



URBAN RESILIENCE

AND

LOCALISED

SUSTAINABLE

DEVELOPMENT

GOALS

CITY OF MELBOURNE

AND INTERNATIONAL CASE STUDIES

SUPPORTING DOCUMENT



Melbourne Centre  
for Cities

Supporting document:  
Assessment of the City of Melbourne targets and indicator suite for inclusion of resilience qualities

Goal	Localised Target	Indicator	Resilience quality(ies) related to each indicator	
1 No Poverty	1.2 By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty within the City of Melbourne in all its dimensions according to national definitions	Proportion of population living below the national poverty line	robust, spare capacity	
		Proportion of low income, welfare-dependent families with children	robust, spare capacity	
	1.3 Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable	<i>Refer to 10.4 for fiscal and social protection indicators</i>		
		<i>Refer to 10.1 for economic equality indicators</i>		
	1.4 By 2030, ensure that all men and women, in particular people experiencing socioeconomic disadvantage and vulnerability, have equal rights to economic resources and housing, including access to basic and financial services	Index of Relative Socio-Economic Advantage and Disadvantage (IRSAD SEIFA) score*		inclusive
		Index of Relative Socio-Economic Advantage and Disadvantage (IRSAD SEIFA) rank within Australia		inclusive
Index of Economic Resources (IER) score		inclusive		
Index of Economic Resources (IER) rank within Australia		inclusive		
1.5 By 2030, build the resilience of people in the City of Melbourne experiencing socioeconomic disadvantage and in vulnerable situations, and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters	<i>Refer to 11.5 for shock and disaster impact indicators</i>			
2 Zero Hunger	2.1 By 2030, end food stress and ensure access by all people, in particular people experiencing socio-economic disadvantage and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round	<b>Council Plan (Access and Affordability): Proportion of residents reporting food insecurity*</b>	robust, spare capacity	
		Residents food security - worried food would run out*	robust, spare capacity	
		Residents food security - skipped meals*	robust, spare capacity	
		Residents food security - ran out of food*	robust, spare capacity	
	2.2 By 2030, end all forms of malnutrition and address the nutritional needs of children under 5 years of age, and address the nutritional needs of pregnant and lactating women	Fully or Partially Breast Feeding at 3 months	robust?	
		Fully or Partially Breast Feeding at 6 months	robust?	
2.5 Support sustainable and resilient urban agriculture efforts, including those that draw on traditional knowledge	Residents produced and/or preserved and consumed own food*		diverse	

<b>3 Good Health &amp; Wellbeing</b>	3.1 By 2030, reduce the municipal maternal mortality ratio to less than the Australian average of any given year	Maternal mortality ratio per 100,000 births (includes non-residents)	Robust. Also an outcome of resilience
		Number of nursing and midwifery personnel per 100,000 population	robust?
	3.2 By 2030, reduce preventable deaths of newborns and children under 5 years of age, to at least as low as the Australian average	Under five years old mortality rate	Robust. Also an outcome of resilience
		Proportion of children attending through to 3.5 year ages maternal child healthcare appointments	robust, inclusive
		The proportion of children who are fully vaccinated between 12-15 months old	robust
		The proportion of children who are fully vaccinated between 24-27 months old	robust
		The proportion of children who are fully vaccinated between 60-63 months old	robust
	3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases	Infectious diseases events*	robust
		Rate of HIV notifications	robust
		Rate of Tuberculosis notifications	robust
		Rate of Malaria notifications	robust
		Rate of Hepatitis B notifications	robust
	3.4 By 2030, reduce premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being	Median age at death	Robust. Also an outcome of resilience
		Percentage of premature deaths of all deaths (under age 75)	Robust. Also an outcome of resilience
		Chronic diseases - Cancer diagnoses	robust
		Chronic diseases - Type 2 diabetes diagnoses*	robust
		Chronic diseases - Heart disease diagnoses*	robust
		Chronic diseases - People reporting hypertension*	robust
		Chronic diseases - People reporting asthma*	robust
		Residents living with dementia	robust
Residents self-reporting very good or excellent dental health		robust	
Avoided or delayed visiting a dentist due to cost	robust		

