

## City transformational indicators summary table

The following is a set of city transformational indicators agreed for inclusion in metropolitan Built Environment Performance Plans (BEPPs) as per the National Treasury Guidance Note for the BEPP 2018/19-2020/21. Note that for each indicator a complete Technical Indicator Description is available providing a rationale, definition and calculation details.

Outcome	Integrated Outcome Indicator	Comments
T1. Targeted investments in integration zones	WG13. Percentage change in the value of properties in Integration Zones	
	CC2. Number of land use applications processed in integration zones as a percentage of the total number of land use applications submitted city-wide	
	CC3. Number of building plan applications processed in integration zones as a percentage of the total number of building plan applications city-wide.	
	PC4. Commercial and industrial rateable value within integration zone for a single metro as a % of overall commercial and industrial rateable value for that same metro.	
T2. Reduction in urban sprawl	CC1. Hectares approved for future development outside the 2015 urban edge as a percentage of Hectares allocated for future development as defined by the 2015 MSDF	
T3. New housing options with social diversity	IC1. New subsidised units developed in Brownfields developments as a percentage of all new subsidised units city-wide	
	IC2. Gross residential unit density per hectare within integration zones	
	IC3. Ratio of housing types in integration zones	
	IC4. Ratio of housing tenure status in integration zones	
	IC5. Ratio of land use types (residential, commercial, retail, industrial) in integration zones	
	IC6. % households accessing subsidy units in integration zones that come from informal settlements	
T4. Affordable and efficient public transport services	IC7. Number of all dwelling units within Integration Zones that are within 800 metres of access points to the integrated public transport system as a percentage of all dwelling units within Integration Zones	
	IC8. Percentage share of household income spent on transport costs for different household income quintiles city-wide	
	IC9. Capital expenditure on integrated public transport networks as a percentage of the municipal capital expenditure	
	IC11a. % learners travelling for longer than 30 minutes to an education institution	
	IC11b. % of workers travelling for longer than 30 minutes to their place of work	

## Reporting reforms sector indicators summary tables

The following is a set of indicators separated per sector, as adopted by the Reporting Reforms Steering Committee with institutional representation from National Treasury, COGTA, DPME, Auditor-General, StatsSA, SACN and SALGA. Note that for each indicator a complete Technical Indicator Description is available.

All those indicators deemed to be at readiness level Tier 3 or 4 are highlighted in Yellow to indicate that they are not yet prescribed indicators but that metropolitan municipalities should begin reporting on these indicators if they are able to do so.

### Energy & Electricity

Outcome	Outcome Indicators	Output Indicators	Comments
EE1. Improved access to electricity	EE1.1. Percentage of households with access to electricity	EE1.11 Number of dwellings provided with connections to the mains electricity supply by the municipality	
		EE 1.12 Number of dwellings provided with connections to the mains supply by Eskom within municipal jurisdiction	
EE2. Improved affordability of electricity	EE2.1 Households receiving Free Basic Electricity as a percentage of all households with electricity connections	EE2.11 FBE provision levels as a percentage of total residential electricity provision (in terms of MWh)	
	EE2.2 Percentage of low-income households that spend more than 10% of their monthly income on electricity		
EE3. Improved reliability of electricity service	EE3.1 System Average Interruption Duration Index	EE3.11 Percentage of unplanned outages that are restored to supply within industry standard timeframes	
	EE3.2 Customer Average Interruption Duration Index		
	EE3.3 System Average Interruption Frequency Index	EE3.21 Percentage of Planned Maintenance Performed	
	EE3.4 Customer Average Interruption Frequency Index		

Outcome	Outcome Indicators	Output Indicators	Comments
EE4. Improved energy sustainability	EE4.1 Renewable energy capacity available within the municipal jurisdiction as a percentage of Eskom supply capacity to the municipality	EE4.11 Total renewable energy capacity available through IPPs	
		EE4.12 Installed capacity of embedded generators on the municipal distribution network	
	EE4.2 Electricity usage per capita	NO OUTPUT INDICATOR PROPOSED	
	EE4.3 Road transport fuel usage per capita	NO OUTPUT INDICATOR PROPOSED	
	EE 4.4 Percentage total electricity losses	NO OUTPUT INDICATOR PROPOSED	

