

AVERAGE ACROSS 12 CITIES
AFFORDABILITY SERIES / VOL. 01

THE FUEL WORK-MINUTES INDEX

A benchmark for fuel affordability: how many minutes an average employee must work, at the local net wage, to earn enough to buy one litre of the everyday gasoline grade sold in their city.



12
cities



4
continents



Baseline dataset
Q3 2026



16 August 2026
Cairo, Egypt • spe-cg.com



How the Index is Read

The Gasoline Affordability Index measures the time an average employee needs to work to earn enough income to buy 1 litre of the most commonly used gasoline grade in each city.

01



Fuel Grade

Most commonly used gasoline grade in the local market (everyday use).

02



Work Hours

173.2 hours per month — standard full-time baseline.

03



Formula

Hourly Wage = Net Monthly Salary ÷ 173.2
Minutes per litre = (Fuel Price ÷ Hourly Wage) × 60



Egypt (Cairo): 92 RON



Saudi Arabia (Riyadh): 91 RON

GLOBAL AVERAGE

9.53

minutes of work / 1 litre

New York needs just 1.66 minutes of work to buy 1 litre of gasoline — the most affordable city in this baseline.

Casablanca sits at the other extreme: 25.22 minutes per litre — 15.2x New York's burden.

The average employee across the twelve cities in this baseline needs 9.53 minutes of net wages to afford one litre of everyday gasoline — roughly the length of one traffic-light to-traffic-light commute.

But that average hides an enormous spread — fuel affordability is not just about the pump price, it is about the time an economy asks its workers to trade for it. This index reads that trade directly.



15.2X

gap between the cheapest (New York) and most expensive (Casablanca) city



2.26

average minutes across the three Gulf cities — the most affordable bloc

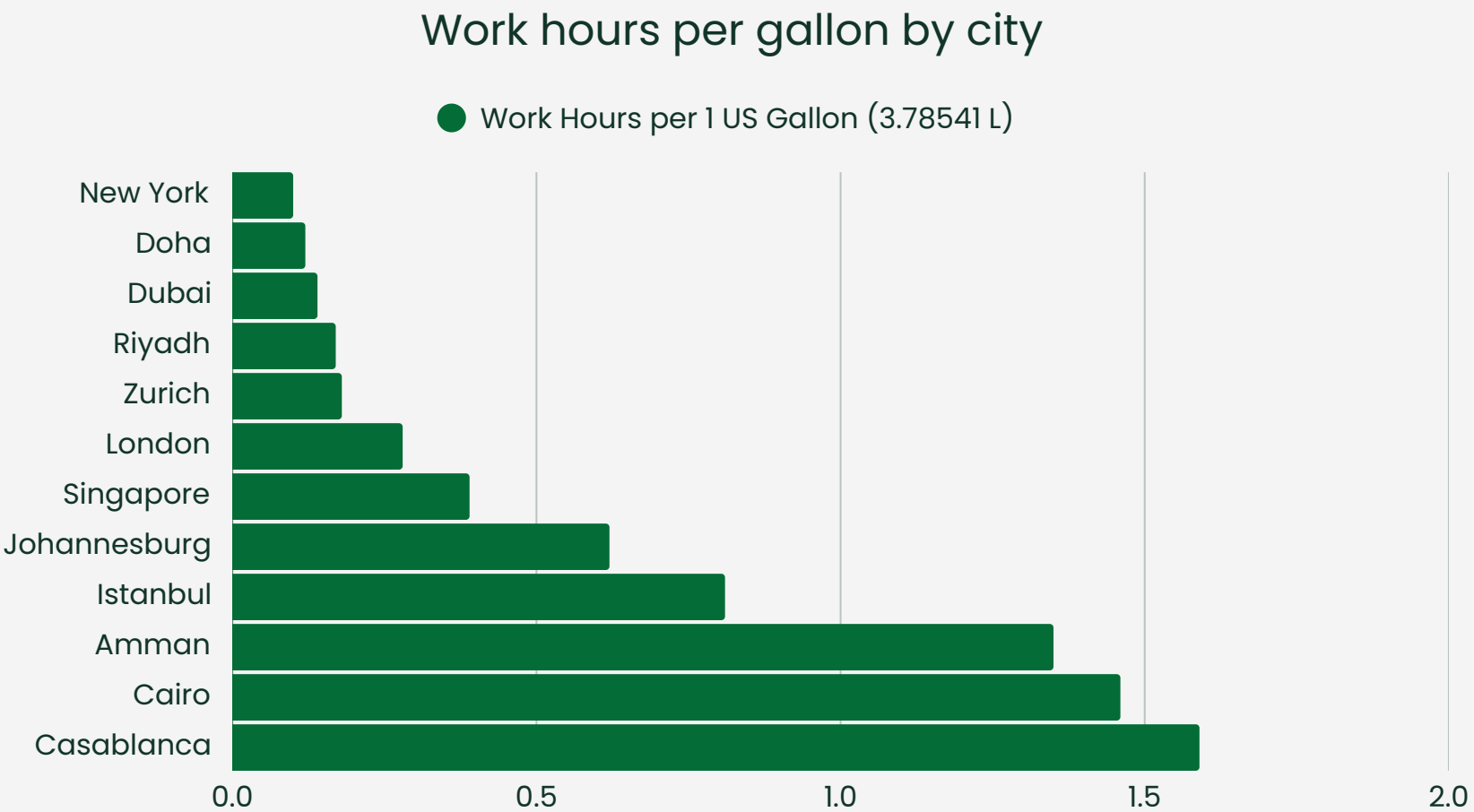
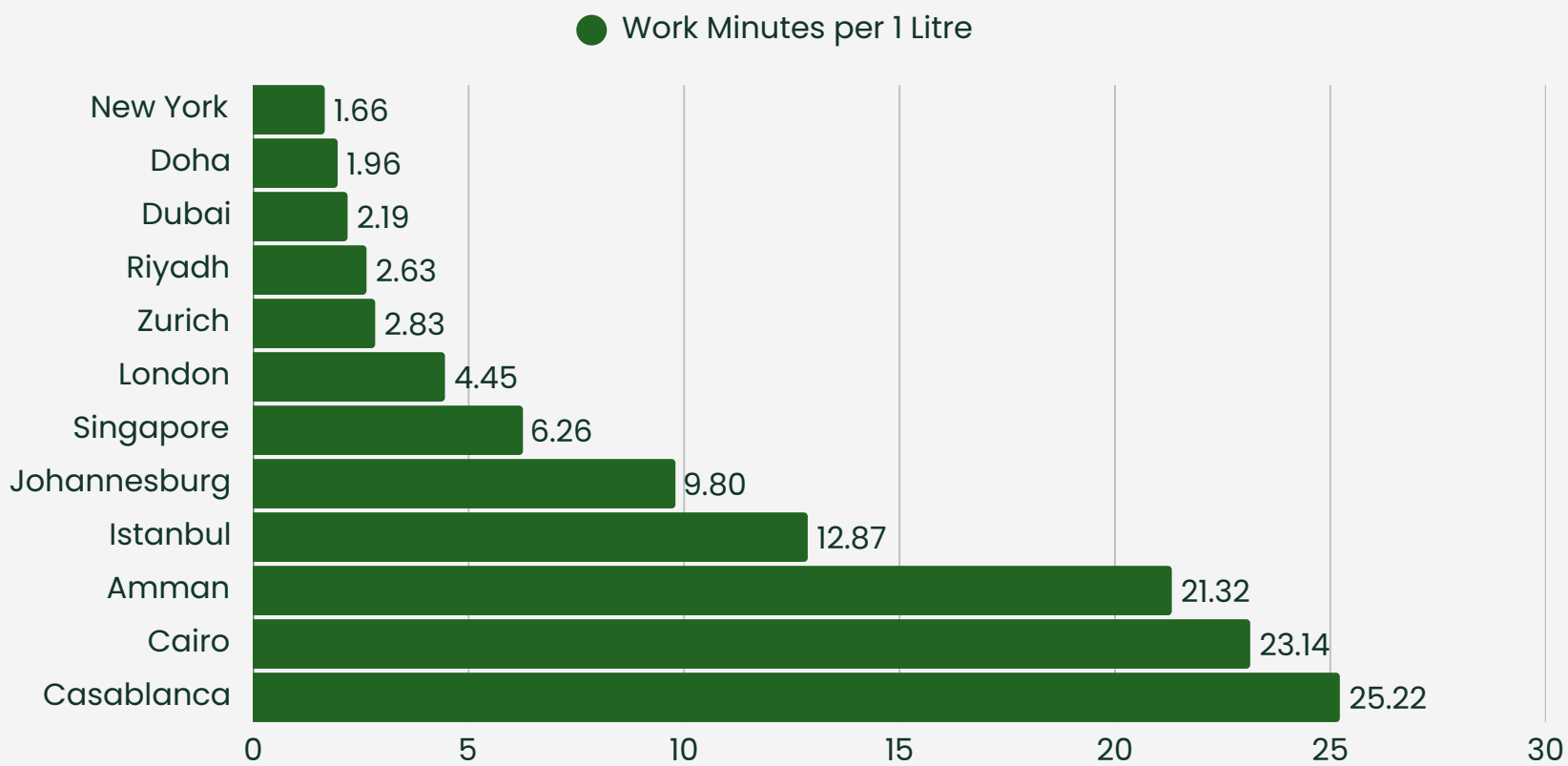