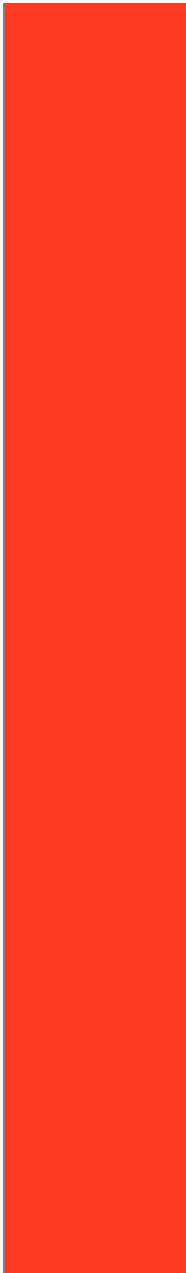
Rate of obesity (BMI $\geq$ 30 kg/m <sup>2</sup> )*	robust
Rate of persons overweight (25 $\geq$ BMI < 30 kg/m <sup>2</sup> )*	robust
Residents consumption of fruit and vegetables meets daily dietary requirements*	robust, spare capacity
<b>Council Plan (Safety and Wellbeing): Proportion of adult residents who get adequate physical exercise*</b>	robust
Residents participation in organised physical activity*	robust
Personal Wellbeing Index - Residents, Students and Workers*	robust
Residents self-reporting very good or excellent health	robust
Suicide Rate	robust
High, or very high, levels of psychological distress*	robust
Anxiety or depression*	robust
Diagnosed with anxiety or depression – women	robust
Diagnosed with anxiety or depression – men	robust
Sought help for a mental health related problem*	robust
Residents reporting seeking help for a mental health issue in the previous year – men	robust
Residents reporting seeking help for a mental health issue in the previous year – women	robust
Residents who are a current (i.e. daily and occasional) smoker*	robust
Residents who smoke daily	robust
Residents who smoke occasionally	robust
Total volume of packaged alcohol volume sold in the municipality	robust
<b>Council Plan (Safety and Wellbeing): Rate of ambulance attendance for alcohol and drug misuse in the municipality*</b>	robust
Drug hospitalisations	robust
Alcohol hospitalisations	robust
Alcohol related assaults (Friday or Saturday nights between 8pm and 6am)*	robust
Alcohol related assaults (Sunday through Thursday between 8pm and 6am)	robust

3.5 Reduce substance abuse, including narcotic drug abuse and harmful use of alcohol, through prevention measures and enabling access to treatment

		Alcohol related assaults - all days between 6am and 8pm	robust
		Spending on electronic gambling machines	Robust
	3.6 By 2030, reduce the number of deaths and injuries from traffic and transport accidents within the City of Melbourne, including those involving people walking and riding bikes	<b>Council Plan (Safety and Wellbeing): Number of transport related injuries and fatalities*</b>	robust
		Transportation fatalities	robust
	3.7 By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into local strategies and programmes	Syphilis notifications	robust
		Gonorrhoea notifications	robust
		Chlamydia notifications	robust
3.8 (ADVOCACY) Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all	<i>Coverage of essential health services (Medicare)</i>	Inclusive, prepared	
3.9 (ADVOCACY) By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination	<i>No identified indicator - exploring data sources</i>		
4 Quality Education	4.1 (ADVOCACY) By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and effective learning outcomes	Percentage of students achieving national benchmark in literacy Year 3	prepared, inclusive
		Percentage of students achieving national benchmark in literacy Year 5	prepared, inclusive
		Percentage of students achieving national benchmark in literacy Year 7	prepared, inclusive
		Percentage of students achieving national benchmark in literacy Year 9	prepared, inclusive
		Percentage of students achieving national benchmark in numeracy Year 3	prepared, inclusive
		Percentage of students achieving national benchmark in numeracy Year 5	prepared, inclusive
		Percentage of students achieving national benchmark in numeracy Year 7	prepared, inclusive
		Percentage of students achieving national benchmark in numeracy Year 9	prepared, inclusive
	4.2 By 2030, support access for all girls and boys to quality early childhood development, care and pre-primary education so that they are ready for primary education	Children developmentally vulnerable on one or more domains	robust, inclusive
		Children developmentally on track in physical domain	robust, inclusive
Children developmentally on track in social domain		robust, inclusive	
Children developmentally on track in emotional domain		robust, inclusive	

	Children developmentally on track in language and cognitive domain	robust, inclusive
	Children developmentally on track in communication domain	robust, inclusive
	Kindergarten participation	robust, inclusive
	Children attending preschool for less than 15 hours - as of 1 July	inclusive
	Children attending preschool for 15 hours or more - as of 1 July	inclusive
4.3 (ADVOCACY) By 2030, ensure equal access for all women and men to affordable and quality technical, vocational and tertiary education, including university	Number of higher education degrees per 100,000 population	inclusive, prepared, innovative, future-focused
	Overseas higher education students living or studying in the municipality	inclusive, diverse
	<b>Council Plan (Access and Affordability): Proportion of people surveyed who participate in lifelong learning in the municipality *</b>	future-focused, inclusive, prepared
	Proportion of residents surveyed who participate in lifelong learning activities in the municipality	future-focused, inclusive, prepared
4.4 By 2030, increase the number of children and adults, including culturally and linguistically diverse (CALD) adults, who have relevant skills for social, educational and economic engagement by providing access to necessary resources, programs and technology	<i>No identified indicator - exploring data sources</i>	
	Proportion of girls of total school (primary, secondary and special and combined) enrolments	inclusive
4.5 (ADVOCACY) By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations	Proportion of boys of total school (primary, secondary and special and combined) enrolments	inclusive
	Proportion of Indigenous students of total school (primary, secondary and special and combined) enrolments	inclusive
	Proportion of students whose language background is not english of total school (primary, secondary and special) enrolments	inclusive
	Proportion of girls of all primary school enrolments	inclusive
	Proportion of boys of all primary school enrolments	inclusive
	Proportion of Indigenous students of all primary school enrolments	inclusive