## Environment and Waste

Outcome	Outcome Indicators	Output Indicators	Comments
ENV1. Improved air quality	ENV1.1 Metropolitan Air Quality Index (MAQI)	ENV1.11 Percentage of atmospheric emission licenses (AELs) processed within guideline timeframes	
	ENV 1.2 Number of days where PM2.5 levels exceeded guideline levels	ENV1.12 Proportion of AQ monitoring stations providing adequate data over a reporting year	
		ENV1.13 Proportion of municipal AEL applications captured on the National Atmospheric Emissions Inventory System	
	ENV 1.3 Percentage of households experiencing a problem with noise pollution	NO OUTPUT INDICATOR PROPOSED	
ENV2. Minimised solid waste	ENV2.1 Tonnes of municipal solid waste sent to landfill per capita	NO OUTPUT INDICATOR PROPOSED	
	ENV2.2 Tonnes of municipal solid waste diverted from landfill per capita	NO OUTPUT INDICATOR PROPOSED	
	ENV 2.3 Total collected municipal solid waste per capita	NO OUTPUT INDICATOR PROPOSED	
ENV3. Increased access to refuse removal	ENV3.1 Percentage of households with basic refuse removal services or better	ENV 3.11 Percentage of known informal settlements receiving integrated waste handling services	
	ENV 3.2 Waste removal complaints due to non-collection as a percentage of total consumer units/billed accounts	NO OUTPUT INDICATOR PROPOSED	
ENV4. Biodiversity is conserved and enhanced	ENV4.1 Ecosystem/vegetation type threat status	ENV4.11 Percentage of biodiversity priority area within the metro	
	ENV4.2 Ecosystem/vegetation type protection level	ENV4.21 Proportion of biodiversity priority areas protected	
	ENV4.3 Wetland condition index	NO OUTPUT INDICATOR PROPOSED	
ENV5. Coastal resources maintained and amenities improved	ENV5.1 Recreational water quality	NO OUTPUT INDICATOR PROPOSED	

<b>Outcome</b>	<b>Outcome Indicators</b>	<b>Output Indicators</b>	<b>Comments</b>
ENV 6. Climate change mitigated and adapted to	ENV6.1 GHG emissions per capita	NO OUTPUT INDICATOR PROPOSED	

## Housing and Community Facilities

Outcome	Outcome Indicators	Output Indicators	Comment
HS1. Improved access to adequate housing (incl. security of tenure)	HS1.1 Percentage of households living in adequate housing	HS1.11 Number of subsidised housing units completed	
	HS1.2 Title deed backlog ratio	HS1.12 Number of formal sites serviced	
	HS1.3 Percentage of households in informal settlements targeted for upgrading	HS1.21 Average number of days taken to register the title deed (subsidised stands and units)	
		HS1.31 Number of informal settlements enumerated and classified (in terms of NUSP or equivalent classification)	
HS2. Improved functionality of the property market	HS2.1 Percentage of property market transactions in the gap and affordable housing -market range	NO OUTPUT INDICATOR PROPOSED	
	HS2.2 Rateable residential properties as a percentage of total households in the municipality	HS1.32 Percentage of informal settlements using a participatory approach to planning or implementing upgrading	
		HS2.21 Number of rateable residential properties in the subsidy housing market entering the municipal valuation roll	
	HS2.22 Average number of days taken to process building plan applications		
HS2.3 Percentage of households living in formal dwellings who rent	NO OUTPUT INDICATOR PROPOSED		
HS3. Increased access to and utilisation of social and community facilities	HS 3.1 Square meters of municipally owned or maintained public outdoor recreation space per capita	NO OUTPUT INDICATOR PROPOSED	
	HS 3.2 Number of community halls per 100 000 population	NO OUTPUT INDICATOR PROPOSED	
	HS 3.3 Number of public libraries per 100 000 population	NO OUTPUT INDICATOR PROPOSED	
	HS3.4 Percentage utilisation rate of sports fields	NO OUTPUT INDICATOR PROPOSED	
	HS 3.5 Percentage utilisation rate of community halls	NO OUTPUT INDICATOR PROPOSED	

