

TABLE 14.3

**Pollutants emitted in driving 16,000 kilometers (10,000 miles),
in kilograms**

	CO	HC	NO _x	PM ₁₀
Average 1990 car ^a	295	48	23	5.45
Average 1998 car ^b	159	17	17	0.33
Average 1998 pickup/SUV ^b	182	0.1	19	0.06
2001 Volkswagen Lupo ^c	—	4.5	2.8	0.26

Note: CO, carbon monoxide; HC, unburned hydrocarbons; NO_x, nitrogen oxides; and PM₁₀, particles of size under 10 μm.

^aReference 22.

^bReference 23.

^cReference 24.

TABLE 14.2

Savings to Los Angeles if trees were planted, pavement were reflective, and roofs were white

		Direct savings	Indirect savings	Smog benefit	Totals
Cooler roofs	Average peak power	400 MW	200 MW	104 M\$	600 MW
	A/C cost savings	46 M\$/yr	21 M\$/yr		171 M\$/yr
Trees	Average peak power	600 MW	300 MW	180 M\$/yr	900 MW
	A/C cost savings	58 M\$/yr	35 M\$/yr		273 M\$/yr
Cooler pavement	Average peak power	0	100 MW	76 M\$/yr	100 MW
	A/C cost savings		15 M\$/yr		91 M\$/yr
Total	Average peak power	1000 MW	600 MW	360 M\$	1600 MW
	A/C cost savings	104 M\$/yr	71 M\$/yr		360 M\$/yr

Source: Reference 10.