		Proportion of girls of all secondary school enrollments	inclusive	
		Proportion of boys of all secondary school enrollments	inclusive	
		Proportion of Indigenous students of all secondary school enrollments	inclusive	
		Proportion of girls of all special and combined school enrollments	inclusive	
		Proportion of boys of all special and combined school enrollments	inclusive	
		Proportion of Indigenous students of all special and combined school enrollments	inclusive	
	4.6 Continue to support all youth and a substantial proportion of adults, both men and women, to achieve literacy and numeracy by providing relevant services and programs	<i>No identified indicator - exploring data sources</i>		
	4.7 By 2030, ensure that the community have the relevant information and awareness of sustainable development including the SDGs and lifestyles in harmony with nature, especially children and young people (merged with Responsible Consumption and Production 12.8)	<i>No identified indicator - exploring data sources</i>		
5 Gender Equity	5.1 Work towards ending all forms of gender-based discrimination locally, while advocating for gender equality globally	<i>Percentage of people who don't agree equity is important in relationships (low gender equality in relationships score) - Discontinued - exploring alternative data sources</i>		
		Women's participation in sports and active recreation (residents)		inclusive
	5.2 Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation	Percentage of women who report feeling safe walking alone in the municipality during the day and night		inclusive
		Percentage of men who report feeling safe walking alone in the municipality during the day and night		inclusive
		Percentage of women who report feeling safe on public transport in and around the municipality during the day and night		inclusive
		Percentage of men who report feeling safe on public transport in and around the municipality during the day and night		inclusive
		<b>Council Plan (Safety and Wellbeing): Rate of recorded family violence incidents*</b>		inclusive, robust (violence prevention system)?
		Number of reported incidents of women assaulted during family violence events (excluded from VLR bc not clear)		inclusive, robust (violence



		prevention system)?
	Number of reported incidents of violence against women in a domestic setting (excluded from VLR as not clear)	inclusive, robust (violence prevention system)?
	Sexual offences against women	inclusive, robust (violence prevention system)?
	Assaults against women*	inclusive, robust (violence prevention system)?
	Number of women assaulted by their current partner	inclusive, robust (violence prevention system)?
	Number of women assaulted by their previous partner	inclusive, robust (violence prevention system)?
	Number of women assaulted by a family member	inclusive, robust (violence prevention system)?
	Number of women assaulted by a personal friend	inclusive, robust (violence prevention system)?
	Number of violent offences against women at/around the home	inclusive, robust (violence prevention system)?
	Number of violent offences against women in public	inclusive, robust (violence prevention system)?
5.4 Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family	Percentage of full-time employed women with a total personal income (weekly) of \$2000 or more	inclusive, spare capacity
	Percentage of full-time employed men with a total personal income (weekly) of \$2000 or more	inclusive, spare capacity



		Ratio of men to women (residents) performing 30 hours or more of unpaid labour	inclusive	
		Ratio of men to women (residents) performing 15-29 hours of unpaid labour	inclusive	
	5.5 Ensure women's full and effective participation and equal opportunities for leadership at all levels of decision-making in political, economic and public life		Women's representation on Council	inclusive
			Women's participation in the labor force	inclusive
			Women who have attained higher level qualifications	inclusive
			Percentage local businesses with female and/or minority owner	inclusive
5.6 Ensure universal access to sexual and reproductive health and reproductive rights		<i>No identified indicator - exploring data sources</i>		
6 Clean Water & Sanitation	6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all	Percent of people who have access to safe and affordable drinking water in their home and/or in public spaces	robust, inclusive	
	6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all in public spaces and municipal buildings, paying special attention to the needs of those in vulnerable situations	<i>No identified indicator - exploring data sources</i>		
	6.3 By 2030, improve water quality by reducing all types of water pollution, controlling industrial water waste and reducing ambient water nitrogen levels, and increase the use of water from alternate water sources		<b>Council Plan (Climate and Biodiversity Emergency): Alternative water use (Council water)</b>	diversity, spare capacity, innovative
			Alternative water use (Municipality water)	diverse, spare capacity, innovative
			<i>Refer to 14.1 for water quality indicators</i>	
	6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity		Residential water consumption	spare capacity
			Non-residential water consumption	spare capacity
			Total water consumption	spare capacity
6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate		City of Melbourne organisational commitment to Integrated Water Management (IWM)	integrated	
		City of Melbourne organisational capacity to deliver Integrated Water Management (IWM)	integrated	
		Collaboration and partnerships across industry and government	integrated	
6.6 Protect and enhance water-related ecosystems, such as forests, wetlands, rivers, and lakes		Permeable surface created	? Robust	

