversity is conserved and enhanced	ENV4.1 Ecosystem/vegetation type threat status		T4	T4	T4	T4
		ENV4.11 Percentage of biodiversity priority area within the municipality	T1	T1	T2	T2
	ENV4.2 Ecosystem/vegetation type protection level		T4	T4	T4	T4
		ENV4.21 Percentage of biodiversity priority areas protected	T1	T1	T2	T3
	ENV4.3 Wetland condition index		T4	T4	N/A	T4
		ENV4.31 Hectares of rehabilitated and maintained wetlands within the municipal area	T3	T3	N/A	T3
ENV5. Coastal and inland water resources maintained	ENV5.1 Recreational water quality (coastal)		T1	T1	T2	T2
		ENV5.11 Percentage of coastline with protection measures in place	T2	N/A	T4	N/A
		ENV5.12 Number of coastal water samples taken for monitoring purposes	T2	T3	T3	N/A
	ENV5.2 Recreational water quality (inland)		T3	T3	T3	T3
		ENV5.21 Number of inland water samples tested for monitoring purposes	T2	T3	T3	N/A
ENV7. Improved municipal health	ENV7.1 Incidence of gastroenteritis in an institution per 100 000 of the population		T3	N/A	T3	N/A
		ENV7.11 Percentage of all registered food premises inspected for compliance to relevant legislation	T3	N/A	T3	N/A

Financial Management

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
FM1. Enhanced municipal budgeting and budget implementation	FM1.1 Percentage of expenditure against total budget		T1	T1	T1	T1
		FM1.11 Total Capital Expenditure as a percentage of Total Capital Budget	T1	T1	T1	T1
		FM1.12 Total Operating Expenditure as a percentage of Total Operating Expenditure Budget	T1	T1	T1	T1
		FM1.13 Total Operating Revenue as a percentage of Total Operating Revenue Budget	T1	T1	T1	T1
		FM1.14 Service Charges and Property Rates Revenue as a percentage of Service Charges and Property Rates Revenue Budget	T1	T1	T1	T1
	FM1.2 Municipal budget assessed as funded (Y/N) (National)		T1	T1	T1	T1
		FM1.21 Funded budget (Y/N) (Municipal)	T1	T1	T1	T1
FM2. Improved financial sustainability and liability management	FM2.1 Percentage of total operating revenue to finance total debt		T1	T1	T1	T1
	FM2.2 Percentage change in cash backed reserves reconciliation		T1	T1	T1	T1
		FM2.21 Cash backed reserves reconciliation at year end		T1	T1	T1
FM3. Improved liquidity management	FM3.1 Percentage change in cash and cash equivalent (short term)		T1	T1	T1	T1
		FM3.11 Cash/Cost coverage ratio	T1	T1	T1	T1
		FM3.12 Current ratio (current assets/current liabilities)	T1	T1	T1	T1
		FM3.13 Trade payables to cash ratio	T1	T1	T1	T1
		FM3.14 Liquidity ratio	T1	T1	T1	T1

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
FM4. Improved expenditure management	FM4.1 Percentage change of unauthorised, irregular, fruitless and wasteful expenditure		T1	T1	T1	T1
		FM4.11 Irregular, Fruitless and Wasteful, Unauthorised Expenditure as a percentage of Total Operating Expenditure	T1	T1	T1	T1
	FM4.2 Percentage of total operating expenditure on remuneration		T1	T1	T1	T1
	FM4.3 Percentage of total operating expenditure on contracted services		T1	T1	T1	T1
	FM4.31 Creditors payment period	T1	T1	T1	T1	
FM5. Improved asset management	FM5.1 Percentage change of own funding (Internally generated funds + Borrowings) to fund capital expenditure		T1	T1	T1	T1
		FM5.11 Percentage of total capital expenditure funded from own funding (Internally generated funds + Borrowings)	T1	T1	T1	T1
		FM5.12 Percentage of total capital expenditure funded from capital conditional grants	T1	T1	T1	T1
	FM5.2 Percentage change of renewal/upgrading of existing Assets		T1	T1	T1	T1
		FM5.21 Percentage of total capital expenditure on renewal/upgrading of existing assets	T1	T1	T1	T1
		FM5.22 Renewal/Upgrading of Existing Assets as a percentage of Depreciation/Asset impairment	T1	T1	T1	T1
	FM5.3 Percentage change of repairs and maintenance of existing infrastructure		T1	T1	T1	T1
		FM5.31 Repairs and Maintenance as a percentage of property, plant, equipment and investment property	T1	T1	T1	T1
FM6. Improved supply chain management	FM6.1 Percentage change in the amount of irregular expenditure a result of SCM transgressions		T3	T3	T3	T3
		FM6.11 Turnaround time to make final award in terms of exemption from SCM Reg 4(3) and 29(2)	T3	T3	T3	T3

