

### Data Sources and References

**Data Disclaimer:** This data is intended to be illustrative of key metrics related to climate and energy initiatives for Arlington County. The data sources include publicly available data, internal data, and correspondence with other local government staff for the best available sources that are listed in the table below. Efforts were made to source published data that is readily accessible. Data availability gaps exist for some metrics when public data was unavailable. Periodic updates and enhancements are planned moving forward.

Metric	Unit	Metric Year	Data Sources
<b>Building Metrics</b>			
LEED® Buildings (Silver) Government Buildings	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D</a>
LEED® Buildings (Gold) Government Buildings	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D</a>
LEED® Buildings (Platinum) Government Buildings	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D</a>
LEED® Buildings (Silver) Schools	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22Schools+-+New+Construction%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22Schools+-+New+Construction%22%5D</a> Note: Fairfax County public school projects are designed to the Virginia Collaborative for High Performance Schools (VA-CHPS) criteria.
LEED® Buildings (Gold) Schools	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22Schools+-+New+Construction%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22Schools+-+New+Construction%22%5D</a>
LEED® Buildings (Platinum) Schools	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22Schools+-+New+Construction%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22Schools+-+New+Construction%22%5D</a>
Net-Zero Energy or Net-Zero Ready Schools	Number of Buildings per 100,000 people	2023	<a href="https://www.apsva.us/design-and-construction/sustainability/in-aps-facilities/">https://www.apsva.us/design-and-construction/sustainability/in-aps-facilities/</a> <a href="https://www.acps.k12.va.us/departments/facilities-operations/office-of-capital-programs-planning-design/douglas-macarthur-modernization/fags-for-douglas-macarthur-modernization-project">https://www.acps.k12.va.us/departments/facilities-operations/office-of-capital-programs-planning-design/douglas-macarthur-modernization/fags-for-douglas-macarthur-modernization-project</a> <a href="https://www.usgbc.org/articles/schools-virginia-and-washington-dc-blaze-trail-net-zero-energy">https://www.usgbc.org/articles/schools-virginia-and-washington-dc-blaze-trail-net-zero-energy</a>
LEED® Buildings (Silver) – Private Sector	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D</a> Note: In the Private Sector, each jurisdiction has different Green Building Programs, or requirements.
LEED® Buildings (Gold) – Private Sector	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D</a> Note: In the Private Sector, each jurisdiction has different Green Building Programs, or requirements.
LEED® Buildings (Platinum) – Private Sector	Number of Buildings per 100,000 people	2023	<a href="https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D">https://www.usgbc.org/projects?Country=%5B%22United+States%22%5D&amp;State=%5B%22Virginia%22%5D&amp;Rating+System=%5B%22New+Construction%22%2C%22Core+and+Shell%22%2C%22Mid-rise%22%5D</a> Note: In the Private Sector, each jurisdiction has different Green Building Programs, or requirements.
Earthcraft Buildings – Private Sector	Number of Buildings per 100,000 people	2021	The data for Earthcraft is from MWCOG's 2022 Dashboard, the most recent year available. Earthcraft does not publicly list certified projects on its website.
ENERGY STAR Certification – Private Sector	Number of Buildings per 100,000 people	2023	<a href="https://www.energystar.gov/buildings/certified_buildings_and_plants">https://www.energystar.gov/buildings/certified_buildings_and_plants</a>
Green Building Square Footage	Square footage per person	2021	This data is from MWCOG's 2022 Dashboard, the most recent year available.
Affordable Housing LEED® Buildings	Number of Buildings per 100,000 people	2023	CPHD provided the data for Arlington "Affordable Housing". Remaining jurisdictions do not have this information available and USGBC does not publicly mention affordable housing on its dashboard.
