

Cleaner, Greener Communities Program

Summary Sheet:

New York City Regional Sustainability Plan

The New York City Sustainability Plan's goals and targets are categorized by the following focus areas:

- Land Use
- Water Management
- Transportation
- Energy
- GHG Emissions
- Waste Management
- Climate Change Adaptation

More detailed descriptions of each goal, target and indicator can be found in the regional sustainability plan and the indicator document—locations of those descriptions within both documents are listed within each focus area below.

Land Use (pages 16 – 57 of Sustainability Plan)

Goals

- Create capacity for new housing. (Page 21 - 33 of Sustainability Plan)
- Finance and facilitate new housing. (Page 21 - 33 of Sustainability Plan)
- Encourage sustainable neighborhoods. (Page 21 - 33 of Sustainability Plan)
- Target high impact projects in neighborhoods underserved by parks. (Pages 35 - 45 of Sustainability Plan)
- Create destination-level spaces for all types of recreation. (Pages 35 - 45 of Sustainability Plan)
- Re-imagine the public realm. (Pages 35 - 45 of Sustainability Plan)
- Promote and protect nature. (Pages 35 - 45 of Sustainability Plan)
- Ensure the long-term health of parks and public space. (Pages 35 - 45 of Sustainability Plan)
- Develop programs to accelerate brownfield cleanup and redevelopment. (Pages 50 - 57 of Sustainability Plan)
- Strengthen incentives for brownfield cleanup and redevelopment. (Pages 50 - 57 of Sustainability Plan)
- Deepen our commitment to communities for community brownfield planning, education, and service. (Pages 50 - 57 of Sustainability Plan)
- Expand the use of green remediation. (Pages 50 - 57 of Sustainability Plan)

Targets

- Increase in new housing units from 2007 (baseline: 98,924). (Page 179 of Sustainability Plan, Indicator 11J)
- Increase total units of housing in NYC (baseline: 3,328,395). (Page 179 of Sustainability Plan, Indicator 11K)
- Increase % of housing affordable to median-income NYC household (baseline: 64.1%). (Page 179 of Sustainability Plan, Indicator 3D)
- Increase vacancy rate of least expensive rental apartments (baseline: 0.98%). (Page 179 of Sustainability Plan, Indicator 11L)
- Increase % of new units within a 1/2 mile of transit (baseline: 78%). (Page 179 of Sustainability Plan, Indicator 2E)
- Reduce residential building energy use per capita (MMBTU) (3 yr rolling avg) (baseline: 2.13). (Page 179 of Sustainability Plan, Indicator 1C)
- % of New Yorkers that live within a 1/4 mile of a park (baseline: 74%). (Page 179 of Sustainability Plan, Indicator 3G)
- Number of vacant tax lots presumed to be contaminated (baseline: 1,500 – 2,000). (Page 179 of Sustainability Plan, Indicator 11H)
- Number of tax lots remediated in NYC annually (baseline: 0). (Page 179 of Sustainability Plan, Indicator 11I)

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Water Management (pages 58 – 85 of Sustainability Plan)

Goals

- Continue implementing grey infrastructure upgrades. (Pages 62 - 73 of Sustainability Plan)
- Use green infrastructure to manage stormwater. (Pages 62 - 73 of Sustainability Plan)
- Remove industrial pollution from waterways. (Pages 62 - 73 of Sustainability Plan)
- Protect and restore wetlands, aquatic systems, and ecological habitat. (Pages 62 - 73 of Sustainability Plan)
- Ensure the quality of our drinking water. (Pages 78 - 85 of Sustainability Plan)
- Maintain and enhance the infrastructure that delivers water to New York City. (Pages 78 - 85 of Sustainability Plan)
- Modernize in-city distribution. (Pages 78 - 85 of Sustainability Plan)
- Improve the efficiency of the water supply system. (Pages 78 - 85 of Sustainability Plan)

Targets

- Decrease fecal coliform rates in New York Harbor (Cells/100mL) (5 yr rolling avg) (baseline: 21.1). (Page 179 of Sustainability Plan, Indicator 11D)
- Increase dissolved oxygen rates New York Harbor (mg/L) (5 yr rolling avg) (baseline: 6.71). (Page 179 of Sustainability Plan, Indicator 11E)
- Increase number of drinking water analyses below maximum contaminant level (baseline: 99.995%). (Page 179 of Sustainability Plan, Indicator 5O)
- Decrease water usage per capita (gallons per day) (3 yr rolling avg) (baseline: 124.67). (Page 179 of Sustainability Plan, Indicator 5A)

Transportation (pages 86 – 99 of Sustainability Plan)