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
		FM6.12 Percentage of awarded tenders [over R200k], published on the municipality's website	T1	T1	T1	T1
		FM6.13 Percentage of tender cancellations	T1	T1	T1	T1
		FM6.14 Percentage of awards for high value / impact infrastructure projects (advertised v/s awards)	T3	T3	T3	T3
FM7. Improved revenue and debtors management	FM7.1 Percentage change in Gross Consumer Debtors' (Current and Non-current)		T1	T1	T1	T1
		FM7.11 Debtors payment period	T1	T1	T1	T1
		FM7.12 Collection rate ratio	T1	T1	T1	T1
	FM7.2 Percentage of Revenue Growth excluding capital grants		T1	T1	T1	T1
	FM7.3 Percentage of net operating surplus margin		T1	T1	T1	T1
		FM7.31 Net Surplus /Deficit Margin for Electricity	T1	T1	T1	T1
		FM7.32 Net Surplus /Deficit Margin for Water	T1	T1	T1	T1
		FM7.33 Net Surplus /Deficit Margin for Wastewater	T1	T1	T1	T1
		FM7.34 Net Surplus /Deficit Margin for Refuse	T1	T1	T1	T1
	FM7.4 Number of residential properties in the billing system as a percentage of residential properties in the valuation roll		T3	T3	N/A	T3
FM7.5 Number of non-residential properties in the billing system as a percentage of non-residential properties in the valuation roll		T3	T3	N/A	T3	

Fire and disaster services

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
FD1. Mitigated effects of fires and disasters	FD 1.1 Number of fire related deaths per 100 000 population		T2	T3	T3	T3
		FD 1.11 Percentage compliance with the required attendance time for structural firefighting incidents	T2	T2	T2	T2
	FD 1.2 Number of disaster and extreme weather-related deaths per 100 000 population		T2	T3	T3	T3
FD2. Reduced risk of fire and disaster vulnerability	FD2.1 Disaster Management Centre Readiness		T2	N/A	T2	N/A
	FD2.2- Fire Services function in accordance with prescribed requirements		T2	T2	T2	T2

Governance

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers				
			M	I	D	L	
GG1. Improved municipal capability	GG 1.1 Percentage of municipal skills development levy recovered		T1	T1	T2	T2	
	GG 1.2 Top Management Stability		T2	T2	T2	T2	
		GG 1.21 Staff vacancy rate		T1	T1	T2	T2
		GG1.22 Percentage of vacant posts filled within 6 months		T2	T2	T2	T2
GG2. Improved municipal responsiveness	GG 2.1 Percentage of ward committees that are functional (meet four times a year, are quorate, and have an action plan)		T2	T2	N/A	T2	
		GG 2.11 Percentage of ward committees with 6 or more ward committee members (excluding the ward councillor)		T2	T2	N/A	T2
		GG 2.12 Percentage of wards that have held a quarterly councillor-convened community meeting		T2	T2	N/A	T2
	GG 2.2 Attendance rate of municipal council meetings by participating leaders (recognised traditional and/or Khoi-San leaders)		T2	T2	T2	T2	
	GG2.3 Protest incidents reported per 10 000 population			T2	T2	T3	T4
		GG2.31 Percentage of official complaints responded to through the municipal complaint management system		T2	T2	T2	T2
GG3. Improved municipal administration	GG 3.1 Audit Opinion		T1	T2	T1	T1	
		GG 3.11 Number of repeat audit findings		T1	T1	T1	T1

