

Limitations on Retail Sale Locations of Tobacco, Nicotine or Hemp Products in Fairfax County: Research Data



FAIRFAX COUNTY HEALTH DEPARTMENT



TABLE 1. DATA SOURCES

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CATEGORY	ABBREVIATION	AGENCY AND DATASET	YEARS
TOBACCO RETAIL ENVIRONMENT	NOVA TAX	List of tobacco retail requested from NOVA Cigarette Tax Board Dec 2024	2024
	VA TAX	List of tobacco retail requested from VA Dept of Tax Dec 2024	2024
	SYNAR	VA Dept of Behavioral Health and Dev Services Tobacco 21 compliance and inspection lists, requested Jan 2025	2020–2024
YOUTH LEARNING SPACES	FCPS	Fairfax County Public Schools (FCPS) Facilities information accessed via Fairfax County GIS	2024
	NCS/VDSS	Child day centers identified via VA Dept of Social Services and accessed via Fairfax Neighborhood and Community services (NCS) Child Care Facility layer on Fairfax County GIS	2024
	VCPE/NCES	List of accredited private schools requested from Virginia Council for Private Education in Jan 2025	2024
	NCES	Enrollment for Public and Private Schools, downloaded from National Center for Education Statistics in Jan 2025	2023/2022
TOBACCO AND VAPE USE	YRBS	Youth Survey – Fairfax County Data Analytics; YRBS VA and US accessed via Fairfax County Data Analytics Youth Survey Data Explorer	2015–2023
ZONING AREAS	FFX GIS	Fairfax County, Virginia; Fairfax County Department of Information Technology GIS Division, Avineon Inc. and Timmons Group (2017 Updates), Geodecisions and Plangraphics, Inc (2009 Updates), ASI Technologies (1997)	2024
BUILDING PERIMETERS	FFX GIS	Fairfax County, Virginia; Fairfax County Department of Information Technology GIS Division Fairfax County, Virginia	2024



TABLE 2. YOUTH LEARNING FACILITIES BY PROXIMITY TO TOBACCO RETAIL

TABLE 2. YOUTH LEARNING FACILITIES BY PROXIMITY TO TOBACCO RETAIL (2024)			
LEARNING FACILITY TYPE	% FACILITIES WITH TOBACCO RETAIL WITHIN 1000 FT	AVG # OF TOBACCO RETAILERS PER LEARNING FACILITY WHEN ANY WITHIN 1000 FT	ESTIMATED # OF YOUTH ENROLLED AT FACILITIES WITHIN 1000 FT OF TOBACCO RETAIL
PUBLIC K-12	15%	2.3	22,970
PRIVATE K-12	22%	2.5	3,280
CHILD DAY CENTER & SACC	24%	2.2	14,670
TOTAL	22%	2.3	40,920

BASED ON DATA AS OF 12/31/24
REGULATION DOES NOT APPLY TO LOCATIONS OPERATING PRIOR TO JULY 1, 2024.



TABLE 3. YOUTH LEARNING FACILITY CHARACTERISTICS WITH PROXIMITY TO TOBACCO RETAIL

TABLE 3. YOUTH LEARNING FACILITY CHARACTERISTICS WITH PROXIMITY TO TOBACCO RETAIL (2024)				
LEARNING FACILITY TYPE	% OF TOTAL FACILITIES	% FACILITIES WITH TOBACCO RETAIL WITHIN 1000 FT	AVG # OF TOBACCO RETAILERS PER LEARNING FACILITY WHEN ANY WITHIN 1000 FT	ESTIMATED # OF YOUTH ENROLLED AT FACILITIES WITHIN 1000 FT OF TOBACCO RETAIL
PUBLIC K-12				
ELEMENTARY SCHOOL	74%	14%	2.3	11,700
MIDDLE SCHOOL	12%	23%	1.6	5,600
HIGH SCHOOL	14%	11%	3.0	5,670
TITLE 1	21%	22%	2.0	26,170
CHILD DAY CENTERS				
SACC	26%	14%	1.9	2,230
RELIGIOUS EXEMPT	14%	26%	2.2	1,530
STATE LICENSED	60%	29%	2.3	10,900
PRIVATE K-12				
LOWER (PK-6)	72%	18%	2.8	1,150
LOWER-UPPER (PK-12)	21%	32%	2.4	1,830
UPPER (8-12)	7%	33%	1.7	300

