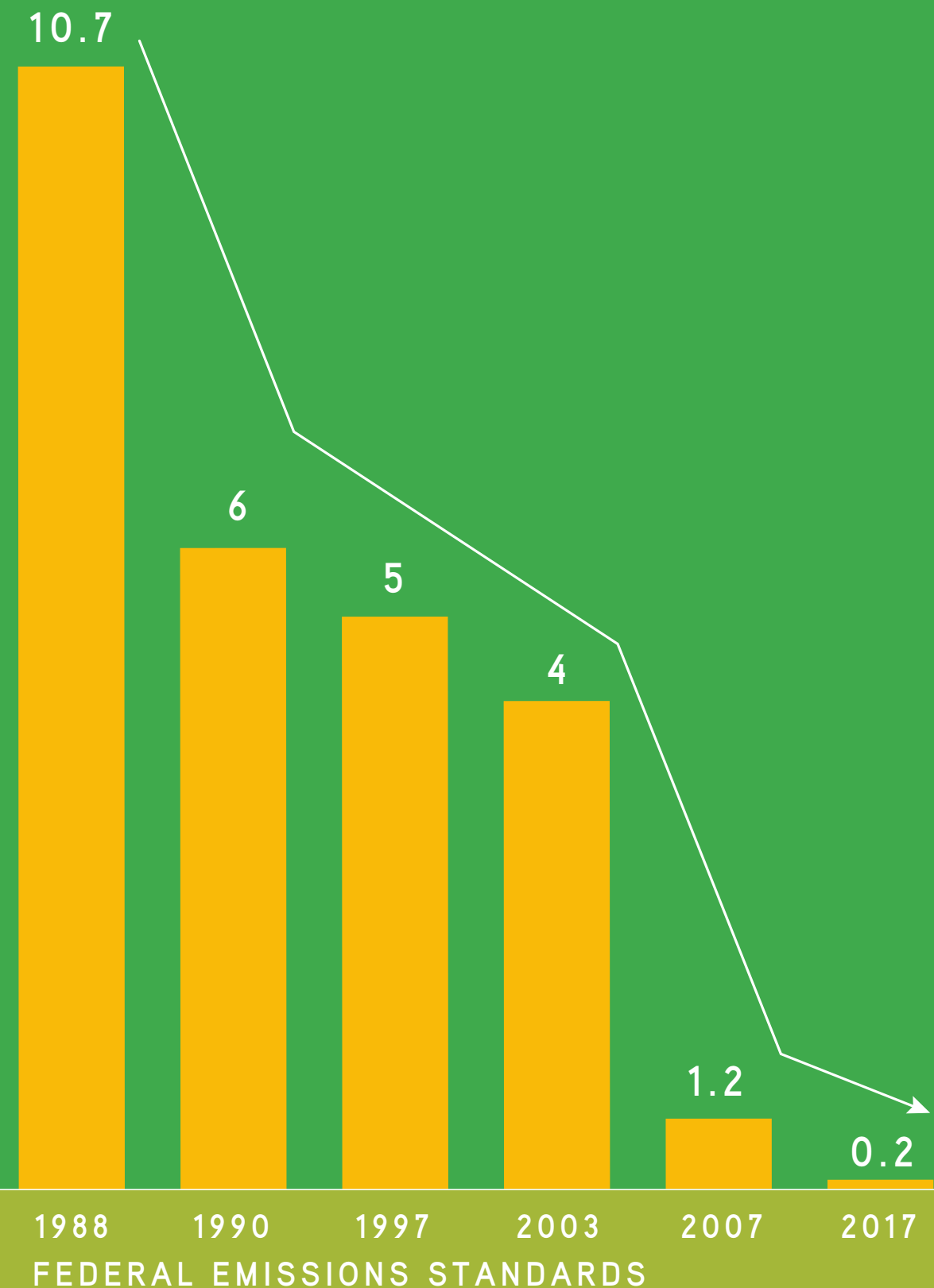


NITROGEN OXIDE EMISSIONS (GRAMS PER BRAKE HP PER HOUR)

FACT:

Diesel has come
a long way in the
last 25 years.



FACT:

All engines today have emissions that are well below federal emissions standards.