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
		GG 3.12 Percentage of councillors who have declared their financial interests	T1	T1	T2	T2
		GG 3.13 Percentage of administrative staff who have declared their financial interests	T3	T3	T3	T3
GG4. Improved council functionality	GG 4.1 Percentage of councillors attending council meetings		T1	T1	T2	T2
	GG 4.2 Functionality of the Municipal Public Accounts Committee (MPAC)		T3	T3	T3	T3
GG5. Zero tolerance of fraud and corruption	GG 5.1 Number of alleged fraud and corruption cases reported per 100 000 population		T2	T3	T3	T3
		GG 5.11 Number of active suspensions longer than three months	T2	T2	T2	T2
	GG 5.2 Number of dismissals for fraud and corruption per 100 000 population		T3	T3	T3	T3
	GG 5.3 Number of convictions for fraud and corruption by city officials per 100 000 population		T3	T3	T3	T3

Housing & Community Facilities

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
HS1. Improved access to adequate housing	HS1.1 Percentage of households living in adequate housing		T1	T3	N/A	N/A
		HS1.11 Number of subsidised housing units constructed using various Human Settlements Programmes	T2	T3	N/A	N/A
		HS1.12 Number of serviced sites	T1	T1	N/A	N/A
		HS1.13 Hectares of land acquired for human settlements in the municipal area	T2	T3	N/A	T3
	HS1.2 Title deed backlog ratio		T3	T3	N/A	N/A
		HS1.21 Average number of days taken to register the title deed	T3	T3	N/A	N/A
		HS1.22 Number of title deeds registered to beneficiaries	T2	T3	N/A	N/A
	HS1.3 Percentage of informal settlements upgraded to Phase 3		T2	T3	N/A	N/A
		HS1.31 Number of informal settlements assessed (enumerated and classified)	T1	T1	N/A	N/A
		HS1.32 Number of informal settlements upgraded to Phase 2	T2	T3	N/A	N/A
HS2. Improved functionality of the residential property market	HS2.1 Percentage of property market transactions in the gap and affordable housing market range		T3	T3	N/A	N/A
		HS2.11 Number of FLISP opportunities in the affordable gap market	T3	T3	N/A	N/A
	HS2.2 Percentage of residential properties in the subsidy market		T2	T3	N/A	N/A

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
		HS2.21 Number of residential properties developed through state-subsidised human settlements programmes entering the municipal valuation roll	T2	T2	N/A	N/A
		HS2.22 Average number of days taken to process building applications of less than 500 square meters	T2	T2	N/A	N/A
	HS2.3 Percentage of households living in formal dwellings who rent		T1	T3	N/A	N/A
HS3. Increased access to and utilisation of social and community facilities	HS3.1 Percentage of dwellings with access to public open spaces		T3	T4	N/A	T4
	HS3.11 Percentage of expenditure on the operations and maintenance of neighbourhood parks and public outdoor spaces in poor and lower-middle income neighbourhoods		T3	T3	N/A	T3
	HS3.4 Percentage utilisation rate of sports fields		T3	T3	N/A	T3
	HS3.5 Percentage utilisation rate of community halls		T2	T2	N/A	T2
	HS3.6 Average number of library visits per library		T1	T1	N/A	T2
	HS3.7 Percentage of municipal cemetery plots available		T2	T2	N/A	T2

Local Economic Development

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
LED1. Growing inclusive local economies	LED1.1 Gross Value Added (GVA) by the municipality per capita		T3	T3	T3	T3
		LED1.11 Percentage of total municipal operating expenditure spent on contracted services physically residing within the municipal area	T1	T2	T2	T2
		LED1.2 Percentage change in the number of individuals in formal employment	T2	T3	T3	T3
		LED1.21 Number of work opportunities created by the municipality through Public Employment Programmes (incl. EPWP, CWP and other related employment programmes)	T2	T2	T2	T2
		LED 1.3 Percentage of the labour force classified as unskilled or low-skilled	T3	T3	T3	T3
		LED 1.31 Number of individuals connected to apprenticeships and learnerships through municipal interventions	T2	T3	T3	T3
		LED 1.4 Income per capita within the municipal area	T3	T3	T3	T3
	LED 1.5 Percentage of all qualifying households in the municipal area classified as indigent	T3	T3	T3	T3	
	LED1.6- Percentage change in the number of formal micro and small firms		T2	T3	T3	T3
	LED1.7 Employment rate in the municipal area		T3	T3	T3	T3
LED2. Improved levels of economic activity in	LED 2.1 Rates revenue as a percentage of the total revenue of the municipality		T2	T3	N/A	T3
		LED2.11 Percentage of budgeted rates revenue collected	T2	T3	N/A	T4

