

Current Firewood Use in Virginia

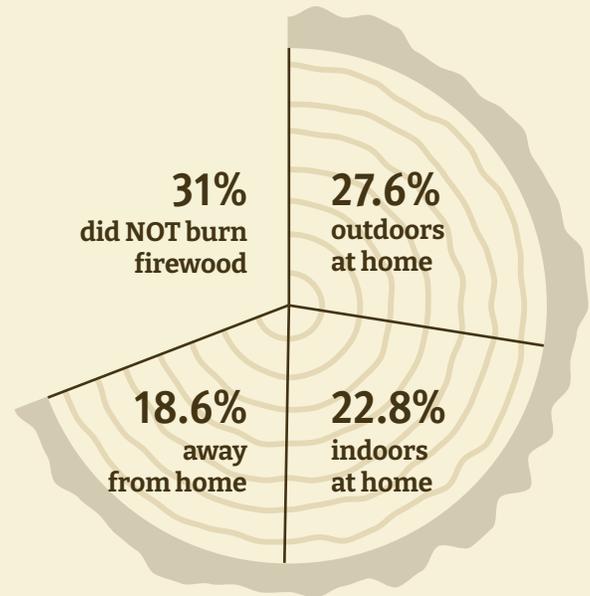
This factsheet is part of a series based on findings from *Household Firewood Use in Virginia and North Carolina: A Survey of Consumer Opinions and Activities*

1: SURVEY OVERVIEW · 2: **CURRENT FIREWOOD USE** · 3: FIREWOOD USE PERCEPTIONS · 4: FUTURE FIREWOOD USE

Summary

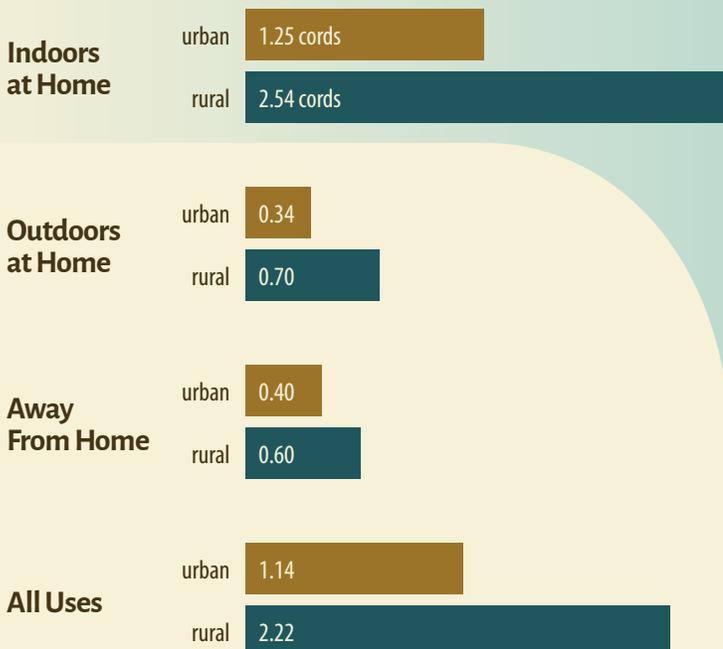
- Over **2/3** of respondents had burned firewood.
- More respondents burned firewood **outdoors at home** than in any other setting.
- The most wood was burned **indoors at home**, mostly for heating purposes.
- The major source of firewood was from the **respondent's own property or other private property**.
- **Hardwoods** were by far the most popular type of firewood burned, particularly for indoor use.
- Most firewood was dried in **open air**.
- The most popular appliances for burning firewood were **indoor fireplace, indoor wood stove, and metal or stone firepit**.

WHERE is Firewood Burned?



HOW MUCH Firewood is Burned?

Respondents were asked to estimate the amount of firewood they used in a typical year. Below are the mean cords per year for each setting.



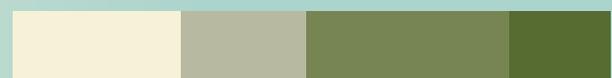
Indoor Firewood Uses

Respondents that burned firewood indoors at home were asked to share how they used firewood and how frequently they did.



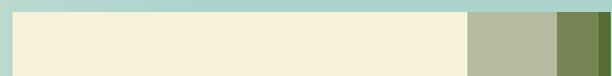
Heating, 149 people (37%)

(9%, 17%, 30%, 44%)



Ambiance, 126 people (31.5%)

(28%, 21%, 34%, 17%)



Cooking, 120 people (30%)

(76%, 15%, 7%, 2%)

How Is Firewood Burned Summary Table

Source, type, drying and appliance summaries for all burning settings.



Indoors at Home



Outdoors at Home



Away From Home

Source

Indoors at Home	Outdoors at Home	Away From Home
37% Own property	49% Own property	26% Own property
23% From seller	19% Other private property	21% Other private property
21% Other private property	13% From retail store	17% From retail store
9% From retail store	10% From seller	13% From seller
5% From free giveaway	4% From free giveaway	12% Public property
3% Public property	3% Public property	5% From free giveaway
2% Other	2% Other	5% Other

Type

It is likely that softwoods are avoided for indoor burning due to BTU and creosote concerns but its ease to catch fire make it desirable for outdoor leisure burning.

Indoors at Home	Outdoors at Home	Away From Home
69% Hardwoods	52% Hardwoods	48% Hardwoods
18% Softwoods	32% Softwoods	26% Softwoods
11% Unknown	14% Unknown	25% Unknown
2% Wood Pellets	1% Wood Pellets	1% Wood Pellets

Drying

Respondents that purchased firewood may have underreported burning "dried in kiln" and "heat treated" firewood, because they were not aware of how firewood was prepared.

Indoors at Home	Outdoors at Home	Away From Home
85% Dried in open air	78% Dried in open air	63% Dried in open air
8% Unknown	13% Unknown	29% Unknown
5% Dried in kiln	6% Dried in kiln	7% Dried in kiln
2% Heat treated	3% Heat treated	1% Heat treated

Appliance

Indoors at Home	Outdoors at Home	Away From Home
48% Indoor fireplace	56% Metal or stone firepit	41% Metal or stone firepit
41% Indoor firewood stove	19% Bonfire	25% Bonfire
5% Other	18% Fireplace or chiminea	16% Fireplace or chiminea
3% Indoor pellet stove	7% Other	9% Indoor fireplace
3% Outdoor furnace		6% Indoor firewood stove
		2% Other
		1% Outdoor furnace