7 Affordable & Clean Energy	7.1 Promote universal access to affordable, reliable and modern energy services	<i>No identified indicator - exploring data sources</i>	
	7.2 By 2030, increase substantially the share of renewable energy in the national and state energy mix, so that the City of Melbourne municipality is powered by 100% renewable energy	<b>Council Plan (Climate and Biodiversity Emergency): Installed battery storage capacity in the municipality related to Power Melbourne</b>	spare capacity, prepared
		Percent of electricity from renewable sources	future-focused
		Total electricity consumption	spare capacity
7.3 By 2030, substantially improve the energy efficiency of infrastructure and buildings across the municipality	Total natural gas consumption	spare capacity	
	Total electricity consumption	spare capacity	
8 Decent Work & Growth	8.1 Recover and sustain per capita economic growth in accordance with national, state, metropolitan and municipal circumstances	<b>Council Plan (Economy of the Future): Capital city gross local product</b>	spare capacity
		Gross local product (GLP) per capita	spare capacity
		<b>Council Plan (Economy of the Future): Gross local product per person employed</b>	spare capacity
		Annual growth rate of real gross local product (GLP) per capita	spare capacity
	8.2 Achieve higher levels of economic productivity and growth through a particular focus on innovation in creative, knowledge, and visitor economies that support a low-carbon economy	Annual growth rate of real GLP per person employed	spare capacity
	8.3 Promote policies and programs that support decent job creation, entrepreneurship, creativity and innovation, and support small- and medium-sized enterprises	<b>Council Plan (Unique Identity and Place): Value of the creative sector to the local economy</b>	Innovative, diverse
		Creative sector jobs as a proportion of total employment	Innovative, diverse
		<b>Council Plan (Unique Identity and Place): The number of creative spaces in the municipality</b>	Innovative, diverse
		<b>Council Plan (Unique Identity and Place): The number of artists supported by City of Melbourne through city planning, design and city operations</b>	Innovative, diverse
		<b>Council Plan (Access and Affordability): Proportion of people surveyed who participate in arts and cultural activities in the last three months in the municipality*</b>	Inclusive
Proportion of residents surveyed that participated in arts and cultural activities in last three months in the municipality		Inclusive	

	<b>Council Plan (Economy of the Future): Number of start-ups in the municipality</b>	Innovative
	Growth in the knowledge sector	Innovative
	The proportion of people in the municipality employed by businesses and institutions in the knowledge sector	Innovative
	<b>Council Plan (Economy of the Future): Number of businesses in the municipality</b>	Robust, spare capacity
	<b>Council Plan (Economy of the Future): Vacancy rate of retail premises</b>	Robust , spare capacity
8.4 Improve progressively, through 2030, local resource efficiency in consumption and production and endeavor to decouple economic growth from environmental degradation	<i>No identified indicator - exploring data sources</i>	
8.5 By 2030 reduce unemployment and underemployment by supporting decent work for all, including for young people, persons with disabilities and people experiencing socio-economic disadvantage and achieve equal pay for work of equal value.	Unemployment rate*	Inclusive
	Percentage of residents in full-time employment	Robust, spare capacity, inclusive
	<b>Council Plan (Economy of the Future): Proportion of residents employed in the municipality*</b>	Robust
	<b>Council Plan (Economy of the Future): Number of jobs in the municipality</b>	Robust
	Total income earners (excl. Government pensions and allowances)	Robust
	Median total income (excl. Government pensions and allowances)	Spare capacity
	Mean total income (excl. Government pensions and allowances)	spare capacity
8.6 By 2030, reduce the proportion of youth not in employment, education or training	Youth unemployment rate*	inclusive
	Proportion of youth (aged 15–24 years) not in education, employment or training	inclusive
	Young people aged 16 to 24 receiving an unemployment benefit	inclusive
8.7 Take immediate and effective measures to eradicate forced labour and end modern slavery within City of Melbourne organisational supply chains, and promote other municipal organisations to do the same.	<i>No identified indicator - exploring data sources</i>	?
8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment	<i>No identified indicator - exploring data sources</i>	
8.9 By 2030, achieve sustainable tourism that creates local jobs and promotes local culture and products	Tourism - direct GDP as a proportion of total GDP	Robust, diverse (economy)

		Tourism - national day trips (add in other industries)	Robust, diverse (economy)
		Tourism - national overnight trips	Robust, diverse (economy)
		Tourism - international visitors	Robust, diverse (economy)
		<b>Council Plan (Economy of the Future): Number of visitors to the municipality</b>	Robust, diverse (economy)
9 Industry Innovation & Infrastructure	9.1 Develop quality, reliable, sustainable and resilient transport infrastructure to support economic development and human well-being, with a focus on affordable and equitable access for all	<b>Council Plan (Safety and Wellbeing): Proportion of resident trips by main mode - Bicycle*</b>	diverse
		<b>Council Plan (Safety and Wellbeing): Proportion of resident trips by main mode - Walking*</b>	diverse
		Proportion of resident trips by main mode - Private vehicle	diverse
		<b>Council Plan (Safety and Wellbeing): Proportion of resident trips by main mode - Public transport*</b>	diverse
		Proportion of resident trips by mode - Other	diverse
		All registered motor vehicles	diverse
	9.2 Promote inclusive and sustainable industry and business development	<i>No identified indicator - exploring data sources</i>	
	9.4 Continually upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes	Commercial and institutional electricity use	spare capacity
		Commercial and institutional gas use	spare capacity
		Industrial electricity use	spare capacity
Industrial gas use		spare capacity	
<i>Refer to 12.2 for resource-use efficiency and 13.2 for GHG emissions indicators</i>			
9.5 Enhance scientific research, upgrade the technological capabilities of sectors and residents across the municipality and encourage innovation and private research and development spending	Number of new patents per 100,000 population	innovative	
	Business research and development expenditure	innovative	
	Proportion of medium and high-tech industry value added in total value added of manufacturing sector	innovative	
10 Reduced Inequalities	10.1 By 2030, progressively achieve and sustain income growth of the bottom 40 per cent of the population at a rate higher than the national average	Gini Coefficient (relative economic inequality)	Inclusive
		Mean income of residents	Spare capacity
		Average income share of the top 5% of earners	Inclusive
		Average income share of the top 1% of earners	Inclusive
		<b>Council Plan (Safety and Wellbeing): Melburnians self-reported sense of belonging to community*</b>	Inclusive

