

Cigarette manufacturing

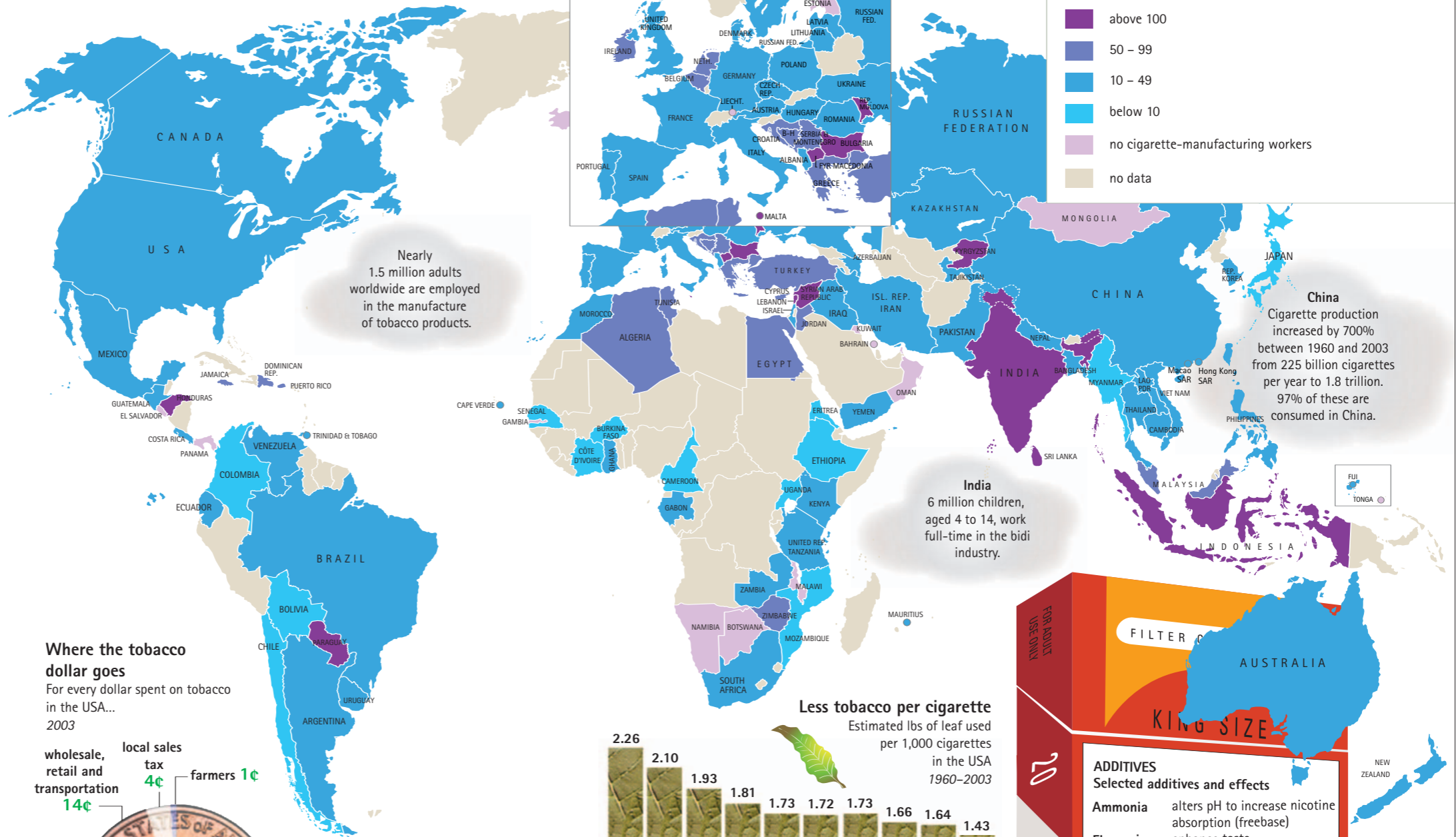
Every year, more than 5 trillion cigarettes are manufactured worldwide. China is by far the largest cigarette manufacturer, followed by the USA.

The economic value of tobacco products amounts to hundreds of billions of US dollars per year. Very little goes to farmers for growing tobacco leaf. More is spent on paper, filters, and packaging than on tobacco. In the USA, the manufacturing sector's share of the tobacco dollar has almost tripled since 1970.

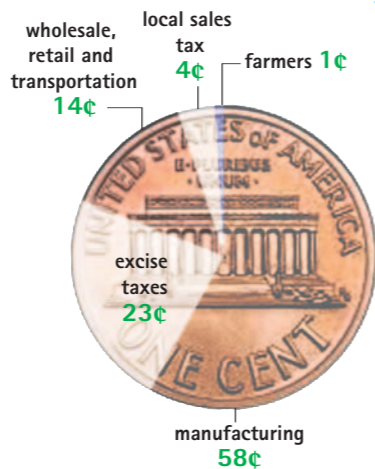
The tobacco industry has taken advantage of countries with inexpensive labour and a more friendly business environment to open new factories in Eastern Europe, for example. Technological advances in both farming and manufacturing are reducing the demand for manpower; this has a far greater impact on jobs than tobacco control efforts.

Cigarettes are highly engineered, exquisitely designed products, described by the US Food and Drug Administration as "nicotine delivery devices". Hundreds of chemicals are added to tobacco in the manufacture of cigarettes, making smoke easier to inhale and allowing companies to use less tobacco in each cigarette.

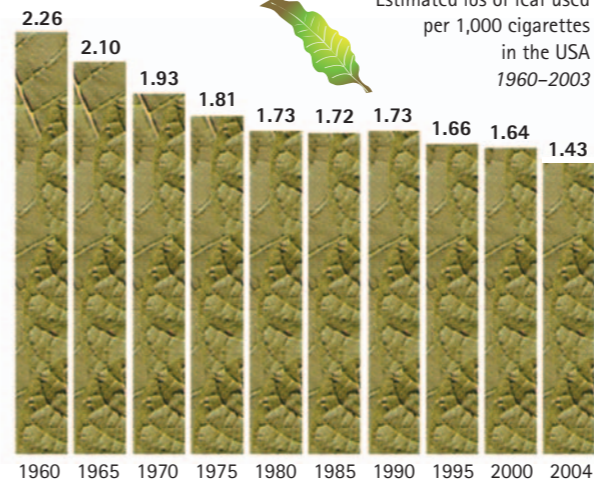
Aside from using less tobacco per cigarette, the composition of the cigarette is also changing. Manufacturers are increasingly using low-quality reconstituted tobacco because adding chemical additives is easier and making cigarettes from previously discarded plant parts, like leaf stems and tobacco dust, increases profit margins.



Where the tobacco dollar goes
For every dollar spent on tobacco in the USA... 2003



Less tobacco per cigarette
Estimated lbs of leaf used per 1,000 cigarettes in the USA 1960-2003



ADDITIVES
Selected additives and effects

- Ammonia** alters pH to increase nicotine absorption (freebase)
- Flavourings** enhance taste
- Sweeteners** make more palatable
- Eugenol and Menthol** numb throat and facilitate inhalation
- Cocoa** dilate airways
- Others** mask smell and visibility of sidestream smoke

other additives: ammonia, ammonium hydroxide, beta-carotene, gentian root extract, levulinic acid, patchouli oil, methylcyclopentenolone, snakeroot oil, cognac oil, rum extract

FOR ADULT USE ONLY
20 mg TAR
1 mg NICOTINE
GOVERNMENT HEALTH WARNING: SMOKING CAN SERIOUSLY DAMAGE YOUR HEALTH