BASED ON DATA AS OF 12/31/24
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TABLE 4. TOBACCO 21 COMPLIANCE CHECKS AND OUTCOMES BY SUPERVISOR DISTRICT

TABLE 4. TOBACCO 21 COMPLIANCE CHECKS AND OUTCOMES BY SUPERVISOR DISTRICT (2020-2024)

Supervisor	% TOBACCO 21 COMPLIANCE CHECKS RESULTING IN SALE TO UNDERCOVER MINOR	% COMPLIANCE CHECKS WITH CIVIL MONEY PENALTY OUTCOME*
FRANCONIA	31%	15%
BRADDOCK	30%	14%
MASON	28%	10%
SULLY	26%	12%
PROVIDENCE	20%	8%
MOUNT VERNON	17%	8%
HUNTER MILL	16%	0%
SPRINGFIELD	14%	10%
DRANESVILLE	4%	0%
TOTAL	23%	9%

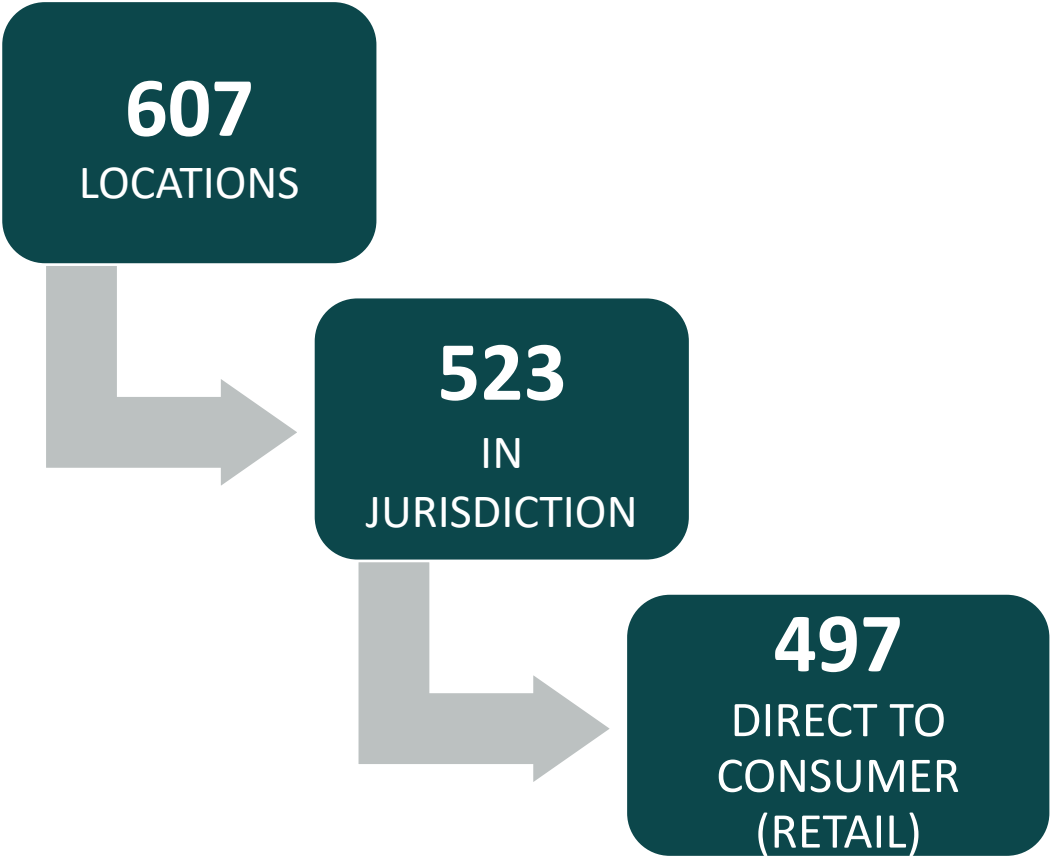
*Civil money penalties are issued after multiple violations of sales to minors

BASED ON DATA AS OF 12/31/24
REGULATION DOES NOT APPLY TO LOCATIONS OPERATING PRIOR TO JULY 1, 2024.