<b>Renewables</b>			
Government Operations electricity – share of renewable energy	% of electric operations met with renewable energy	2023	<a href="https://www.arlingtonva.us/About-Arlington/Newsroom/Articles/2023/County-Operations-Now-Run-Entirely-on-Renewable-Electricity">https://www.arlingtonva.us/About-Arlington/Newsroom/Articles/2023/County-Operations-Now-Run-Entirely-on-Renewable-Electricity</a> <a href="https://media.alexandriava.gov/docs-archives/budget/info/budget2020/section-02---city-manager-message.pdf">https://media.alexandriava.gov/docs-archives/budget/info/budget2020/section-02---city-manager-message.pdf</a> <a href="https://www.fairfaxcounty.gov/environment-energy-coordination/climate-action/energy-supply#:~:text=COUNTY%20GOVERNMENT%20(OES)%20GOAL%3A,2030%20and%2050%25%20by%202040.">https://www.fairfaxcounty.gov/environment-energy-coordination/climate-action/energy-supply#:~:text=COUNTY%20GOVERNMENT%20(OES)%20GOAL%3A,2030%20and%2050%25%20by%202040.</a> <a href="https://www.montgomerycountymd.gov/DGS-OES/EnergyClimate.html">https://www.montgomerycountymd.gov/DGS-OES/EnergyClimate.html</a> <a href="https://dgs.dc.gov/page/renewables-energy-purchasing">https://dgs.dc.gov/page/renewables-energy-purchasing</a>
Community-wide on-site renewable energy installations	kW (cumulative installed capacity) / 1,000 residents	2022	Data shared by MWCOG, "All Year Grid-Connected Renewable Energy 2009-2022_DRAFT.xlsx"
<b>County Government Operations</b>			
Government Operations Source EUI	Annual kbtu / sq ft	2022	This includes energy used from the point of generation, and is the standard used in the Better Buildings Challenge. <a href="https://betterbuildingsolutioncenter.energy.gov/partners/arlington-county-va">https://betterbuildingsolutioncenter.energy.gov/partners/arlington-county-va</a> <a href="https://betterbuildingsolutioncenter.energy.gov/partners/alexandria-va">https://betterbuildingsolutioncenter.energy.gov/partners/alexandria-va</a>
Government Operations Site EUI	Annual kbtu / sq ft	2022	This only includes energy that enters a site's facility. <a href="https://driveelectricva.org/wp-content/uploads/2023/07/Virginia-Electric-Vehicle-Hybrid-Electric-Vehicle-Registrations-by-Jurisdiction-2008-2022.xlsx">https://driveelectricva.org/wp-content/uploads/2023/07/Virginia-Electric-Vehicle-Hybrid-Electric-Vehicle-Registrations-by-Jurisdiction-2008-2022.xlsx</a>
Government Fleet Conversion Recognitions	# of EVs / # of fleet vehicles	2023	Staff correspondence with regional jurisdictions <a href="https://www.usgbc.org/projects/arlington-county-va">https://www.usgbc.org/projects/arlington-county-va</a>
Carbon Disclosure Project		2023	Based on information publicly available on CDP website, including published "A list." Confirmation by other jurisdictions unavailable. <a href="https://www.energy.gov/scep/alexandria-city-public-schools-alexandria-va">https://www.energy.gov/scep/alexandria-city-public-schools-alexandria-va</a>
Federal grants awarded C-PACE / Green Bank / CCA			<a href="https://www.energy.gov/eere/buildings/articles/buildings-upgrade-prize-buildings-phase-1-winners">https://www.energy.gov/eere/buildings/articles/buildings-upgrade-prize-buildings-phase-1-winners</a> Staff correspondence with regional jurisdictions
<b>Transportation</b>			