		NITROGEN OXIDES <small>(grams per brake hp per hour)</small>	PARTICULATE MATTER <small>(grams per brake hp per hour)</small>	CARBON MONOXIDE <small>(grams per brake hp per hour)</small>	NON-METHANE HYDROCARBON <small>(grams per brake hp per hour)</small>
2017 FEDERAL EMISSIONS STANDARDS		0.20	0.01	15.5	0.14
DIESEL	2017 CUMMINS B6.7	0.14	0.002	0.02	0.03
	DETROIT™ DD5™ <small>(AVAILABLE 2018)</small>	0.09	0.001	0.1	0.014
CNG	CUMMINS ISB 6.7 G	0.08	0.000	3	0.01
PROPANE	2017 ROUSH V10	0.05	0.002	2.3	0.03
	2017 8.0L V8	0.16	0.003	5.6	0.09
GAS	2017 FORD V10	0.08	0.002	12.9	0.08

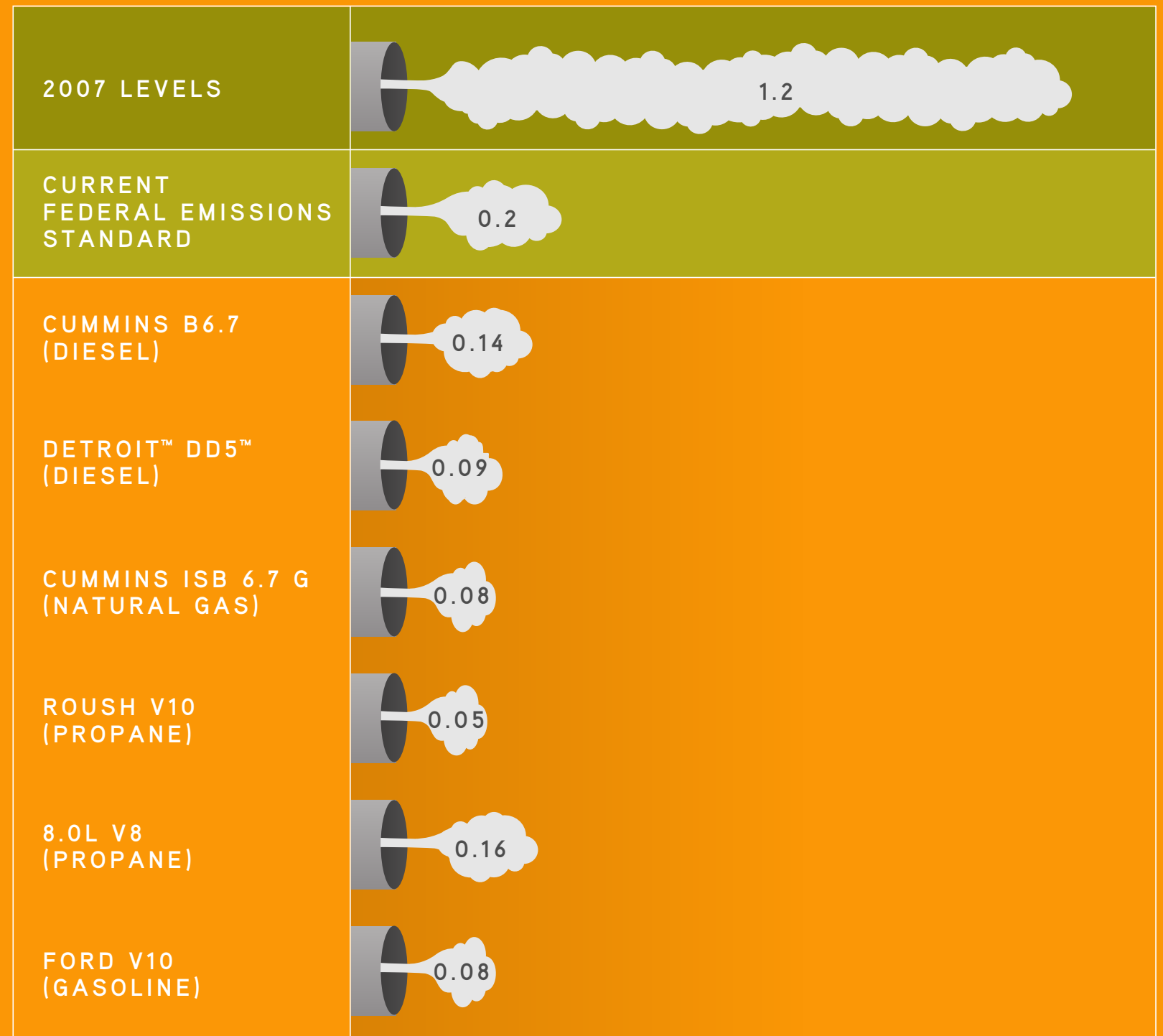
*RESULTS ARE BASED ON FEDERAL TEST PROCEDURE (FTP) CYCLE.