#11

Cairo's rank of 12 — 8.8x costlier than Riyadh

Analytics & Data

How affordable is each city?



APPENDIX — Q3 2026 Core Index Dataset

City	Grade	Price/L	Min/L	Hr/Gal	Conf.
New York	87 AKI	1.12 USD	1.66	0.10	High
Doha	91 RON	2.04 QAR	1.96	0.12	Medium
Dubai	91 RON	3.21 AED	2.19	0.14	High
Riyadh	91 RON	2.18 SAR	2.63	0.17	High
Zurich	95 RON	1.87 CHF	2.83	0.18	Medium
London	95/E10	1.51 GBP	4.45	0.28	Medium
Singapore	95 RON	3.13 SGD	6.26	0.39	Medium
Johannesburg	93 RON	25.94 ZAR	9.80	0.62	Medium
Istanbul	95 RON	67.18 TRY	12.87	0.81	Medium
Amman	90 RON	1.00 JOD	21.32	1.35	High
Cairo	92 RON	22.25 EGP	23.14	1.46	High
Casablanca	95 RON	14.07 MAD	25.22	1.59	Medium

KEY FINDINGS

- New York is the most fuel-affordable city (1.66 min/L)
- Casablanca is the least affordable (25.22 min/L)
- Gulf bloc average: 2.26 min — the most affordable region
- Casablanca-to-New York gap: 15.2x
- Cairo ranks #11 at 23.14 min; Riyadh #4 at 2.63 min

EGYPT & SAUDI SPOTLIGHT

- Egypt/Cairo uses 92 RON at 22.25 EGP/L
- Saudi/Riyadh uses 91 RON at 2.18 SAR/L
- Cairo workers need 8.8x more time than Riyadh workers to buy the same litre of fuel