



**Arlington County**

**Water Source Overview**

The major source is purchased water.

**\*Table 1:** Reported (2010) and projected (2040) water use by system type for Arlington County in MGD

| Type   | Reported Use 2010 MGD | Projected Use 2040 MGD |
|--|-----------------------|------------------------|
| Large Self-Supplied Users (over 300,000 gal/month) | 0.003                 | 0.004                  |
| Community Water System                             | 24.914                | 28.502                 |

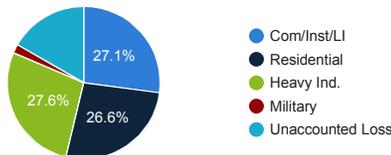
**Water Use by System Type**

There are no reported users of private groundwater wells for residential water supply. All tables and graphs represent reported water use including Sales to other localities, if applicable.

**\*Figure 1:** Percentage of reported water use by system type in 2010 (No use data shown on graph if less than .01 MGD: Refer to Table 1)



**\*Figure 2:** Disaggregated water use percentages for Community Water Systems in 2010 (No graph shown if no disaggregated use data reported)



**\*Table 2:** Reported (2010) and projected (2040) groundwater and surface water use for Arlington County in MGD

| Reported 2010 Groundwater Use (MGD) | Reported 2010 Surface Water Use (MGD) | Projected 2040 Groundwater Use (MGD) | Projected 2040 Surface Water Use (MGD) |
|-------------------------------------|---------------------------------------|--------------------------------------|--|
| 0.00                                | 24.92                                 | 0.00                                 | 28.51                                  |

**\*Figure 3:** Arlington County highlighted in the Commonwealth of Virginia



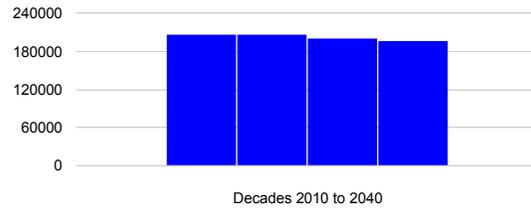
**Projected Water Demand**

Population is projected to decrease while demands are projected to increase through the planning period. Existing water sources are expected to meet projected demands.

**\*Table 3:** Arlington County population projections by decade from 2010 to 2040 (data gathered from VEC projections - 05/20/13)

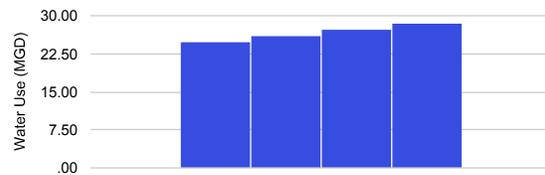
| 2010    | 2020    | 2030    | 2040    | % Change (2010-2040) |
|---------|---------|---------|---------|----------------------|
| 207,627 | 206,896 | 201,699 | 197,065 | -4.8%                |

**\*Figure 4:** Arlington County population projections by decade for 2010, 2020, 2030 & 2040



**\*Table 4 & Figure 5:** Arlington County water demand trends by decade for 2010, 2020, 2030 & 2040 in MGD

| Reported Use 2010 MGD | Projected Use 2020 MGD | Projected Use 2030 MGD | Projected Use 2040 MGD | Percent Change (2010-2040) |
|-----------------------|------------------------|------------------------|------------------------|----------------------------|
| 24.92                 | 26.11                  | 27.31                  | 28.51                  | 14.4%                      |



**Drought Management Practices**

Arlington County adopted a Drought Awareness and Response Plan and a water conservation ordinance for the implementation and enforcement of drought response. [Northern Virginia Regional WSP]