FACT:

All current engines emit 90% less emissions compared to 2006.

NITROGEN OXIDE EMISSIONS

(GRAMS PER BRAKE HP PER HOUR)



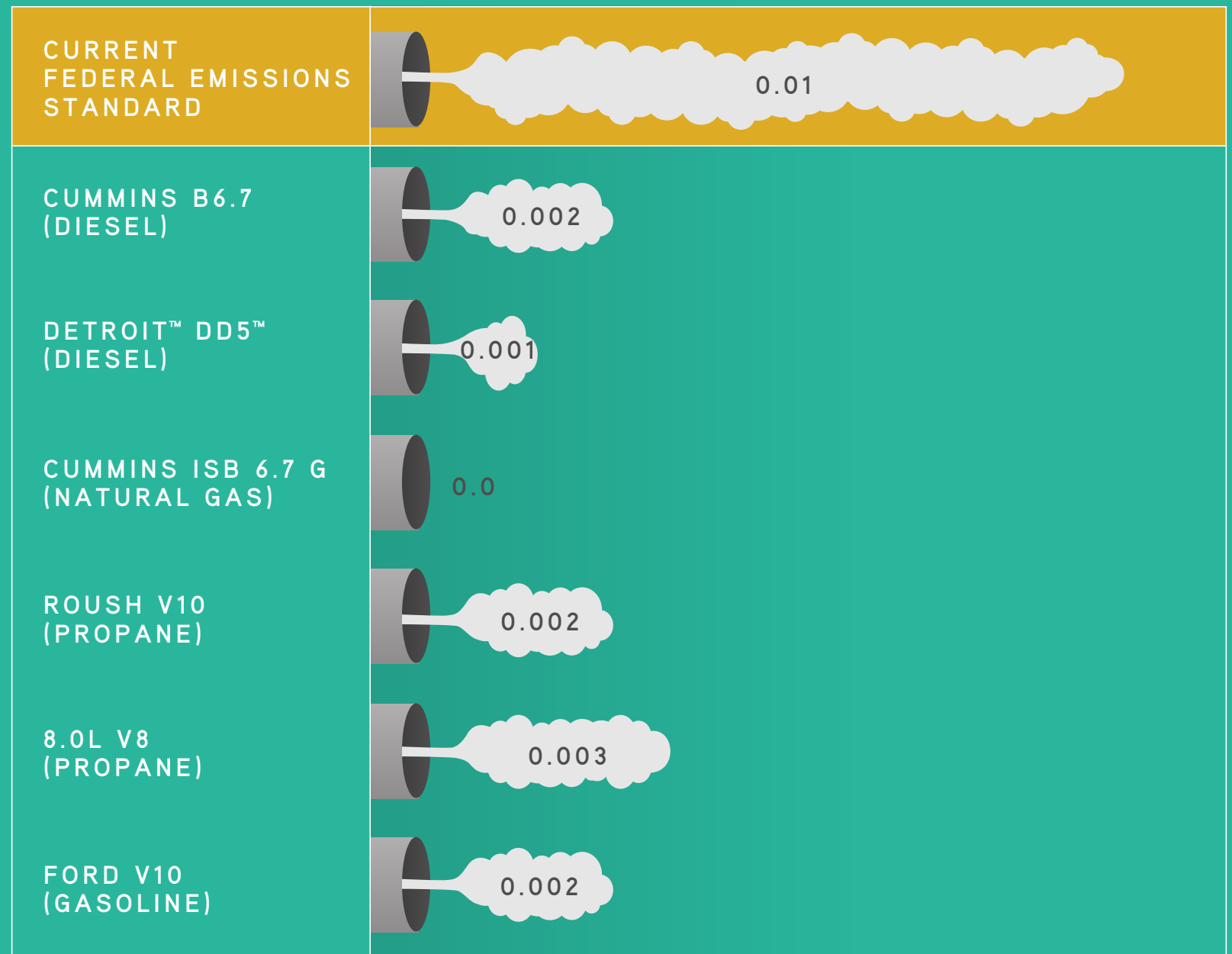
- NITROGEN OXIDE CAUSES ACID RAIN -

FACT:

The difference
in emissions
from engine
to engine is
quite small.

