

The use of wood/charcoal as cooking fuel in Suriname



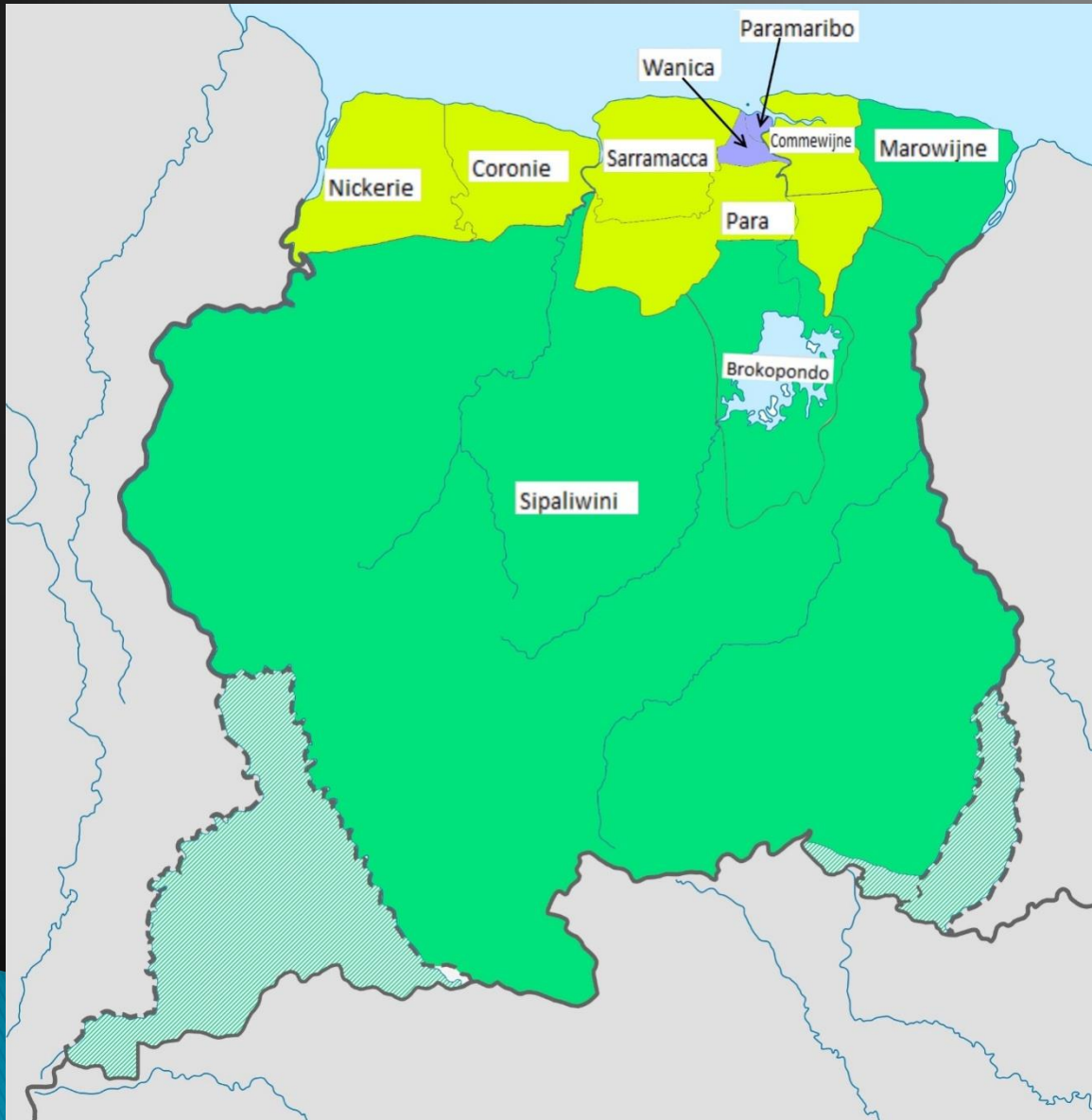
Astracia Warner MSPH
Bureau of Public Health
Suriname
Honduras, June 2015

Suriname

- ▶ Location:
 - North coast of South America, between French Guiana (East), Brazil (South), Guyana (West) and the Atlantic Ocean (North)
- ▶ Total area: 164.000km²
 - 12 % is protected by law
 - > 80% is covered by pristine rain forest
- ▶ Districts: 10
- ▶ Capital: Paramaribo