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
municipal economic spaces		LED 2.12 Percentage of the municipality's operating budget spent on indigent relief for free basic services	T1	T2	T2	T2
	LED 2.2 Rateable value of commercial and industrial property per capita		T2	T3	N/A	T3
	LED 2.3 Percentage of economic nodes in the municipality experiencing year on year growth		T3	T3	N/A	T3
	LED 2.31 Percentage of economic nodes within the municipality with urban management arrangements in place		T3	T3	N/A	N/A
	LED 2.32 Percentage of economic nodes within the municipality with transversal nodal development plans in place		T3	T3	N/A	N/A
LED3. Improved ease of doing business within the municipal area	LED3.1 Average cost to a business to apply for a construction permit with a municipality		T3	T3	N/A	T4
	LED3.11 Average time taken to finalise business license applications		T2	T2	N/A	T2
	LED 3.12 Average time taken to finalise informal trading permits		T2	T3	N/A	T3
	LED 3.13 Average number of days taken to process building application of 500 square meters or more		T2	T3	N/A	T3
	LED3.2 Average cost to transfer a property as a percentage of total property value		T3	T4	N/A	T4
	LED3.21 Percentage of revenue clearance certificates issued within 10 working days from the time of completed application received		T2	T3	N/A	T3
	LED 3.3 R-value of investment inflows		T3	T4	N/A	T4

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
		LED3.31 Average number of days from the point of advertising to the letter of award per 80/20 procurement process	T2	T2	T2	T2
		LED3.32 Percentage of municipal payments made to service providers who submitted complete forms within 30-days of invoice submission	T1	T2	T2	T2
	LED 3.4 Average change in the R-value of Commercial Property within the municipality		T3	T4	N/A	T4

Transport & Roads

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
TR2. Improved affordability of public transport	TR2.1 Percentage share of monthly income spent on public transport, for households using public transport		T3	T3	N/A	N/A
		TR2.11 Cost per passenger KM of municipal public transport	T3	T3	N/A	N/A
TR 4. Improved satisfaction with public transport services	TR4.1 Percentage of respondents indicating that they believe public transport to be "safe"		T3	T3	N/A	N/A
	TR4.2 Percentage of respondents indicating that they believe public transport to be "reliable"		T3	T3	NA	N/A
	TR4.21 Percentage of municipal bus services 'on time'		T2	T2	N/A	N/A
TR 5. Improved access to public	TR5.1 Percentage of households less than 10 minutes' walk from scheduled public transport		T3	T3	N/A	N/A

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers				
			M	I	D	L	
transport (incl. NMT)		TR5.11 Number of scheduled public transport access points added	T1	T1	T2	N/A	
	TR5.2 Percentage of dwelling units within 500m of scheduled public transport service		T3	T3	N/A	N/A	
	TR5.3 Percentage of persons with disability where access to public transport is problematic		T3	T3	T4	N/A	
		TR5.31 Percentage of scheduled municipal bus trips that are universally accessible		T2	T2	T4	N/A
	TR5.4 NMT paths as a percentage of the total municipal road network length		T3	T3	T4	T4	
		TR5.41 Length of NMT paths built		T3	T3	T4	T4
TR 6. Improved quality of municipal road network	TR6.1 Percentage of fatal crashes attributed to road and environmental factors		T3	T3	T3	T3	
		TR6.11 Percentage of unsurfaced road graded		T1	T1	T2	T2
		TR6.12 Percentage of surfaced municipal road lanes which has been resurfaced and resealed		T1	T1	T2	T2
	TR6.13 KMs of new municipal road network		T2	T2	T2	T2	
	TR 6.2 Number of potholes reported per 10kms of municipal road network		T2	T2	T2	T2	
		TR 6.21 Percentage of reported pothole complaints resolved within standard municipal response time		T2	T2	T2	T2
TR 7. Improved road safety	TR7.1 Road traffic fatalities per 100 000 population		T3	T3	T3	T3	
	TR7.2 Average number of fatalities per fatal crash		T3	T3	T3	T3	