<b>Outcome</b>	<b>Outcome Indicators</b>	<b>Output Indicators</b>	<b>Comment</b>
	HS 3.6 Average number of library visits per library	NO OUTPUT INDICATOR PROPOSED	

## Transport and Roads

Outcome	Outcome Indicators	Output Indicators	Comment
TR1. Modal shift of weekday trips (incl. education trips) from private to public transport and NMT	TR1.1 Percentage of dwelling units within 500m of scheduled public transport service	TR1.11 Non-residential development approved within 500m of scheduled public transport service, by internal floor space  TR1.12 Number of operational public transport access points added	
	TR1.2 NMT paths and lanes as a percentage of the total municipal road network length	TR1.21 Length of NMT paths built	
	TR1.3 Percentage of commuters (city-wide) using private motorised transport		
TR2. Improved affordability of public transport	TR2.1 Percentage share of monthly household income spent on public transport, for households using public transport	NO OUTPUT INDICATOR PROPOSED	
TR3. Reduced travel time	TR3.1 Average public transport commuting time	TR3.11 Number of weekday scheduled municipal bus passenger trips	
	TR3.2 Average private transport commuting time		
TR 4. Improved satisfaction with public transport services	TR4.1 Percentage of public transport users indicating that they believe public transport to be "safe"	NO OUTPUT INDICATOR PROPOSED	
	TR4.2 Percentage of public transport users indicating that they believe public transport to be "reliable"	TR4.21 Percentage of scheduled municipal bus services 'on time'	
TR 5 Improved access to public transport (incl. NMT)	TR5.1 Percentage of households less than 10 minutes' walk from closest public transport access point	NO OUTPUT INDICATOR PROPOSED	
	TR5.2 Percentage of persons with disability where access to public transport is difficult	TR5.21 Percentage of scheduled municipal buses that are low-entry	



Outcome	Outcome Indicators	Output Indicators	Comment
TR 6. Improved quality of municipal road network	TR6.1 Percentage of fatal crashes attributed to road and environmental factors	TR6.11 Percentage of unsurfaced road graded TR6.12 Percentage of surfaced municipal road lanes which has been resurfaced and resealed	
TR 7. Improved road safety	TR7.1 Road traffic fatalities per 100,000 population	NO OUTPUT INDICATOR PROPOSED	
	T7.2 Average number of fatalities per fatal crash		

## Water and Sanitation

Outcome	Outcome Indicators	Output Indicators	Comments
WS1. Improved access to sanitation	WS1.1 Percentage of households with access to basic sanitation	WS1.11 Number of new sewer connections meeting minimum standards	
WS2. Improved access to water	WS2.1 Percentage of households with access to basic water supply	WS2.11 Number of new water connections meeting minimum	
WS3. Improved quality of water and sanitation services (revised from continuity of services)	WS3.1 Frequency of sewer blockages	WS3.11 Percentage of Complaints/Callouts responded to within 24 hours (sanitation/wastewater)	
	WS3.2 Frequency of mains failures	WS3.21 Percentage of Complaints/Callouts responded to within 24 hours (water)	
	WS3.3 Frequency of unplanned water service interruptions	NO OUTPUT INDICATOR PROPOSED	
WS4. Improved quality of water (incl. wastewater)	WS4.1 Percentage of Drinking Water Compliance to SANS241	NO OUTPUT INDICATOR PROPOSED	
	WS4.2 Wastewater quality compliance according to the water use license	WS4.21 Percentage of industries with trade effluent inspected for compliance	
		WS4.22 Percentage of wastewater safely treated	
WS5. Improved water sustainability	WS5.1 Percentage of non-revenue water	NO OUTPUT INDICATOR PROPOSED	
	WS5.2 Total water losses	NO OUTPUT INDICATOR PROPOSED	
	WS5.3 Total per capita consumption of water	WS5.31 Water connections metered as a percentage of total connections	
	WS5.4 Percentage water reused	NO OUTPUT INDICATOR PROPOSED	