PARTICULATE MATTER EMISSIONS

(GRAMS PER BRAKE HP PER HOUR)



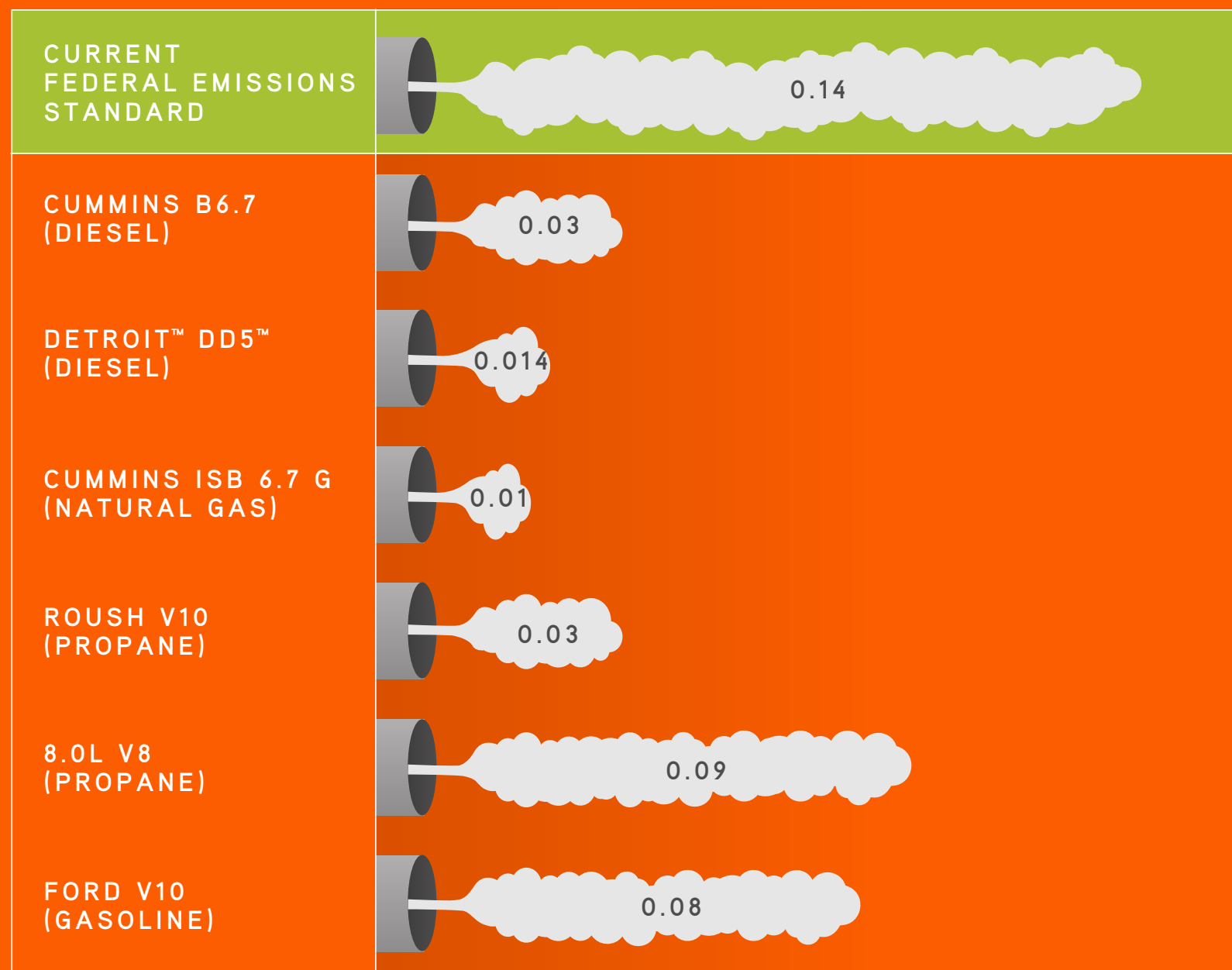
- PARTICULATE MATTER IS A CARCINOGEN -

FACT:

Diesel emissions
are now just
as clean, if not
cleaner, than
other fuel types.