Water & Sanitation

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
WS1. Improved access to sanitation	WS1.1 Percentage of households with access to basic sanitation		T1	T3	T3	T3
		WS1.11 Number of new sewer connections meeting minimum standards	T1	T1	T1	T1
WS2. Improved access to water	WS2.1 Percentage of households with access to basic water supply		T1	T3	T3	T3
		WS2.11 Number of new water connections meeting minimum standards	T1	T1	T1	T1
WS3. Improved quality of water and sanitation services	WS3.1 Frequency of sewer blockages per 100 KMs of pipeline		T1	T1	T2	T2
		WS3.11 Percentage of callouts responded to within 48 hours (sanitation/wastewater)	T2	T2	T2	T2
	WS3.2 Frequency of water mains failures per 100 KMs of pipeline		T1	T1	T2	T2
		WS3.21 Percentage of callouts responded to within 48 hours (water)	T2	T2	T2	T2
	WS3.3 Frequency of unplanned water service interruptions		T1	T1	T2	T2
	WS3.4 Percentage of customers satisfied with water and sanitation services		T4	T4	T4	T4
WS4. Improved quality of water (incl. wastewater)	WS4.1 Percentage of drinking water samples complying to SANS241		T1	T1	T2	T2
		WS4.11 Percentage of water treatment capacity unused	T2	T3	T3	T3

Outcome	Outcome Indicators	Output Indicators	Readiness Tiers			
			M	I	D	L
	WS4.2 Percentage of wastewater samples compliant to water use license conditions		T1	T1	T2	T2
		WS4.21 Percentage of industries with trade effluent inspected for compliance	T2	T3	T3	T3
		WS4.22 Percentage of wastewater safely treated	T3	T3	T3	T3
	WS4.3 Percentage of wastewater effluent volume complying with license conditions (weighted by flows by plant)		T3	T3	T3	T3
		WS4.31 Percentage of wastewater treatment capacity unused	T2	T3	T3	T3
	WS4.4 Green drop score		T3	T3	T3	T3
	WS4.5 Blue drop score		T3	T3	T3	T3
WS5. Improved water sustainability	WS5.1 Percentage non-revenue water		T1	T1	T2	T2
	WS5.2 Total water losses		T1	T1	T2	T2
		WS5.21 Infrastructure leakage index	T2	T3	T3	T3
	WS5.3 Total per capita consumption of water		T1	T3	T3	T3
		WS5.31 Percentage of total water connections metered	T1	T1	T2	T2
	WS5.4 Percentage of water reused		T2	T2	T2	T2

Compliance indicators and questions

1.1 Compliance indicators

The following indicators are for planning and reporting for compliance purposes. No target setting is required for these indicators or questions. Please refer to the full TIDs for more information on their rationale, frequency of reporting and categorical application.

Number	Compliance indicators	Indicator application			
		M	I	D	L
C1 (GG)	Number of signed performance agreements by the MM and section 56 managers:	Y	Y	Y	Y
C2 (GG)	Number of Executive Committee or Mayoral Executive meetings held	Y	Y	Y	Y
C3 (GG)	Number of Council portfolio committee meetings held	Y	Y	Y	Y
C4 (GG)	Number of MPAC meetings held	Y	Y	Y	Y
C5 (GG)	Number of recognised traditional leaders within your municipal boundary	Y	Y	Y	Y
C6 (GG)	Number of formal (minuted) meetings between the Mayor, Speaker and MM were held to deal with municipal matters	Y	Y	Y	Y
C7 (GG)	Number of formal (minuted) meetings - to which all senior managers were invited- held	Y	Y	Y	Y
C8 (GG)	Number of councillors completed training	Y	Y	Y	Y
C9 (GG)	Number of municipal officials completed training	Y	Y	Y	Y
C10 (GG)	Number of work stoppages occurring	Y	Y	Y	Y
C11 (GG)	Number of litigation cases instituted by the municipality	Y	Y	Y	Y
C12 (GG)	Number of litigation cases instituted against the municipality	Y	Y	Y	Y
C13 (GG)	Number of forensic investigations instituted	Y	Y	Y	Y
C14 (GG)	Number of forensic investigations concluded	Y	Y	Y	Y
C15 (GG)	Number of days of sick leave taken by employees	Y	Y	Y	Y
C16 (GG)	Number of permanent employees employed	N	N	N	N
C17 (GG)	Number of temporary employees employed	Y	Y	Y	Y
C18 (GG)	Number of approved demonstrations in the municipal area	Y	Y	Y	Y
C19 (GG)	Number of recognised traditional and Khoi-San leaders in attendance (sum of) at all council meetings	Y	Y	Y	Y
C20 (ENV)	Number of permanent environmental health practitioners employed by the municipality	Y	Y	Y	Y

