

INDICATORS

EXPLANATION

The following list of indicators is designed to help monitor progress toward **adaptokc** goals. Indicators that are existing Leading For Results measures are noted with **(LFR)**.

Baseline year for each indicator is listed in the description and are identified by Calendar Year (CY), Federal Fiscal Year (FFY) or Fiscal Year (FY); the City's fiscal year runs July 1 through June 30 while the FFY runs October 1 through September 30.

Indicators are grouped in two categories: external and internal.

- ▶ **External indicators** monitor relevant statistics and trends that contribute to a broader picture of each chapter topic. These trends are useful to monitor, but are outside of the City's direct control. However, these indicators can inform policy decisions or assist in recalibrating priority of recommended actions.
- ▶ **Internal indicators** are used to track progress of City operations and effectiveness of actions directly in the City's control.

Indicators will be reported on every five years to gauge the effectiveness of actions taken to implement **adaptokc** initiatives.

- ▶ The **"Goals"** column shows which goal or goals each indicator addresses.
- ▶ The **"Current Conditions"** column uses available data for each indicator to set a baseline for evaluation of progress.
- ▶ The **"5-Year Target"** and **"10-Year Target"** columns contain expected future values.



Internal Indicators

Energy Productivity

IN-1: Number of City permits issued for residential solar installations.

<u>Baseline Year:</u>	CY 2018
<u>Current Conditions:</u>	11
<u>5-Year Target:</u>	20
<u>10-Year Target:</u>	30

IN-2: Number of kW of renewable energy capacity on City property

<u>Baseline Year:</u>	CY 2018
<u>Current Conditions:</u>	0
<u>5-Year Target:</u>	5
<u>10-Year Target:</u>	50

IN-3: Number of loans issued annually from Green Home Loan program. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	17
<u>5-Year Target:</u>	20
<u>10-Year Target:</u>	40

IN-4: Dollar of loans issued annually from Green Home Loan program. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	\$108,600.08
<u>5-Year Target:</u>	\$140,000
<u>10-Year Target:</u>	\$280,000

IN-5: Number of Millions of British Thermal Units (MMBTU) used for City operations. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	1,677,409
<u>5-Year Target:</u>	1,509,668
<u>10-Year Target:</u>	1,341,927

IN-6: Number of City buildings tracked in ENERGY STAR™ Portfolio Manager.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	4
<u>5-Year Target:</u>	15
<u>10-Year Target:</u>	30

IN-7: Number of City buildings with an ENERGY STAR™ rating above 75.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	0
<u>5-Year Target:</u>	4
<u>10-Year Target:</u>	8

Natural and Built Environment

IN-8: Classification of Oklahoma City in FEMA Community Rating System program.

<u>Baseline Year:</u>	FFY 2014
<u>Current Conditions:</u>	8
<u>5-Year Target:</u>	7
<u>10-Year Target:</u>	6

IN-9: Percent reduction in the amount of pesticide and herbicide use in City operations.

<u>Baseline Year:</u>	N/A
<u>Current Conditions:</u>	No Data; Contingent upon completion of NB-9
<u>5-Year Target:</u>	No Data; Contingent upon completion of NB-9
<u>10-Year Target:</u>	No Data; Contingent upon completion of NB-9

Internal Indicators

Natural and Built Environment

IN-10: Number of new trees planted. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	1,001
<u>5-Year Target:</u>	1,000
<u>10-Year Target:</u>	2,000

Air Quality

IN-11: Percent of light- or medium-duty municipal fleet vehicles fueled by alternative fuels.

<u>Baseline Year:</u>	CY 2018
<u>Current Conditions:</u>	4%
<u>5-Year Target:</u>	10%
<u>10-Year Target:</u>	20%

IN-12: Number of metric tons of GHG emissions from City operations.

<u>Baseline Year:</u>	CY 2010
<u>Current Conditions:</u>	761,191
<u>5-Year Target:</u>	TBD
<u>10-Year Target:</u>	TBD

IN-13: Number of miles of separated bicycle lanes.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	16.2 miles
<u>5-Year Target:</u>	25 miles
<u>10-Year Target:</u>	45 miles

IN-14: Number of trail miles inspected and maintained. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	1,827.30 miles
<u>5-Year Target:</u>	2,000 miles
<u>10-Year Target:</u>	2,100 miles

IN-15: Percent of bus stops with shelter.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	12.4%
<u>5-Year Target:</u>	15%
<u>10-Year Target:</u>	25%

IN-16: Number of bus passenger trips provided. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	2,921,065 trips
<u>5-Year Target:</u>	3,100,000 trips
<u>10-Year Target:</u>	3,500,000 trips

IN-17: Number of miles of new residential & arterial street sidewalk constructed. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	21
<u>5-Year Target:</u>	30
<u>10-Year Target:</u>	40

Waste Reduction

IN-18: Number of pounds of household hazardous waste reused and recycled. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	272,780
<u>5-Year Target:</u>	300,058 (+10%)
<u>10-Year Target:</u>	330,064 (+20%)

Internal Indicators

Waste Reduction

IN-19: Percent of solid waste stream diverted from landfills through recycling. (LFR)

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	2.94%
<u>5-Year Target:</u>	4%
<u>10-Year Target:</u>	7%