## Fire and emergency services

Outcome	Outcome Indicators	Output Indicators	Comments
FE1. Mitigated effects of emergencies	FE 1.1 Number of fire related deaths per 1000 population	FE 1.11 Percentage compliance with the required attendance time for structural firefighting incidents  FE 1.12 Number of full time firefighters per 1000 population	
	FE 1.2 Number of natural disaster related deaths per 1000 population	FE 1.21 Number of reservists and volunteer responders per 1000 population	

## Governance

Outcome	Outcome Indicators	Output Indicators	Comment
GG1. Improved municipal capability	GG 1.1 Percentage of municipal skills development levy recovered	NO OUTPUT INDICATOR PROPOSED	
	GG 1.2 Top Management Stability (% of days in a year that all S56 positions are filled by full-time, appointed staff not in an acting capacity, see TID for detail)	GG 1.21 Staff vacancy rate	
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)	GG 2.11 Percentage of ward committees with 6 or more ward committee members (excluding the ward councillor)	
		GG 2.12 Average number of councillor-convened community meetings per ward	
	GG 2.2 Attendance rate of municipal council meetings by all identified Traditional Leaders	NO OUTPUT INDICATOR PROPOSED	

Outcome	Outcome Indicators	Output Indicators	Comment
GG3. More effective city administration	GG 3.1 Audit Opinion	GG 3.11 Number of repeat audit findings  GG 3.12 Percentage of councillors who have declared their financial interests  GG 3.13 Percentage of administrative staff who have declared their financial interests	
GG4. Improved council functionality	GG 4.1 Average percentage of councillors attending council meetings  GG 4.2 Functionality of prescribed municipal structures (as defined in Municipal Structures Act 117 of 1998)	GG 4.11 Number of agenda items deferred to the next council meeting	
GG5. Zero tolerance of fraud and corruption	GG 5.1 Number of alleged fraud and corruption cases reported per 100 000 population  GG 5.2 Number of dismissals for fraud and corruption per 100 000 population  GG 5.3 Number of convictions for bribery and/or corruption by city officials per 100 000 population	GG 5.11 Number of active suspensions longer than three months  GG 5.12 Quarterly salary bill of suspended officials	
GG6. More effective poverty alleviation	GG 6.1 Percentage of all qualifying households in the municipal area classified as indigent	GG 6.11 Percentage of the municipality's operating budget spent on free basic services to indigent households  GG 6.12 Number of work opportunities created through EPWP, CWP and other related infrastructure programmes	

## Additional governance information required

The following indicators and questions are included as part of governance information required by the Department of Cooperative Governance.

No.	Additional indicators	Comment
C1.	Number of signed performance agreements by the MM and section 56 managers:	
C2.	Number of Exco or Mayoral Executive meetings held in this quarter:	
C3.	Number of Council portfolio committee meetings held in this quarter:	
C4.	Number of MPAC meetings held in this quarter:	
C5.	Number of traditional councils within your municipal boundary:	
C6.	Number of formal (minuted) meetings between the Mayor, Speaker, Chief Whip and MM were held in the quarter to deal with municipal matters:	
C7.	Number of formal (minuted) meetings - to which all senior managers were invited- held in the quarter:	
C8.	Number of councillors completed training in this quarter:	
C9.	Number of municipal officials completed training in this quarter:	
C10.	Number of work stoppages occurring in the quarter:	
C11.	Number of litigation cases instituted by the municipality in the quarter:	
C12.	Number of litigation cases instituted against the municipality in the quarter:	
C13.	Number of forensic investigations instituted in the quarter:	
C14.	Number of forensic investigations conducted in the quarter:	
C15.	Number of days of sick leave taken by employees in the quarter:	
C16.	Number of permanent employees employed at the end of the quarter:	
C17.	Number of temporary employees employed at the end of the quarter:	

No.	Additional questions	Comment
Q1.	Does the municipality have an approved Performance Management Framework?	
Q2.	Has the IDP been adopted by Council by the target date?	
Q3.	Does the municipality have an approved LED Strategy?	
Q4.	What are the main causes of work stoppage in the past quarter by type of stoppage?	