Number	Compliance indicators	Indicator application			
		M	I	D	L
C21 (ENV)	Number of approved environmental health practitioner posts in the municipality	Y	Y	Y	Y
C22 (GG)	Number of Council meetings held	Y	Y	Y	Y
C23 (GG)	Number of disciplinary cases for misconduct relating to fraud and corruption	Y	Y	Y	Y
C24 (GG)	Number of council meetings disrupted	Y	Y	Y	Y
C25 (GG)	Number of protests reported	Y	Y	Y	Y
C26 (GG)	R-value of all tenders awarded	Y	Y	Y	Y
C27 (GG)	Number of all awards made in terms of Section 36 of the MFMA Municipal Supply Chain Management Regulations	Y	Y	Y	Y
C28 (GG)	R-value of all awards made in terms of Section 36 of the MFMA Municipal Supply Chain Management Regulations	Y	Y	Y	Y
C29 (GG)	Number of approved applications for rezoning a property for commercial purposes	Y	Y	Y	Y
C30 (GG)	Number of business licenses approved	N	Y	N	Y
C31 (GG)	Number of approved posts in the municipality with regard to municipal infrastructure:	N	Y	Y	Y
C32 (GG)	Number of positions filled with regard to municipal infrastructure	N	Y	Y	Y
C33 (GG)	Number of tenders over R200 000 awarded	N	Y	Y	Y
C34 (GG)	Number of months the Municipal Managers' position has been filled (not Acting)	N	Y	Y	Y
C35 (GG)	Number of months the Chief Financial Officers' position has been filled (not Acting)	N	Y	Y	Y
C36 (GG)	Number of vacant posts of senior managers	N	Y	Y	Y
C37 (GG)	Number of approved posts in the treasury and budget office	N	Y	Y	Y
C38 (GG)	Number of filled posts in the treasury and budget office	N	Y	Y	Y
C39 (GG)	Number of approved posts in the development and planning department	N	Y	Y	Y
C40 (GG)	Number of filled posts in the development and planning department	N	Y	Y	Y
C41 (GG)	Number of approved engineer posts in the municipality	Y	Y	Y	Y
C42 (GG)	Number of registered engineers employed in approved posts	Y	Y	Y	Y
C43 (GG)	Number of engineers employed in approved posts	Y	Y	Y	Y
C44 (GG)	Number of disciplinary cases in the municipality	Y	Y	Y	Y
C45 (GG)	Number of finalised disciplinary cases	Y	Y	Y	Y
C46 (ENV)	Number of approved waste management posts in the municipality	Y	Y	Y	Y
C47 (ENV)	Number of waste management posts filled	Y	Y	Y	Y