10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status	<b>Council Plan (Access and Affordability): Number of City of Melbourne programs that are inclusive and respond to the needs of people with disability*</b>	Inclusive, diverse
	<b>Council Plan (Unique Identity and Place): Proportion of people who support the city being made up of different cultures*</b>	Inclusive, diverse
	Residents tolerance of diversity	Inclusive, diverse
	Students tolerance of diversity	Inclusive, diverse
	Workers tolerance of diversity	Inclusive, diverse
	<b>Council Plan (Aboriginal Melbourne): Proportion of people surveyed who believe the relationship with Aboriginal people is important*</b>	Inclusive, diverse
	Proportion of residents surveyed who believe the relationship between Aboriginal and Torres Strait Islander people and other Australians is important	Inclusive, diverse
	Proportion of students surveyed who believe the relationship between Aboriginal and Torres Strait Islander people and other Australians is important	Inclusive, diverse
	Proportion of workers surveyed who believe the relationship between Aboriginal and Torres Strait Islander people and other Australians is important	Inclusive, diverse
	Proportion of visitors surveyed who believe the relationship between Aboriginal and Torres Strait Islander people and other Australians is important	Inclusive, diverse
10.3 Ensure equal opportunity and reduce inequalities of outcome, including by eliminating policies and practices and promoting appropriate legislation, policies and action in this regard	Reported prejudicially motivated (sexual orientation, disability, political beliefs/activity, religion or race) crimes per 100,000 people	Inclusive, diverse
	<b>Council Plan (Safety and Wellbeing): Complaints of discrimination based on sexual orientation, disability, sex, gender, race, religious or political beliefs or other grounds for unlawful discrimination*</b>	Inclusive, diverse
10.4 Adopt policies, especially fiscal and social protection policies, and progressively achieve greater equity	<i>Refer to 10.1 for economic equality indicators</i>	
	<i>Refer to 11.1 for housing and rental stress indicators</i>	
10.7 (ADVOCACY) Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies	<i>No identified indicator - exploring data sources</i>	
	Number of people experiencing homelessness	inclusive, robust

11  
Sustainable  
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11.1 By 2030, significantly improve access for all to adequate, safe and affordable housing and basic services	Number of people experiencing homelessness (By Name List)*	inclusive, robust
	<b>Council Plan (Access and Affordability): Number of people sleeping rough who have not been offered accommodation*</b>	inclusive, robust
	Residents living in overcrowded housing	inclusive, robust
	Percent of residents living in social housing	inclusive, robust
	Percent of social housing (rented dwellings) of total housing stock	inclusive, robust
	Residents experiencing housing stress*	inclusive, robust
	<b>Council Plan (Access and Affordability): Number of people supported through a range of accommodation including long-term supportive housing and affordable housing*</b>	inclusive, robust
	<b>Council Plan (Access and Affordability): Number of new demonstration social and affordable housing units facilitated on City of Melbourne land*</b>	inclusive, robust
	Jobs/housing ratio	Diverse, robust
	Percent of Aboriginal persons living in crowded dwellings	inclusive
	Houses - median sale price	inclusive
	Attached Dwellings - median sale price	inclusive
	Number of complaints relating to rooming houses	inclusive
11.2 By 2030, provide access to safe, affordable, accessible and sustainable transport modes for all, improving safety and capacity, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons	<i>Refer to 9.1 for transport modes indicators</i>	
11.3a By 2030, ensure sustainable urbanisation and a quality built urban environment	Noise complaints*	Robust, inclusive
11.3b By 2030, ensure human settlement planning and management is inclusive, integrated and participatory	The percentage of people who have participated in specific engagement activities to address city issues, including through the use of digital technology.	Inclusive
	Residents participation in decision making*	Inclusive
11.4 Strengthen efforts to protect and safeguard our Aboriginal cultures and natural heritage	The number of people employed in the municipality who identify as Aboriginal and Torres Strait Islander	Inclusive, diverse