Zero Emission Municipal Bus Transit	Percent of buses that are battery electric	By 2024	ARTBus Feasibility Study, Table 3. Note: These metrics exclude WMATA buses; Washington, DC jurisdiction includes DC Circulator only. No jurisdiction currently has fuel cell electric buses. <a href="https://driveelectricva.org/wp-content/uploads/2023/07/Virginia-Electric-Vehicle-Hybrid-Electric-Vehicle-Registrations-by-Jurisdiction-2008-2022.xlsx">https://driveelectricva.org/wp-content/uploads/2023/07/Virginia-Electric-Vehicle-Hybrid-Electric-Vehicle-Registrations-by-Jurisdiction-2008-2022.xlsx</a>
Private EV ownership	EV registrations / licensed drivers	2023 (Arl, MoCo) 2022 (Ffx, Alx, DC)	<a href="https://opendata.maryland.gov/Transportation/MDOT-MVA-Electric-and-Plug-in-Hybrid-Vehicle-Regis/qtcv-n3tc/data_preview">https://opendata.maryland.gov/Transportation/MDOT-MVA-Electric-and-Plug-in-Hybrid-Vehicle-Regis/qtcv-n3tc/data_preview</a> <a href="https://afdc.energy.gov/vehicle-registration">https://afdc.energy.gov/vehicle-registration</a> <a href="https://www.dmv.virginia.gov/sites/default/files/documents/crash_facts_22.pdf">https://www.dmv.virginia.gov/sites/default/files/documents/crash_facts_22.pdf</a>
EV charging ports (community-wide, level 2 and DC fast)	Number of ports / 1,000 licensed drivers	2023	Includes level 2 and DC fast chargers <a href="https://afdc.energy.gov/stations/">https://afdc.energy.gov/stations/</a>
Government-owned and public-access/public-use EVSE	Number of ports / 100,000 licensed drivers	2023	Staff correspondence with regional jurisdictions
<b>Behavioral Change &amp; Market Transformation</b>			
Public engagement (feedback forms, committees) - 2023		2023	Staff correspondence with regional jurisdictions

Forums (social media)		2023/24	Arlington uses Nextdoor, Facebook, Twitter, YouTube, Instagram, LinkedIn
			<a href="https://www.arlingtonva.us/Events-directory?div_ACG%20OC%20CL%20Public%20Events%20Listing=(dd_OC%20Composite%20Date=Jan%2001%202024 Dec%2031%202024)">https://www.arlingtonva.us/Events-directory?div_ACG%20OC%20CL%20Public%20Events%20Listing=(dd_OC%20Composite%20Date=Jan%2001%202024 Dec%2031%202024)</a> <a href="https://apps.alexandriava.gov/Calendar/?sa=1&amp;sc=328%2C183%2C302&amp;ss=01012024&amp;se=any&amp;df=list">https://apps.alexandriava.gov/Calendar/?sa=1&amp;sc=328%2C183%2C302&amp;ss=01012024&amp;se=any&amp;df=list</a> <a href="https://www.fairfaxcounty.gov/events/ffxcalendar?populate=&amp;field_start_date_value=01%2F01%2F2024&amp;field_start_date_notime_value=12%2F31%2F2024&amp;field_original_department_target_id%5B%5D=454">https://www.fairfaxcounty.gov/events/ffxcalendar?populate=&amp;field_start_date_value=01%2F01%2F2024&amp;field_start_date_notime_value=12%2F31%2F2024&amp;field_original_department_target_id%5B%5D=454</a> <a href="https://www.montgomerycountymd.gov/mcg/calendar.html">https://www.montgomerycountymd.gov/mcg/calendar.html</a> <a href="https://doee.dc.gov/events?field_date_time_rep_value%5Bvalue%5D%5Bdate%5D=01%2F01%2F2024&amp;field_date_time_rep_value2%5Bvalue%5D%5Bdate%5D=12%2F31%2F2024&amp;keys=&amp;type=All&amp;field_topic_tid=52&amp;field_audience_tid=All&amp;field_ward_tid=All&amp;field_police_service_area_tid=All&amp;sort_by=field_date_time_rep_value&amp;sort_order=ASC">https://doee.dc.gov/events?field_date_time_rep_value%5Bvalue%5D%5Bdate%5D=01%2F01%2F2024&amp;field_date_time_rep_value2%5Bvalue%5D%5Bdate%5D=12%2F31%2F2024&amp;keys=&amp;type=All&amp;field_topic_tid=52&amp;field_audience_tid=All&amp;field_ward_tid=All&amp;field_police_service_area_tid=All&amp;sort_by=field_date_time_rep_value&amp;sort_order=ASC</a>
Total Public Events Planned for 2024 (Environment focused)		2024	