Goals

- Improve and expand sustainable transportation infrastructure and options. (Pages 90 - 99 of Sustainability Plan)
- Reduce congestion on our roads, bridges, and at our airports. (Pages 90 - 99 of Sustainability Plan)
- Maintain and improve the physical condition of our roads and transit system. (Pages 90 - 99 of Sustainability Plan)

Targets

- Increase sustainable transportation mode share (Manhattan CBD bound commute) (baseline: 73.5%). (Page 79 of Sustainability Plan, Indicator 2A)
- Engender positive change in transit volume minus change in auto traffic volume (baseline: -2.8%). (Page 79 of Sustainability Plan, Indicator 2L)
- Increase vehicle revenue miles (Miles transit vehicles travel in revenue service) (baseline: 945,912,801). (Page 79 of Sustainability Plan, Indicator 2M)
- Achieve 100% of bridges meeting a state of good repair (FY) (baseline: 41%). (Page 79 of Sustainability Plan, Indicator 2N)
- Achieve 100% of roads meeting a state of good repair (FY) (baseline: 72%). (Page 79 of Sustainability Plan, Indicator 2O)
- Achieve 100% of transit station components meeting a state of good repair (baseline: 72%). (Page 79 of Sustainability Plan, Indicator 2P)

Energy (pages 100 – 117 of Sustainability Plan)

Goals

- Improve energy planning. (Pages 104 - 117 of Sustainability Plan)
- Increase our energy efficiency. (Pages 104 - 117 of Sustainability Plan)
- Provide cleaner, more reliable and affordable energy. (Pages 104 - 117 of Sustainability Plan)
- Modernize our transmission and distribution systems. (Pages 104 - 117 of Sustainability Plan)

Targets

- Reduce GHG emissions per unit of electrical power (lbs CO₂e/MWh) (baseline: 692.25). (Page 79 of Sustainability Plan, Indicator 9C)
- Reduce system reliability SAIFI (System Average Interruption Frequency Index) (baseline: 69.72). (Page 79 of Sustainability Plan, Indicator 7F)
- Reduce energy use per capita (MMBTU) (3 yr rolling avg) (baseline: 102.55). (Page 79 of Sustainability Plan, Indicator 1A)

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GHG Emissions (pages 118 – 131 of Sustainability Plan)

Goals

- Understand the scope of the challenge. (Pages 122 - 131 of Sustainability Plan)
- Reduce transportation emissions. (Pages 122 - 131 of Sustainability Plan)
- Reduce emissions from buildings. (Pages 122 - 131 of Sustainability Plan)
- Update codes and standards. (Pages 122 - 131 of Sustainability Plan)

Targets

- Achieve #1 (lowest) city ranking in average particulate matter 2.5 (3 yr rolling avg) (baseline: 7). (Page 79 of Sustainability Plan, Indicator 11F)
- Reduce change in average particulate matter 2.5 (3 yr rolling avg) (baseline: -3.5%). (Page 79 of Sustainability Plan, Indicator 11G)

Waste Management (pages 132 – 145 of Sustainability Plan)

Goals

- Reduce waste by not generating it. (Pages 136 - 145 of Sustainability Plan)
- Increase the recovery of resources from the waste stream. (Pages 136 - 145 of Sustainability Plan)
- Improve the efficiency of our waste management system. (Pages 136 - 145 of Sustainability Plan)
- Reduce the City government's solid waste footprint. (Pages 136 - 145 of Sustainability Plan)

Targets

- Increase percentage of waste diverted from landfills (baseline: 51%). (Page 79 of Sustainability Plan, Indicator 4B)

Climate Change Adaptation (pages 147 – 167 of Sustainability Plan)

Goals

- Reduce and track greenhouse gas emissions. (Pages 150 - 159 of Sustainability Plan)
- Assess vulnerabilities and risks from climate change. (Pages 150 - 159 of Sustainability Plan)
- Increase the resilience of the city's built and natural environments. (Pages 150 - 159 of Sustainability Plan)
- Protect public health from the effects of climate change. (Pages 150 - 159 of Sustainability Plan)
- Increase the city's preparedness for extreme climate events. (Pages 150 - 159 of Sustainability Plan)
- Create resilient communities through public information and outreach. (Pages 150 - 159 of Sustainability Plan)

Targets

- Reduce greenhouse gas emissions (baseline: 49,301,948). (Page 79 of Sustainability Plan, Indicator 9A)
- Reduce greenhouse gas emissions (MTCO_{2e}) per GCP (\$M) (baseline: 91.07). (Page 79 of Sustainability Plan, Indicator 9B)
- Reduce greenhouse gas emissions (MTCO_{2e}) per capita (baseline: 5.87). (Page 79 of Sustainability Plan, Indicator 9A)