	<b>Council Plan (Aboriginal Melbourne): Proportion of people surveyed who demonstrate an understanding of Melbourne's Aboriginal heritage and culture</b>	Inclusive, diverse	
	Proportion of residents surveyed who demonstrate an understanding of Melbourne's Aboriginal heritage and culture	Inclusive, diverse	
	Proportion of students surveyed who demonstrate an understanding of Melbourne's Aboriginal heritage and culture	Inclusive, diverse	
	Proportion of workers surveyed who demonstrate an understanding of Melbourne's Aboriginal heritage and culture	Inclusive, diverse	
	Proportion of visitors surveyed who demonstrate an understanding of Melbourne's Aboriginal heritage and culture	Inclusive, diverse	
	<b>Council Plan (Unique Identity and Place): Neighbourhoods in the municipality with up-to-date local heritage studies and controls</b>	Inclusive, diverse, reflective	
	<i>Refer 15.5 for biodiversity indicators</i>		
	11.5 By 2030, significantly reduce the number of people affected, and substantially decrease the direct social and economic losses caused, by shocks and stresses, with a focus on people in vulnerable situations	Heat vulnerability index*	Prepared, robust. Also outcome of resilience
		<b>Council Plan (Climate and Biodiversity Emergency): Hospital admissions in relation to extreme weather events*</b>	Prepared, robust, spare capacity. Also outcome of resilience
		Proportion of natural disaster related deaths per 100,000 population*	Prepared, robust. Also outcome of resilience
Degree Celsius reduction in land surface temperature attributed to IWM (blue-green infrastructure) in urban areas		Prepared, robust diverse, robust, spare capacity	
Total runoff storage created through multi-functional assets			
11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management	PM2.5 Concentration	Robust, spare capacity	
	PM10 Concentration	Robust, spare capacity	
	NO2 Concentration	Robust, spare capacity	
	SO2 Concentration	Robust, spare capacity	

		O3 Concentration	Robust, spare capacity	
		<i>Refer to 12.5 for waste indicators and 13.2 for GHG emissions indicators</i>		
	11.7 By 2030, provide access to safe, inclusive and accessible, green and public spaces for all, including women and children, older persons and persons with disabilities		Public space as a proportion of total area	Prepared, spare capacity, robust
			<b>Council Plan (Unique Identity and Place): Proportion of people within 300m of public open space*</b>	Inclusive, prepared, diverse
			<b>Council Plan (Unique Identity and Place): The proportion of people surveyed who visit a park in the municipality on a regular basis*</b>	Inclusive, prepared
			<b>Council Plan (Unique Identity and Place): Area of new public open space in Southbank</b>	Inclusive, prepared, diverse
		<i>Refer to 16.1 for perception of safety indicators</i>		
	12.1 Integrate sustainable consumption and production patterns into CoM relevant strategies and actions, including considering the principles of the 10-Year Framework of Programmes on Sustainable Consumption and Production Patterns		<i>No identified indicator - exploring data sources</i>	
	12.2 By 2030, improve the sustainable management and efficient use of natural resources		<i>Refer to 6.2 for water consumption, Goal 7 Renewable Energy and Goal 13 Climate Action indicators</i>	
			CO2 emission per unit of value added	Future-focused?
12.3 By 2030, significantly reduce food waste at the retail and consumer levels and reduce food losses along production and supply chains		<i>No identified indicator - exploring data sources</i>		
12.4 By 2030, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment		<i>No identified indicator - exploring data sources</i>		
12 Responsible Consumption & Production		Total municipal waste collected by City of Melbourne (household, litter bins, commual compactors, street sweeping)	Future-focused?	
		Total municipal waste per resident	Future-focused	
		Municipal waste disposed by landfill	Future-focused	
		<b>Council Plan (Climate and Biodiversity Emergency): Municipal waste diverted from landfill</b>	Future-focused, innovative	
		Total household waste collected by City of Melbourne	Future-focused	
		Household waste per resident	Future-focused	



		<b>Council Plan (Climate and Biodiversity Emergency): Household waste disposed by landfill</b>	Future-focused
		Household waste diverted from landfill	Future-focused, innovative
	12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle	<i>No identified indicator - exploring data sources</i>	
	12.7 Implement procurement practices that are sustainable, in accordance with national, state and local policies and priorities	<i>Is City of Melbourne implementing sustainable public procurement policies and action plans for council events and operations?</i>	Integrated
13 Climate Action	13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters	<i>Refer to 11.5 for natural disaster impact indicators</i>	
	13.2 Integrate climate change measures into policies, strategies and planning, including reaching zero greenhouse gas emissions for the municipality by 2050	<b>Council Plan (Climate and Biodiversity Emergency): Total municipal greenhouse gas emissions per resident</b>	innovative, future-focused, diverse
		Total CO2 emissions from natural gas consumption	innovative, future-focused, diverse
		Total CO2 emissions from electricity consumption	innovative, future-focused, diverse
		<b>Council Plan (Climate and Biodiversity Emergency): On-road transport emissions</b>	innovative, future-focused, diverse
		Total Transport emissions	innovative, future-focused, diverse
	Total CO2 emissions from waste	innovative, future-focused	
	13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning	<i>No identified indicator - exploring data sources</i>	
	14.1 By 2030 significantly reduce marine pollution, in particular from land-based activities, including marine debris and nutrient pollution.	<b>Council Plan (Climate and Biodiversity Emergency): Stormwater quality - reduction in nitrogen entering the waterways</b>	Robust, prepared?