Number	Compliance indicators	Indicator application			
		M	I	D	L
C48 (EE)	Number of approved electrician posts in the municipality	N	Y	Y	Y
C49 (EE)	Number of electricians employed in approved posts	N	Y	Y	Y
C50 (WS)	Number of approved water and wastewater management posts in the municipality	N	Y	Y	Y
C51 (WS)	Number of filled water and wastewater management posts	N	Y	Y	Y
C52 (HS)	Number of maintained sports facilities	Y	Y	Y	Y
C53 (HS)	Square meters of maintained public outdoor recreation space	Y	Y	Y	Y
C54 (HS)	Number of municipality-owned community halls	Y	Y	Y	Y
C55(HS)	Number of housing recipients issued with title deeds	Y	N	N	N
C56 (EE)	Number of customers provided with an alternative energy supply (e.g. LPG or paraffin or biogel according to supply level standards)	N	Y	N	Y
C57 (EE)	Number of registered electricity consumers with an embedded generation system	Y	Y	N	Y
C58 (EE)	Total non-technical electricity losses in MWh (estimate)	Y	Y	N	Y
C59 (EE)	Number of municipal buildings that consume renewable energy	Y	Y	Y	Y
C60(WS)	Total number of sewer connections	Y	Y	Y	Y
C61 (WS)	Total number of chemical toilets in operation	Y	Y	Y	Y
C62 (WS)	Total number of Ventilation Improved Pit Toilets (VIPs)	Y	Y	Y	Y
C63 (WS)	Total volume of water delivered by water trucks	Y	Y	Y	Y
C64 (TR)	R-value of all direct municipal vehicle operational costs for public transport	Y	Y	N	N
C65 (TR)	Total number of scheduled public transport access points	Y	Y	N	N
C66 (TR)	Number of passenger trips on scheduled municipal bus services	Y	Y	N	N
C67 (FD)	Number of paid full-time firefighters employed by the municipality	Y	Y	Y	Y
C68 (FD)	Number of part-time and firefighter reservists in the service of the municipality	N	Y	Y	Y
C69 (FD)	Number of 'displaced persons' to whom the municipality delivered assistance	Y	Y	Y	Y
C70 (FD)	Number of volunteer responders in the service of the municipality	N	N	Y	N
C71 (LED)	Number of procurement processes where disputes were raised	Y	Y	Y	Y
C72 (FD)	Date of the last municipal Disaster Management Plan tabled at Council	Y	N	Y	N
C73 (FD)	Number of structural fires occurring in informal settlements	Y	Y	Y	Y
C74 (FD)	Number of dwellings in informal settlements affected by structural fires (estimate)	Y	Y	Y	Y

Number	Compliance indicators	Indicator application			
		M	I	D	L
C75 (FD)	Number of people displaced within the municipal area	Y	N	Y	N
C76 (LED)	Number of SMMEs and informal businesses benefitting from municipal digitisation support programmes rolled out directly or in partnership with other stakeholders	Y	Y	Y	Y
C77 (LED)	B-BBEE Procurement Spend on Empowering Suppliers that are at least 51% black owned based	Y	Y	Y	Y
C78 (LED)	B-BBEE Procurement Spend on Empowering Suppliers that are at least 30% black women owned	Y	Y	Y	Y
C79 (LED)	B-BBEE Procurement Spend from all Empowering Suppliers based on the B-BBEE Procurement	Y	Y	Y	Y
C80 (LED)	Date of the last Council adopted Development Charges policy	Y	Y	N	N
C81 (LED)	Number of new business license applications	Y	Y	N	N
C82 (LED)	Value of Commercial Projects Constructed by adding all of the estimated costs of construction values on building permits	Y	Y	N	N
C83 (LED)	Number of building plans approved after first review	Y	Y	N	N
C84(LED)	Number of building plans submitted for review	Y	Y	N	Y
C85(LED)	Number of business licenses renewed	Y	Y	N	N
C86 (LED)	Number of households in the municipal area registered as indigent	Y	Y	Y	Y
C87 (LED)	Number of firms in the formal sector split across 1-digit SIC codes	Y	N	N	N
C88 (LED)	Number of businesses registered with the South African Revenue Service within the municipal area	Y	N	N	N
C89 (GG)	Number of meetings of the Executive or Mayoral Committee postponed due to lack of quorum	Y	Y	Y	Y
C90 (ENV)	Date of the last Climate Change Needs and Response Assessment tabled at Council	Y	N	Y	N
C91 (ENV)	Date of the last Climate Change Response Implementation Plan tabled at Council	Y	N	Y	N
C92 (GG)	Number of agenda items deferred to the next council meeting	Y	Y	Y	Y
C93 (FM)	Number of awards made in terms of SCM Reg 32	Y	Y	Y	Y
C94 (FM)	Number of requests approved for deviation from approved procurement plan	Y	Y	Y	Y
C95 (FM)	Number of residential properties in the billing system	Y	Y	Y	Y
C96 (FM)	Number of non-residential properties in the billing system	Y	Y	Y	Y
C97 (FM)	Number of properties in the valuation roll	Y	Y	N	Y
C98 (LED)	Number of building plan applications approved	Y	Y	N	Y
C99 (EE)	Number of electricity connection applications received	Y	Y	N	Y
C100 (GG)	Quarterly salary bill of suspended officials	Y	Y	Y	Y