NON-METHANE HYDROCARBON EMISSIONS

(GRAMS PER BRAKE HP PER HOUR)



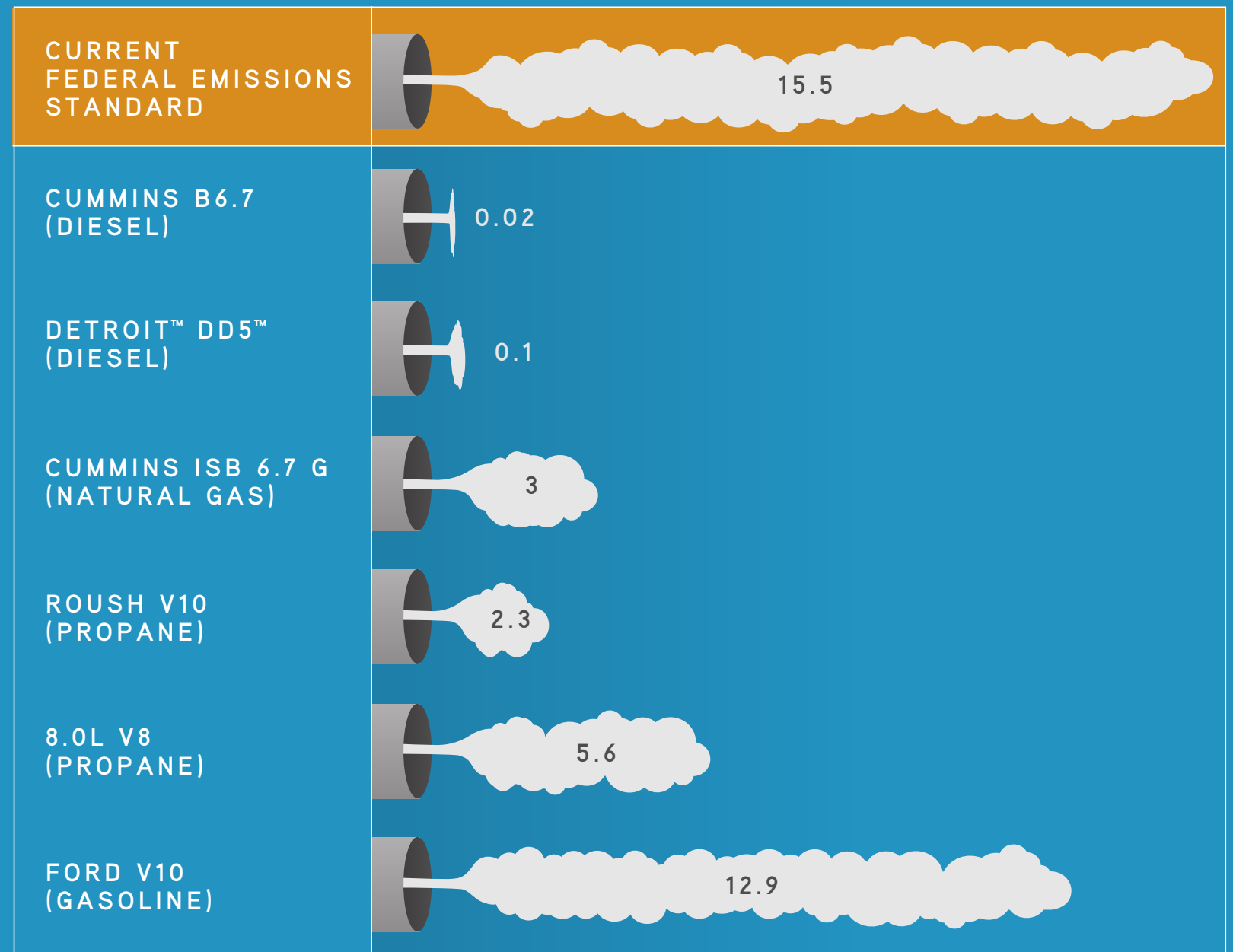
- NON-METHANE HYDROCARBON CAUSES SMOG -

FACT:

Alternative
fuel engines
are not always
the cleanest.