14 Life Below Water		Percentage of catchments that are at least 20% permeable	Robust?	
		Mean annual runoff volume reduction through Integrated Water Management in the public realm	Integrated, prepared	
	14.2 (ADVOCACY) By 2030, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans		<i>No identified indicator - exploring data sources</i>	
15 Life On Land	15.1 By 2030, ensure the conservation, restoration and sustainable use of terrestrial and freshwater ecosystems and their services, in line with obligations under international agreements		<i>No identified indicator - exploring data sources</i>	
	15.2 By 2030, promote the implementation of sustainable management of all types of forests by increasing urban greening and forestation as well as ensuring the use, where possible, of sustainable forest products in the municipality's supply chain.	Proportion of tree canopy cover – public and private realm	Robust, spare capacity	
		<b>Council Plan (Climate and Biodiversity Emergency): Percentage of tree canopy cover in the public realm*</b>	Robust, spare capacity	
		<b>Council Plan (Climate and Biodiversity Emergency): Number of trees planted in the municipality *</b>	Robust, spare capacity	
	15.3 By 2030, combat degraded land and soil, including improving land affected by contamination, with the aim of improving urban land management.		<i>No identified indicator - exploring data sources</i>	
	15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2030, protect and prevent the extinction of threatened species	<b>Council Plan (Climate and Biodiversity Emergency): Area of native understorey habitat in the public realm</b>	Robust	
		Proportion of protected terrestrial natural areas	Robust	
		Change in proportion of 'terrestrial native vegetation' from 2005 levels	Robust	
Proportion of invasive alien plant species (declared noxious weeds) of total plant pool		Robust, diverse		
15.8 By 2030, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species		<i>No identified indicator - exploring data sources</i>		
15.9 By 2030, integrate ecosystem and biodiversity values into local planning and development processes, and advocate for their integration at state and national levels.		<i>No identified indicator - exploring data sources</i>		

16  
Peace, Justice  
& Strong  
Institutions

16.1 Significantly reduce all forms of violence and related death rates everywhere

Number of offences recorded in the municipality*	Robust (crime prevention system), inclusive
Rate of violent crimes recorded in the municipality	Robust (violence prevention system), inclusive?
Rate of reported stalking, harassment and threatening behaviour offenses recorded by the police in the municipality	Robust (violence prevention system), inclusive?
<b>Council Plan (Safety and Wellbeing): Proportion of people who report feeling safe in the municipality (day and night)*</b>	Inclusive
Proportion of people who report feeling safe walking alone in the municipality during the day	Inclusive
Proportion of residents who report feeling safe walking alone in the municipality during the day	Inclusive
Proportion of students who report feeling safe walking alone in the municipality during the day	Inclusive
Proportion of workers who report feeling safe walking alone in the municipality during the day	Inclusive
Proportion of visitors who report feeling safe walking alone in the municipality during the day	Inclusive
Proportion of people who report feeling safe walking alone in the municipality during the night	Inclusive
Proportion of residents who report feeling safe walking alone in the municipality during the night	Inclusive
Proportion of students who report feeling safe walking alone in the municipality during the night	Inclusive
Proportion of workers who report feeling safe walking alone in the municipality during the night	Inclusive
Proportion of visitors who report feeling safe walking alone in the municipality during the night	Inclusive
Proportion of residents who report feeling safe on public transport in and around the municipality during the day*	Inclusive

	Proportion of students who report feeling safe on public transport in and around the municipality during the day	Inclusive
	Proportion of workers who report feeling safe on public transport in and around the municipality during the day	Inclusive
	Proportion of visitors who report feeling safe on public transport in and around the municipality during the day	Inclusive
	Proportion of residents who report feeling safe on public transport in and around the municipality during the night*	Inclusive
	Proportion of students who report feeling safe on public transport in and around the municipality during the night	Inclusive
	Proportion of workers who report feeling safe on public transport in and around the municipality during the night	Inclusive
	Proportion of visitors who report feeling safe on public transport in and around the municipality during the night	Inclusive
16.2 End abuse, exploitation, trafficking and all forms of violence against and torture of children	Crime where the victim was a child or young person in the municipality	Inclusive Robust (crime prevention system), inclusive
	Number of family incidents reported in the municipality where children are present	Robust (crime prevention system), inclusive
16.3 Promote the rule of law within the municipality and support equal access to justice for all	<i>No identified indicator - exploring data sources</i>	
16.5 Reduce corruption and bribery in all their forms by City of Melbourne employees and Councilors	<i>No identified indicator - exploring data sources</i>	
16.6 Ensure effective, accountable and transparent organisational structures, functions and processes for the City of Melbourne.	<i>No identified indicator - exploring data sources</i>	
16.7 Ensure responsive, inclusive, participatory and representative decision-making at the City of Melbourne	The number of people employed in the municipality who identify as Aboriginal	Inclusive, diverse
	<b>Council Plan (Aboriginal Melbourne): Level of involvement of registered Traditional Custodians in city governance</b>	Inclusive, diverse