FIGURE 1. CURRENT TOBACCO RETAIL LOCATIONS

FIGURE 1. CURRENT TOBACCO RETAIL LOCATIONS, FAIRFAX COUNTY, 2024



BASED ON DATA AS OF 12/31/24
REGULATION DOES NOT APPLY TO LOCATIONS OPERATING PRIOR TO JULY 1, 2024.



FIGURE 2. TOBACCO RETAIL LOCATION CHANGE OVER TIME

FIGURE 2. TOBACCO RETAIL CHANGE OVER TIME, FAIRFAX COUNTY, 2024



BASED ON DATA AS OF 12/31/24
REGULATION DOES NOT APPLY TO LOCATIONS OPERATING PRIOR TO JULY 1, 2024.



TABLE 5. RETAILER DENSITY PER SQUARE MILE BY JURISDICTION (NORTHERN VA, 2024)

TABLE 5. RETAILER DENSITY PER SQUARE MILE BY JURISDICTION (2024)	
JURISDICTION	RETAILER DENSITY PER SQUARE MILE
ALEXANDRIA CITY	4.4
ARLING COUNTY	3.8
FAIRFAX COUNTY	1.3
PRINCE WILLIAM COUNTY	0.6
LOUDOUN COUNTY	0.3

BASED ON DATA AS OF 12/31/24
REGULATION DOES NOT APPLY TO LOCATIONS OPERATING PRIOR TO JULY 1, 2024.



TABLE 6. CURRENT FAIRFAX COUNTY RETAILERS BY TYPE AND PROXIMITY TO YOUTH LEARNING FACILITIES

TABLE 6. CURRENT FAIRFAX COUNTY RETAILERS BY TYPE AND PROXIMITY TO YOUTH LEARNING FACILITIES (2024)				
RETAIL TYPE	% OF CURRENT RETAIL LOCATIONS	% OF RETAIL TYPE WITHIN 1000 FT OF PUBLIC OR PRIVATE K-12 AND CHILD DAY CENTER OR SACC	% OF RETAIL TYPE WITHIN 1000 FT OF PUBLIC OR PRIVATE K-12	% OF RETAIL TYPE WITHIN 1000 FT OF PUBLIC K-12
Fueling/Gas Station	34%	49%	23%	12%
Convenience Store	21%	49%	28%	17%
Grocery/Supermarket	21%	45%	20%	9%
Stand-alone/Specialty	16%	43%	21%	14%
Other	5%	42%	23%	8%
Pharmacy	3%	60%	27%	13%

BASED ON DATA AS OF 12/31/24
REGULATION DOES NOT APPLY TO LOCATIONS OPERATING PRIOR TO JULY 1, 2024.



TABLE 7. CURRENT FAIRFAX COUNTY RETAILERS BY SUPERVISOR DISTRICT AND PROXIMITY TO YOUTH LEARNING FACILITIES (2024)

TABLE 7. CURRENT FAIRFAX COUNTY RETAILERS BY SUPERVISOR DISTRICT AND PROXIMITY TO YOUTH LEARNING FACILITIES (2024)				
SUPERVISOR DISTRICT	% OF CURRENT RETAIL LOCATIONS	% OF RETAIL TYPE WITHIN 1000 FT OF PUBLIC OR PRIVATE K-12 AND CHILD DAY CENTER OR SACC	% OF RETAIL TYPE WITHIN 1000 FT OF PUBLIC OR PRIVATE K-12	% OF RETAIL TYPE WITHIN 1000 FT OF PUBLIC K-12
MASON	23%	53%	21%	11%
FRANCONIA	14%	33%	17%	14%
MOUNT VERNON	14%	46%	16%	7%
PROVIDENCE	13%	52%	29%	22%
SULLY	10%	48%	19%	12%
DRAINESVILLE	7%	57%	57%	34%
HUNTER MILL	7%	36%	9%	0%
BRADDOCK	6%	67%	40%	13%
SPRINGFIELD	5%	26%	15%	0%

BASED ON DATA AS OF 12/31/24
REGULATION DOES NOT APPLY TO LOCATIONS OPERATING PRIOR TO JULY 1, 2024.