CARBON MONOXIDE EMISSIONS

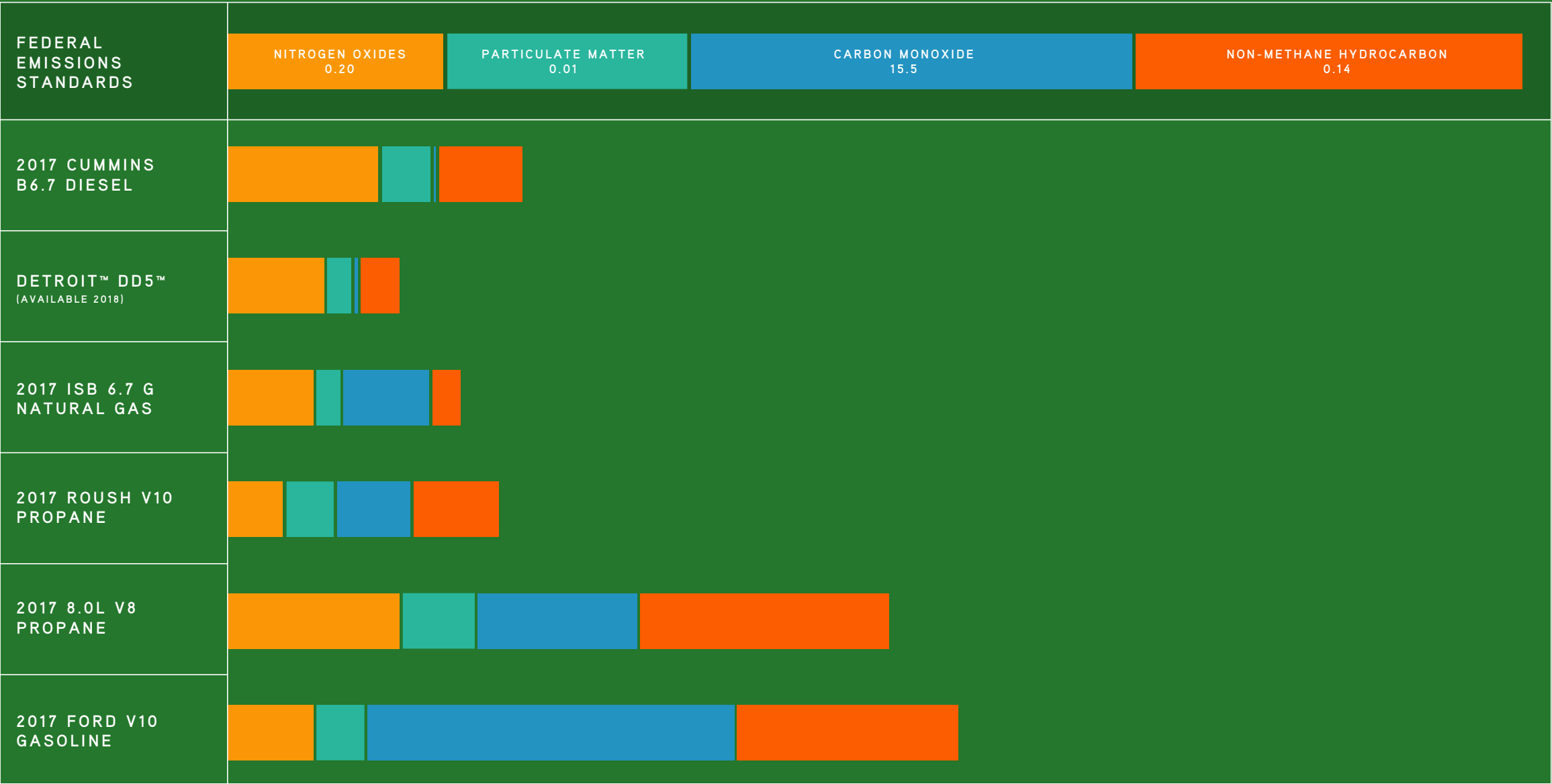
(GRAMS PER BRAKE HP PER HOUR)



- CARBON MONOXIDE IS A GREENHOUSE GAS -

FACT:

All engines currently meet or exceed EPA emissions regulations with further emissions improvements on the horizon.



FACT:

Even though CO₂ is not monitored by the EPA, it is still a greenhouse gas. Over the lifetime of the bus, diesel engines emit less CO₂ than propane or gasoline engines.

	GASOLINE	PROPANE	DIESEL
ENERGY CONTENT/US GALLON	118	98.7	134.5
TOTAL VEHICLE LIFE (MILES)	150,000	150,000	150,000
AVERAGE MILES/GALLON	4.50	4.00	8.50
ENERGY USE/MILE	26.22	24.68	17.93
GALLONS/LIFETIME	33,333	37,500	20,000
CO ₂ EMISSIONS/GALLON (LBS)	19.60	12.72	22.40
CO ₂ EMISSIONS/LIFETIME (LBS)	653,333	477,000	395,294