Number	Compliance indicators	Indicator application			
		M	I	D	L
C101(GG)	Number of dismissals for fraud and corruption	Y	Y	Y	Y
C102(ENV)	Number of incidents of improper disposal of medical waste responded to by the municipality	Y	Y	Y	Y
C103(ENV)	Number of notifiable medical condition investigations following the prescribed protocols	Y	Y	Y	Y
C104(ENV)	Number of foodborne disease outbreak investigations following the prescribed protocols	Y	Y	Y	Y

1.2 Compliance questions

The following are compliance questions requiring a periodic response from municipalities in open-text format.

No.	Compliance questions	Category of application			
		M	I	D	L
Q1.	Does the municipality have an approved Performance Management Framework?	N	Y	Y	Y
Q2.	Has the IDP been adopted by Council by the target date?	Y	Y	Y	Y
Q3.	Does the municipality have an approved LED Strategy?	N	Y	Y	Y
Q4.	What are the main causes of work stoppage in the past quarter by type of stoppage?	Y	Y	Y	Y
Q5.	How many public meetings were held in the last quarter at which the Mayor or members of the Mayoral/Executive committee provided a report back to the public?	Y	Y	Y	Y
Q6.	When was the last scientifically representative community feedback survey undertaken in the municipality?	Y	Y	Y	Y
Q7.	What are the biggest causes of complaints or dissatisfaction from the community feedback survey? Indicate the top four issues in order of priority.	Y	Y	Y	Y
Q8.	Please list the locality, date and cause of each incident of protest within the municipal area during the reporting period:	N	Y	N	Y
Q9.	Does the municipality have an Internal Audit Unit?	N	Y	Y	Y
Q10.	Is there a dedicated position responsible for internal audits?	N	Y	Y	Y
Q11.	Is the internal audit position filled or vacant?	N	Y	Y	Y
Q12.	Has an Audit Committee been established? If so, is it functional?	N	Y	Y	Y
Q13.	Has the internal audit plan been approved by the Audit Committee?	N	Y	Y	Y
Q14.	Has an Internal Audit Charter and Audit Committee charter been approved and adopted?	N	Y	Y	Y
Q15.	Does the internal audit plan set monthly targets?	N	Y	Y	Y
Q16.	How many monthly targets in the internal audit plan were not achieved?	N	Y	Y	Y
Q17.	Does the Municipality have a dedicated SMME support unit or facility in place either directly or in partnership with a relevant role-player?	Y	Y	Y	Y
Q18.	What economic incentive policies adopted by Council does the municipality have by date of adoption?	Y	Y	Y	Y
Q19.	Is the municipal supplier database aligned with the Central Supplier Database?	Y	Y	Y	Y

No.	Compliance questions	Category of application			
		M	I	D	L
Q20.	What is the number of steps a business must comply with when applying for a construction permit before final document is received?	Y	Y	N	Y
Q21.	What is the organisational location of the disaster risk management function within your municipality? (Specify the placement and highest level filled post within it).	Y	N	Y	N
Q22	Please list the name of the structure and date of every meeting of an official IGR structure that the municipality participated in this quarter:	Y	Y	Y	Y
Q23.	Where is the organisational responsibility for the IGR support function located within the municipality (inclusive of the reporting line)?	Y	Y	Y	Y
Q24.	Is the MPAC functional? List the reasons why if the answer is not 'Yes'.	Y	Y	Y	Y
Q25.	Has a report by the Executive Committee on all decisions it has taken been submitted to Council this financial year?	Y	Y	Y	Y
Q26.	Does the municipality have any arrangement (e.g. Service Level Agreement or otherwise) with another organ of state for the provision of municipal health services within the municipal jurisdiction? If so, please list the names of the applicable organs of state.	N	N	Y	N