			(ex. AIRE webinars, THINK Big events) publicly available searchable events on their websites News and Events   Office of Environmental and Energy Coordination (fairfaxcounty.gov) <a href="https://www2.montgomerycountymd.gov/mcgportalapps/media_List.aspx?id=23">https://www2.montgomerycountymd.gov/mcgportalapps/media_List.aspx?id=23</a> <a href="https://www.montgomerycountymd.gov/mcg/calendar.html">https://www.montgomerycountymd.gov/mcg/calendar.html</a> <a href="https://doee.dc.gov/events?field_date_time_rep_value%5Bvalue%5D%5Bdate%5D=01%2F01%2F2023&amp;field_date_time_rep_value2%5Bvalue%5D%5Bdate%5D=01%2F01%2F2024&amp;keys=energy&amp;type=All&amp;field_topic_tid=All&amp;field_audience_tid=All&amp;field_ward_tid=All&amp;field_police_service_area_tid=All&amp;sort_by=field_date_time_rep_value&amp;sort_order=ASC">https://doee.dc.gov/events?field_date_time_rep_value%5Bvalue%5D%5Bdate%5D=01%2F01%2F2023&amp;field_date_time_rep_value2%5Bvalue%5D%5Bdate%5D=01%2F01%2F2024&amp;keys=energy&amp;type=All&amp;field_topic_tid=All&amp;field_audience_tid=All&amp;field_ward_tid=All&amp;field_police_service_area_tid=All&amp;sort_by=field_date_time_rep_value&amp;sort_order=ASC</a>
Number of Energy-Related Events (2023)		2023	
			Overall Emissions Metrics   Office of Environmental and Energy Coordination (fairfaxcounty.gov) <a href="https://www.alexandriava.gov/energy/2020-community-ghg-emissions-profile">https://www.alexandriava.gov/energy/2020-community-ghg-emissions-profile</a> <a href="https://data.montgomerycountymd.gov/Environment/Greenhouse-Gas-Emissions/stmn-fdnc/data">https://data.montgomerycountymd.gov/Environment/Greenhouse-Gas-Emissions/stmn-fdnc/data</a> <a href="https://doee.dc.gov/service/greenhouse-gas-inventories">https://doee.dc.gov/service/greenhouse-gas-inventories</a>
Number of GHG Dashboards		Current	
			Alexandria VA - <a href="https://member.everbridge.net/1332612387832027/ov">https://member.everbridge.net/1332612387832027/ov</a> DC - <a href="https://public.govdelivery.com/accounts/DCWASH/subscriber/topics">https://public.govdelivery.com/accounts/DCWASH/subscriber/topics</a> All Newsletters (year 2023 to date - can subscribe to) total number of topics at the county level
All Newsletters (year 2023 to date - can subscribe to) total number of topics at the county level		2023	
			Ex. Fairfax: <a href="https://content.govdelivery.com/accounts/VAFAIRFAXCOUNTY/bulletins/383216f">https://content.govdelivery.com/accounts/VAFAIRFAXCOUNTY/bulletins/383216f</a> Energy related newsletters (monthly) year 2023 to date, can subscribe to) Alexandria - general form that listed Energy as an option <a href="https://www2.montgomerycountymd.gov/mcgportalapps/Media_List.aspx?id=23">https://www2.montgomerycountymd.gov/mcgportalapps/Media_List.aspx?id=23</a>
Energy-Related Newsletters		2023	
			DES - Office of Sustainability and Environmental Management provided data <a href="https://www2.montgomerycountymd.gov/mcgportalapps/Media_Detail.aspx?NaID=5644">https://www2.montgomerycountymd.gov/mcgportalapps/Media_Detail.aspx?NaID=5644</a>
Presentations		2023	
			Virginia Energy Purchasing Governmental Association (VEPGA), <a href="https://vepga.org/">https://vepga.org/</a> Virginia Energy and Sustainability Professionals Network (VESPN) PJM Cities and Communities Coalition, <a href="https://www.wri.org/initiatives/pjm-cities-and-communities-coalition">https://www.wri.org/initiatives/pjm-cities-and-communities-coalition</a>
Leadership roles in state or regional organizations		2023	