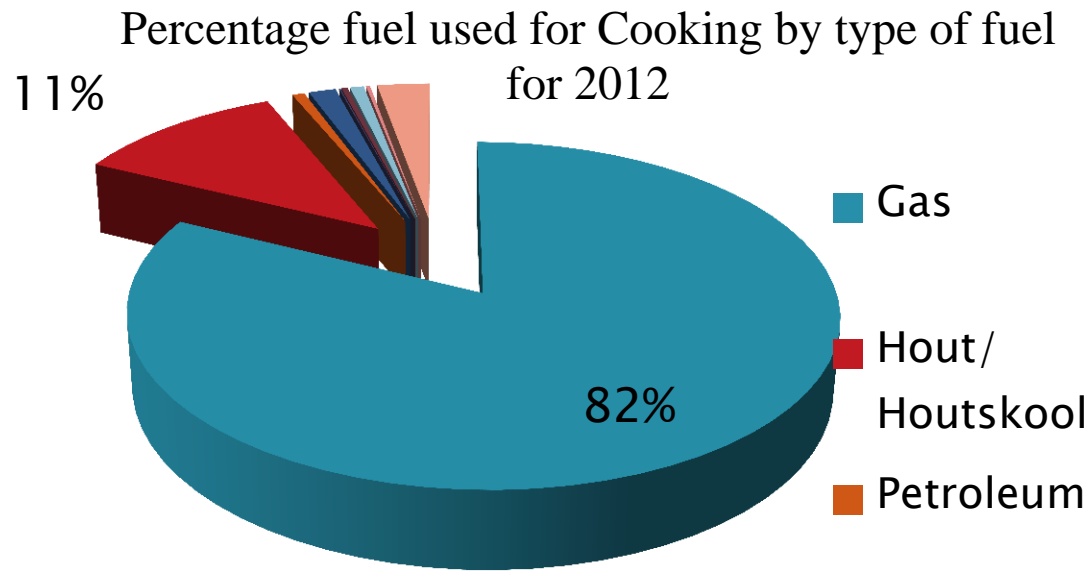
Population of Suriname



	Population	Population density
Urban	359,146	574.6/km²
Rural	111,224	5.4/ km²
Interior	71,268	0.5/ km²
Total	<u>541,638</u>	3.3 / km ²

- ▶ Home of many cultures and ethnic groups: largest groups are
 - descendants from India, Indonesia, Africa, China
 - Native Indians
 - Mixed
 - Others