		Women elected to local office	Inclusive, diverse
		Voter participation rate	Inclusive, diverse
	16.10 Ensure public access to information and protect freedoms of association at least in accordance with national and state legislation.	<i>No identified indicator - exploring data sources</i>	
17. Strengthen the means of implementation and revitalize the Global Partnership for Sustainable Development	17.1 Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection	<p><b>17.1.1</b> Total government revenue as a proportion of GDP, by source</p> <p><b>17.1.2</b> Proportion of domestic budget funded by domestic taxes</p>	<p>Robust, spare capacity</p> <p>Robust, spare capacity</p>
	17.2 Developed countries to implement fully their official development assistance commitments, including the commitment by many developed countries to achieve the target of 0.7 per cent of ODA/GNI to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries; ODA providers are encouraged to consider setting a target to provide at least 0.20 per cent of ODA/GNI to least developed countries	<p><b>17.2.1</b> Net official development assistance, total and to least developed countries, as a proportion of the Organization for Economic Cooperation and Development (OECD) Development Assistance Committee donors' gross national income (GNI)</p>	
	17.3 Mobilize additional financial resources for developing countries from multiple sources	<p><b>17.3.1</b> Foreign direct investments (FDI), official development assistance and South-South Cooperation as a proportion of total domestic budget</p> <p><b>17.3.2</b> Volume of remittances (in United States dollars) as a proportion of total GDP</p>	
	17.4 Assist developing countries in attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt restructuring, as appropriate, and address the external debt of highly indebted poor countries to reduce debt distress	<p><b>17.4.1</b> Debt service as a proportion of exports of goods and services</p>	
	17.5 Adopt and implement investment promotion regimes for least developed countries	<p><b>17.5.1</b> Number of countries that adopt and implement investment promotion regimes for least developed countries</p>	
	17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism	<p><b>17.6.1</b> Number of science and/or technology cooperation agreements and programmes between countries, by type of cooperation</p>	
	17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed	<p><b>17.6.2</b> Fixed Internet broadband subscriptions per 100 inhabitants, by speed</p> <p><b>17.7.1</b> Total amount of approved funding for developing countries to promote the development, transfer, dissemination and diffusion of environmentally sound technologies</p>	Inclusive

**17.8** Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology

**17.9** Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the sustainable development goals, including through North-South, South-South and triangular cooperation

**17.10** Promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the World Trade Organization, including through the conclusion of negotiations under its Doha Development Agenda

**17.11** Significantly increase the exports of developing countries, in particular with a view to doubling the least developed countries' share of global exports by 2020

**17.12** Realize timely implementation of duty-free and quota-free market access on a lasting basis for all least developed countries, consistent with World Trade Organization decisions, including by ensuring that preferential rules of origin applicable to imports from least developed countries are transparent and simple, and contribute to facilitating market access

**17.13** Enhance global macroeconomic stability, including through policy coordination and policy coherence

**17.14** Enhance policy coherence for sustainable development

**17.15** Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development

**17.16** Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries

**17.17** Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships

**17.18** By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts

**17.8.1** Proportion of individuals using the Internet

Inclusive

**17.9.1** Dollar value of financial and technical assistance (including through North-South, South-South and triangular cooperation) committed to developing countries

**17.10.1** Worldwide weighted tariff-average

**17.11.1** Developing countries' and least developed countries' share of global exports

**17.12.1** Average tariffs faced by developing countries, least developed countries and small island developing States

**17.13.1** Macroeconomic Dashboard

Future-focused,  
reflective

**17.14.1** Number of countries with mechanisms in place to enhance policy coherence of sustainable development

Integrated

**17.15.1** Extent of use of country-owned results frameworks and planning tools by providers of development cooperation

Integrated,  
reflective

**17.16.1** Number of countries reporting progress in multi-stakeholder development effectiveness monitoring frameworks that support the achievement of the sustainable development goals

Integrated,  
reflective, flexible

**17.17.1** Amount of United States dollars committed to public-private and civil society partnerships

Integrated

**17.18.1** Proportion of sustainable development indicators produced at the national level with full disaggregation when relevant to the target, in accordance with the Fundamental Principles of Official Statistics

Reflective,  
integrated,  
future-focused

**17.19** By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building in developing countries

**17.18.2** Number of countries that have national statistical legislation that complies with the Fundamental Principles of Official Statistics

**17.18.3** Number of countries with a national statistical plan that is fully funded and under implementation, by source of funding

**17.19.1** Dollar value of all resources made available to strengthen statistical capacity in developing countries

**17.19.2** Proportion of countries that (a) have conducted at least one population and housing census in the last 10 years; and (b) have achieved 100 per cent birth registration and 80 per cent death registration

Reflective,  
integrated,  
future-focused

Reflective,  
integrated,  
future-focused

Reflective,  
integrated,  
innovative

Reflective, future-  
focused

Yellow highlighting: Targets explicitly related to resilient\*, adapt\*, disaster\*, hazard, resilience qualities, recovery, shock, stress

<sup>1</sup> Trend data includes 3+ years of data

<sup>2</sup> No significant change determined as < 1% margin of change, <10/100,000 margin of change in 100's/100,000, <1/100,000 margin of change in 1-10's/100,000, where 3 + years of data exists



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for Cities