

Sustainability Indicators

If we are going to meet our goals in 2030, we need to track our progress every step along the way. Since the launch of PlaNYC in 2007 we have been transparent and accountable, issuing annual reports on what milestones we have accomplished—and just as candidly reporting on those milestones that have not yet been accomplished.

This update to PlaNYC contains over 400 milestones to be met by December 31, 2013, pointing the way to our ultimate goals for the year 2030. We will continue to issue annual findings on our progress, using these milestones as our measure.

We have also identified 29 Sustainability Indicators which we use to track our progress toward our long-term goals. These indicators are designed to provide a quantifiable bellweather for each component of a PlaNYC goal, so that one can tell, for example, if we are achieving one part of a goal but not another.

The indicators help us assess whether changes to the plan are needed and are part of our ongoing commitment to transparency and accountability. The Sustainability Indicators are a subset of the New York City Department of Health and Mental Hygiene's Environmental Public Health Tracking Portal.

CATEGORY	METRIC	2030 TARGET	FIGURE FOR MOST RECENT YEAR	TREND SINCE BASE YEAR
HOUSING AND NEIGHBORHOODS	Create homes for almost a million more New Yorkers while making housing and neighborhoods more affordable and sustainable			
	Increase in new housing units from 2007	314,000	98,924 ₂	↗
	Total units of housing in NYC	INCREASE	3,328,395 ₄	↗
	% of housing affordable to median-income NYC household	INCREASE	64.1% ₄	↘
	Vacancy rate of least expensive rental apartments	INCREASE	0.98% ₄	↘
	% of new units within a 1/2 mile of transit	>70%	78% ₂	↗
	Residential building energy use per capita (MMBTU) (3 yr rolling avg)	DECREASE	2.13 ₃	NEUTRAL
PARKS AND PUBLIC SPACE	Ensure all New Yorkers live within a 10-minute walk of a park			
	% of New Yorkers that live within a 1/4 mile of a park	85%	74% ₁	↗
BROWNFIELDS	Clean up all contaminated land in New York City			
	Number of vacant tax lots presumed to be contaminated	DECREASE	1,500 – 2,000 ₂	NEUTRAL
	Number of tax lots remediated in NYC annually	INCREASE	0 ₂	NEUTRAL
WATERWAYS	Improve the quality of our waterways to increase opportunities for recreation and restore coastal ecosystems			
	Fecal coliform rates in New York Harbor (Cells/100mL) (5 yr rolling avg)	DECREASE	21.1 ₂	↘
	Dissolved oxygen rates New York Harbor (mg/L) (5 yr rolling avg)	INCREASE	6.71 ₂	↗
WATER SUPPLY	Ensure the high quality and reliability of our water supply system			
	Number of drinking water analyses below maximum contaminant level	INCREASE	99.995% ₂	NEUTRAL
	Water usage per capita (gallons per day) (3 yr rolling avg)	DECREASE	124.67 ₂	↘
TRANSPORTATION	Expand sustainable transportation choices and ensure the reliability and high quality of our transportation network			
	Sustainable transportation mode share (Manhattan CBD bound commute)	INCREASE	73.5% ₃	NEUTRAL
	Change in transit volume minus change in auto traffic volume	POSITIVE	-2.8% ₃	↗
	Vehicle revenue miles (Miles transit vehicles travel in revenue service)	INCREASE	945,912,801 ₃	↗
	% of bridges meeting a state of good repair (FY)	100%	41% ₃	NEUTRAL
	% of roads meeting a state of good repair (FY)	100%	72% ₂	↗
% of transit station components meeting a state of good repair	100%	72% ₂	NEUTRAL	
ENERGY	Reduce energy consumption and make our energy systems cleaner and more reliable			
	GHG emissions per unit of electrical power (lbs CO ₂ e/MWh)	DECREASE	692.25 ₃	↘
	System reliability SAIFI (System Average Interruption Frequency Index)	DECREASE	69.72 ₃	↘
	Energy use per capita (MMBTU) (3 yr rolling avg)	DECREASE	102.55 ₃	NEUTRAL
AIR QUALITY	Achieve the cleanest air quality of any big U.S. city			
	City ranking in average PM 2.5 (3 yr rolling avg)	#1 (LEAST)	7 ₃	↘
	Change in average PM 2.5 (3 yr rolling avg)	DECREASE	-3.5% ₃	↘
SOLID WASTE	Divert 75% of our solid waste from landfills			
	Percentage of waste diverted from landfills	75%	51% ₂	NEUTRAL
CLIMATE CHANGE	Reduce greenhouse gas emissions by more than 30%			
	Increase the resilience of our communities, natural systems, and infrastructure to climate risks			
	Greenhouse gas emissions (MTCO ₂ e)	DECREASE 30%	49,301,948 ₃	↘
	Greenhouse gas emissions, (100% = 2005 GHG emissions)	70%	87.06% ₃	↘
	Greenhouse gas emissions (MTCO ₂ e) per GCP (\$M)	DECREASE	91.07 ₃	↘
Greenhouse gas emissions (MTCO ₂ e) per capita	DECREASE 30%	5.87 ₃	↘	

1 Results are a snapshot taken in March 2011

2 Results are for FY or CY 2010

3 Results are for FY or CY 2009, data is only available with a lag

4 Results are for CY 2008, data comes from HVS a triennial survey