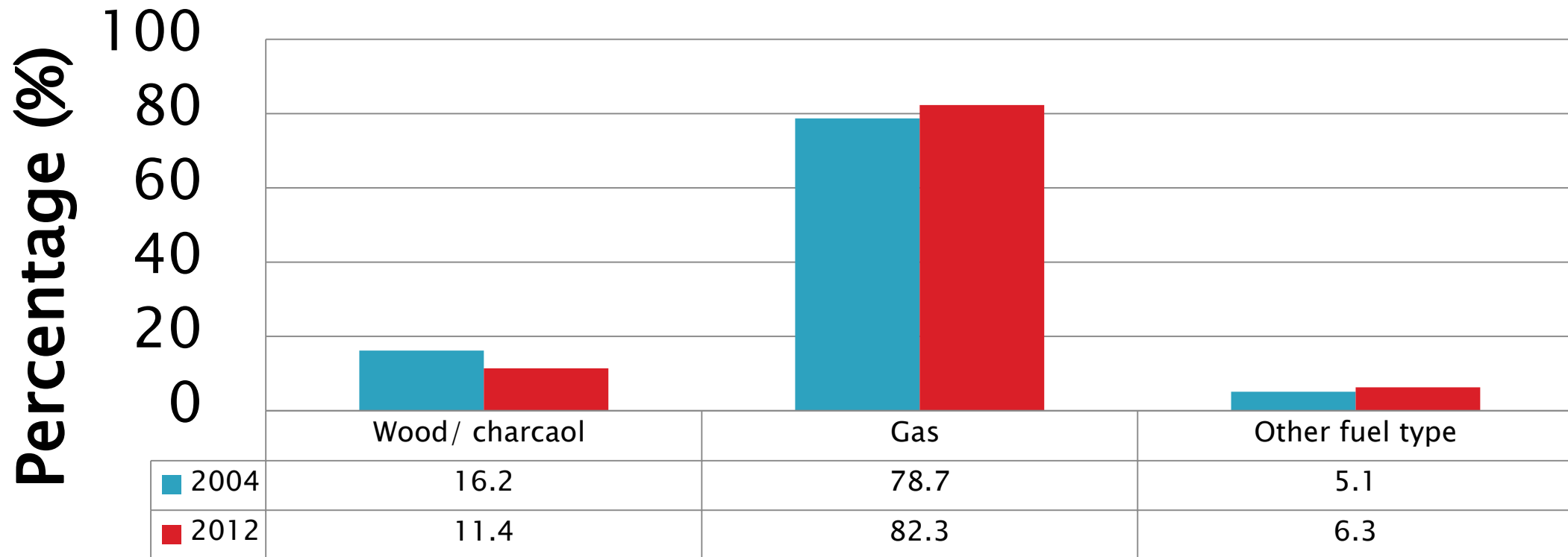
Use of different fuel types for cooking



Cooking Fuel	Percentage of households (%)
Gas	82.28
Wood	11.40
Petroleum	0.66
Electricity	1.47
Solar Energie	0.08
Biogas	0.33
Does not Cook	0.75
Other	0.22
Unknown	2.82

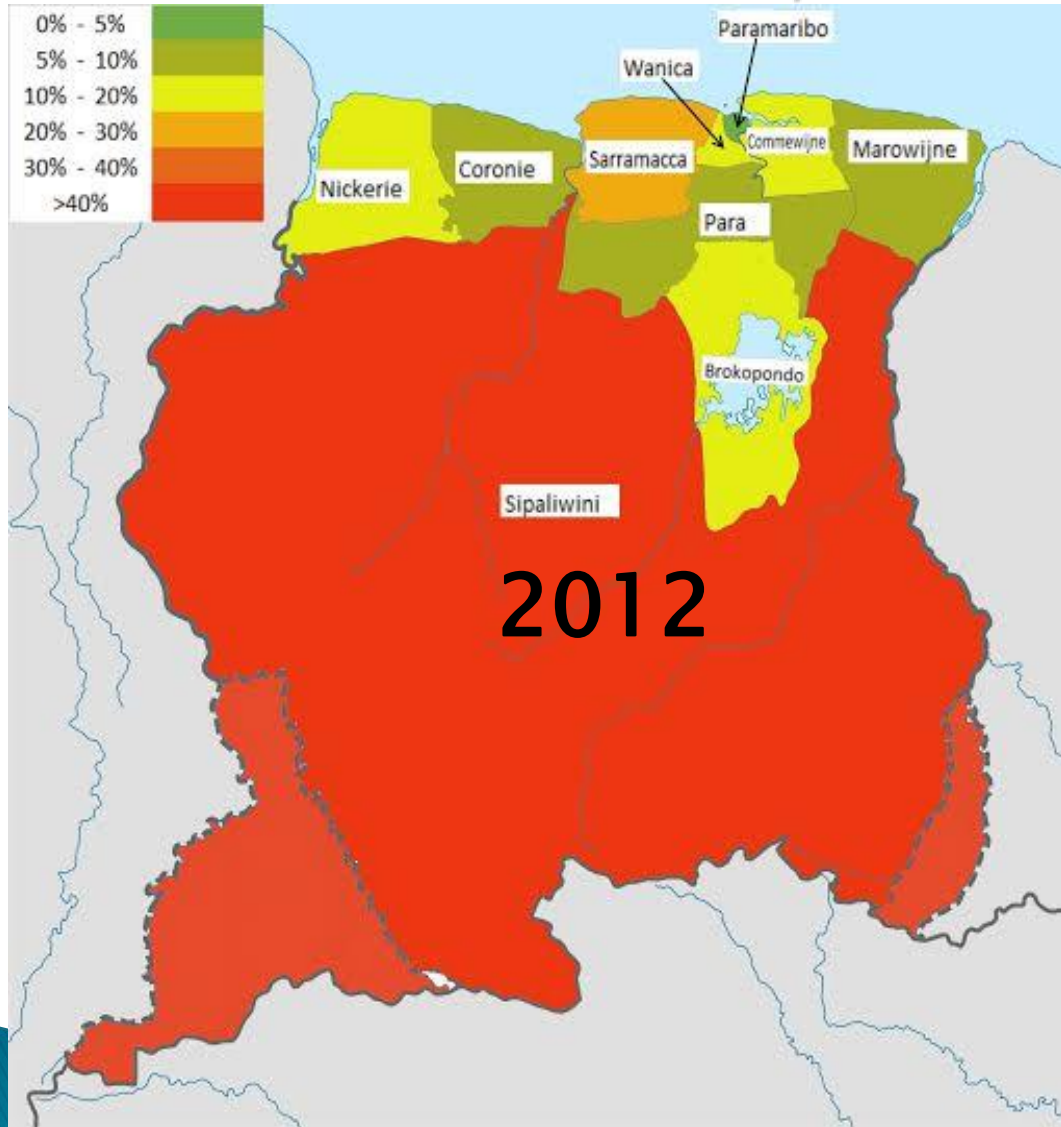
Fuel type	Cost (USD)
Propane gas 20 lbs	10.67
wood	Practically free