IN-20: Number of net tons of curbside residential recycling collected.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	17,222
<u>5-Year Target:</u>	18,944
<u>10-Year Target:</u>	20,839

IN-21: Percent of contamination in residential curbside program.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	25%
<u>5-Year Target:</u>	15%
<u>10-Year Target:</u>	10%

IN-22: Number of average annual pounds landfilled per recycling customer.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	3,084
<u>5-Year Target:</u>	2,776
<u>10-Year Target:</u>	2,498

IN-23: Percent of City facilities with recycling service.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	11.1%
<u>5-Year Target:</u>	25%
<u>10-Year Target:</u>	50%

IN-24: Number of sheets of paper purchases annually for City operations from City contract.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	12,974,460
<u>5-Year Target:</u>	11,677,014
<u>10-Year Target:</u>	9,730,845

IN-25: Percent of total paper purchased from City contract that contains recycled content.

<u>Baseline Year:</u>	FY19
<u>Current Conditions:</u>	2.23%
<u>5-Year Target:</u>	10%
<u>10-Year Target:</u>	30%

External Indicators

Energy Productivity

EX-1: Percent of renewable energy in OG&E's electricity generation mix.

Baseline Year: CY 2018

Current Conditions: 7%

EX-2: Weighted average cost of electricity generation fuel type used by OG&E.

Baseline Year: CY 2018

Current Conditions: ¢2.122

EX-3: Average OG&E residential price per kilowatt-hour.

Baseline Year: CY 2018

Current Conditions: ¢9.26

EX-4: Number of MW of solar energy capacity (DC) from net metering agreements in Oklahoma City.

Baseline Year: CY 2018

Current Conditions: 2.14 MW

EX-5: Percent of State Quality Jobs Act incentives paid to alternate energy sector companies in Oklahoma City.

Baseline Year: FY19

Current Conditions: 0.05%

EX-6: Ratio of solar-industry jobs to general workforce jobs in Oklahoma.

Baseline Year: CY 2018

Current Conditions: 1:2,032

EX-7: Number of environmental/energy building certifications (LEED, Green Globes, WELL, etc.) within Oklahoma City.

Baseline Year: CY 2018
Current Conditions: 26 (23 LEED, 3 Green Globes)

Natural and Built Environment

EX-8: Number of FEMA National Flood Insurance Program claims made within Oklahoma City.

Baseline Year: CY 2018
Current Conditions: 9 claims

EX-9: Number of dollars paid out for FEMA National Flood Insurance Program claims within Oklahoma City.

Baseline Year: CY 2018
Current Conditions: \$304,100.25

EX-10: Number of square miles of impervious surfaces citywide.

Baseline Year: CY 2018
Current Conditions: 119.2 square miles

EX-11: Percent of Oklahoma City Census tracts designated as USDA food deserts.

Baseline Year: CY 2016
Current Conditions: 14%

EX-12: Number of FEMA major disaster declarations affecting a county within Oklahoma City.

Baseline Year: CY 2018
Current Conditions: 0 declarations

EX-13: Population density of Oklahoma City.

Baseline Year: CY 2017
Current Conditions: 1,014 persons per square mile

External Indicators

Natural and Built Environment

EX-14: Percent of Oklahoma City classified in 100-year floodplain within Oklahoma City.

Baseline Year: CY 2016

Current Conditions: 13%

EX-15: Number of structures in the 100-year floodplain within Oklahoma City.

Baseline Year: CY 2018

Current Conditions: 6,634 structures

EX-16: Average annual temperature at the Will Rogers World Airport weather monitoring station.

Baseline Year: CY 2018

Current Conditions: 60.07°F

Air Quality

EX-17: Number of days per calendar year of ozone exceedance within the Oklahoma City metro.

Baseline Year: CY 2018

Current Conditions: 11 days

EX-18: Number of public-access electric vehicle service equipment (charging station connections) in Oklahoma City.

Baseline Year: CY 2018

Current Conditions: 33 connections

EX-19: Number of non-electric, public-access alternative fuel stations within Oklahoma City.

Baseline Year: CY 2018

Current Conditions: 45 stations

EX-20: Number of metric tons of citywide GHG emissions.

<u>Baseline Year:</u>	CY 2010
<u>Current Conditions:</u>	8,928,907 tons

EX-21: Percent of commutes by public transportation, walking, and biking based on five-year Census estimates.

<u>Baseline Year:</u>	CY 2017
<u>Current Conditions:</u>	2.2%

EX-22: Dollars of remittance of gas and diesel tax to Oklahoma City.

<u>Baseline Year:</u>	CY 2018
<u>Current Conditions:</u>	\$1,201,819

EX-23: Metric tons of CO₂ per capita emitted from on-road, non-diesel light duty vehicles in Oklahoma County.

<u>Baseline Year:</u>	CY 2014
<u>Current Conditions:</u>	4.79 tons

Waste Reduction

EX-24: Number of metric tons received at East Oak, Southeast, and OKC Waste Disposal landfills.

<u>Baseline Year:</u>	CY 2018
<u>Current Conditions:</u>	1,479,215 tons

EX-25: Number of metric tons of GHG emissions (CO₂e) from East Oak, Southeast, and OKC Waste Disposal landfills.

<u>Baseline Year:</u>	CY 2018
<u>Current Conditions:</u>	470,930 CO ₂ e