Households in Suriname by kind of fuel for cooking, 2004 and 2012

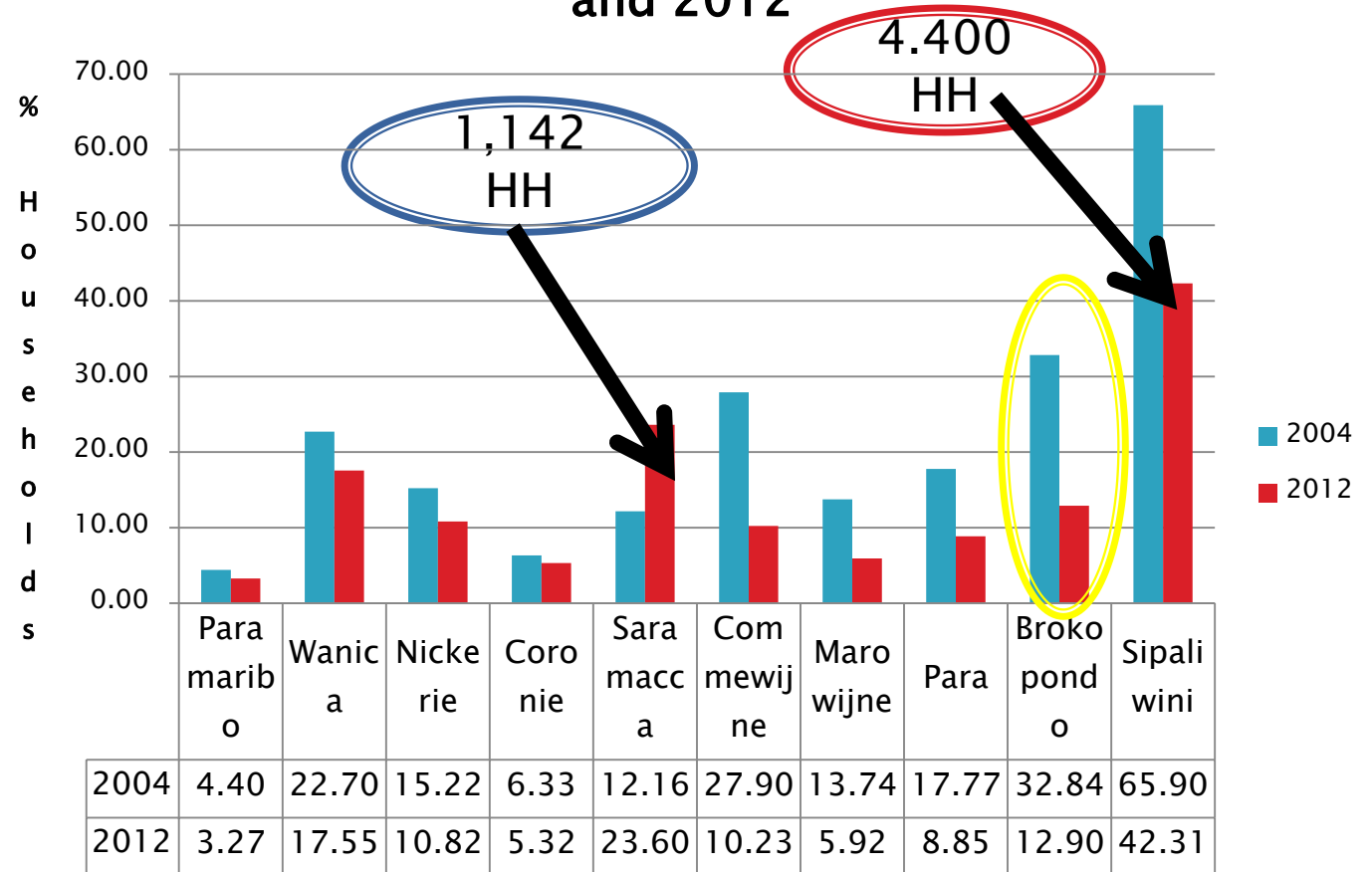


Source: Census data, Suriname

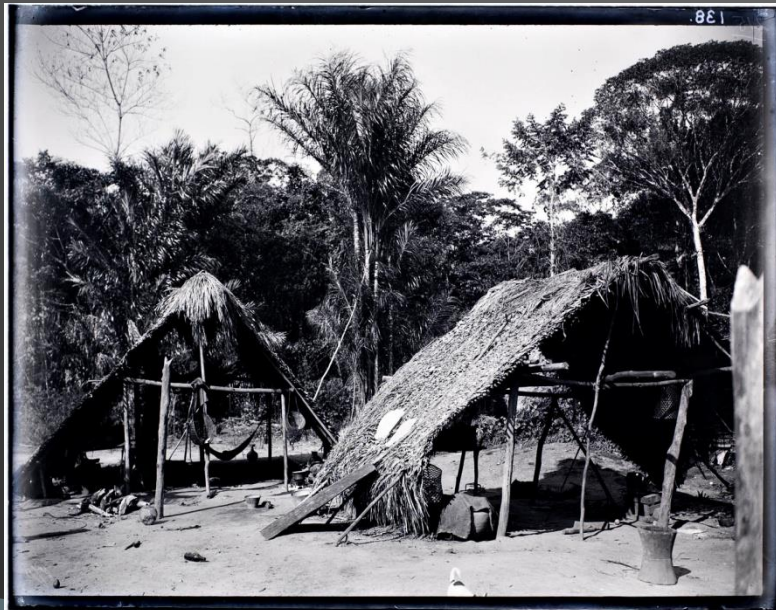
Use of wood/charcoal for cooking per district



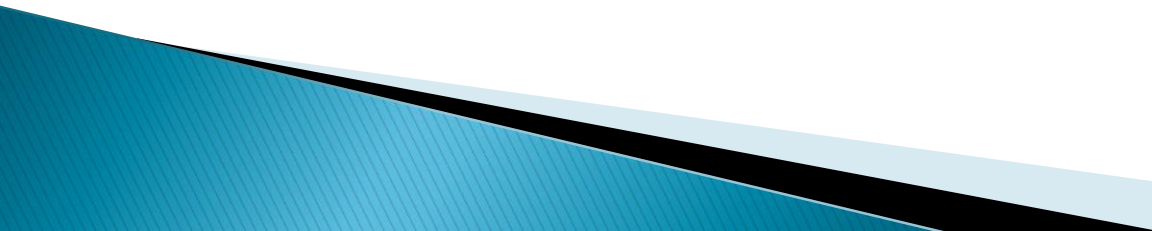
Use of wood/charcoal as cooking fuel by households per district in Suriname in 2004 and 2012



Source: Census data, Suriname



Conclusion

- ▶ Propane gas is the main cooking fuel used by households
 - ▶ Wood/charcoal is used by 11.4 % of the households
 - ▶ Number of households using wood/charcoal for cooking has decreased drastically in the last decade due to
 - Increased availability of gas
 - Economic growth/ welfare
 - Comfort
 - ▶ Use of wood/charcoal is not only related to economic status but also to ethnicity
 - ▶ Lack of studies on health impacts related to indoor air pollution
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obrigado

Dank U

Merci

mahalo

Köszí

спасибо

Grazie

Thank
you

mauruuru

Takk

Gracias

Dziękuję

Děkuju

danke

Kiitos