



Virginia Oral Health Workforce: Digging Deeper



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Board of Dentistry
July 12, 2023**



Goals

- Examine trends in Virginia's oral workforce
- Dig deeper into workforce demographic and economic indicators
- Examine their geographical distribution



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Goal 1: Examine Trends



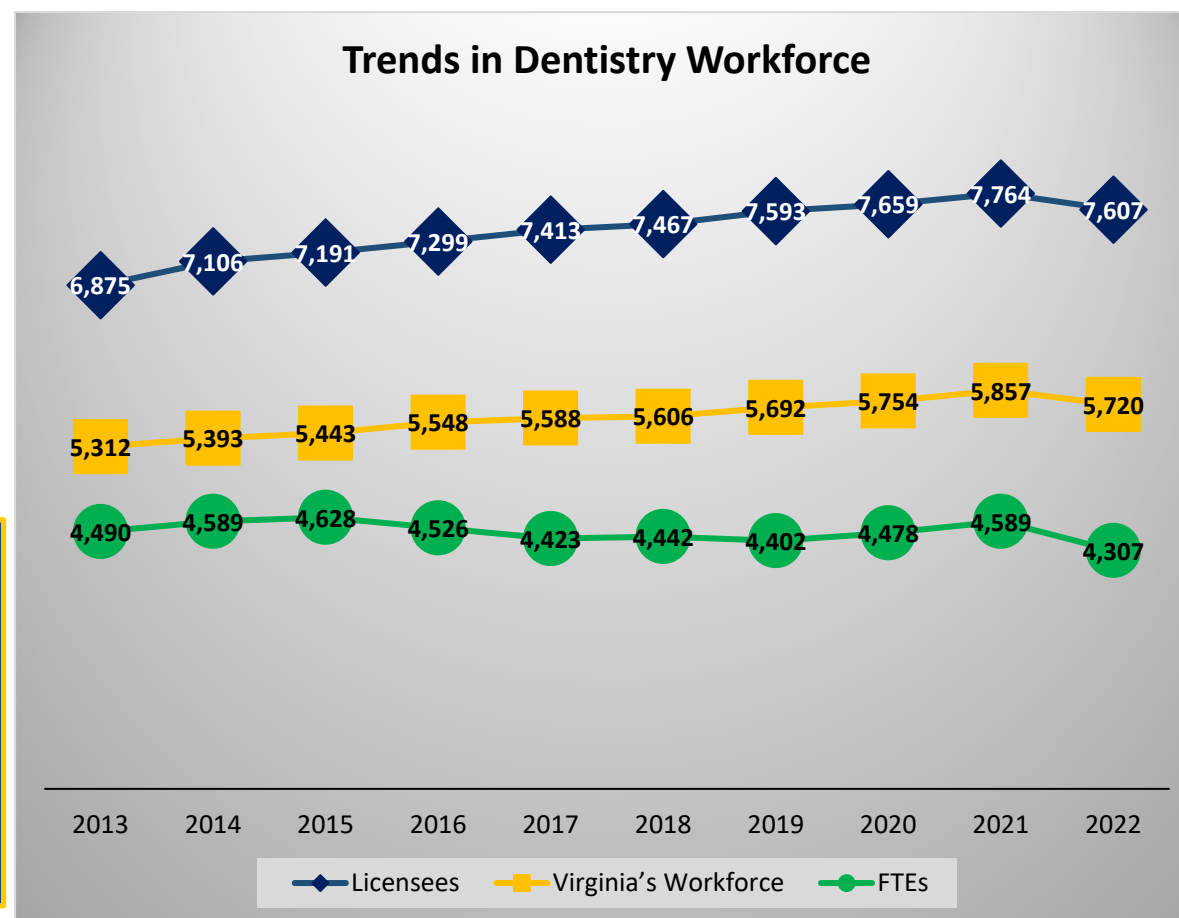
Trends in Dentistry Licensees and Workforce



In 2022, 2% drop in total licensees and workforce



6% drop in FTEs in 2022

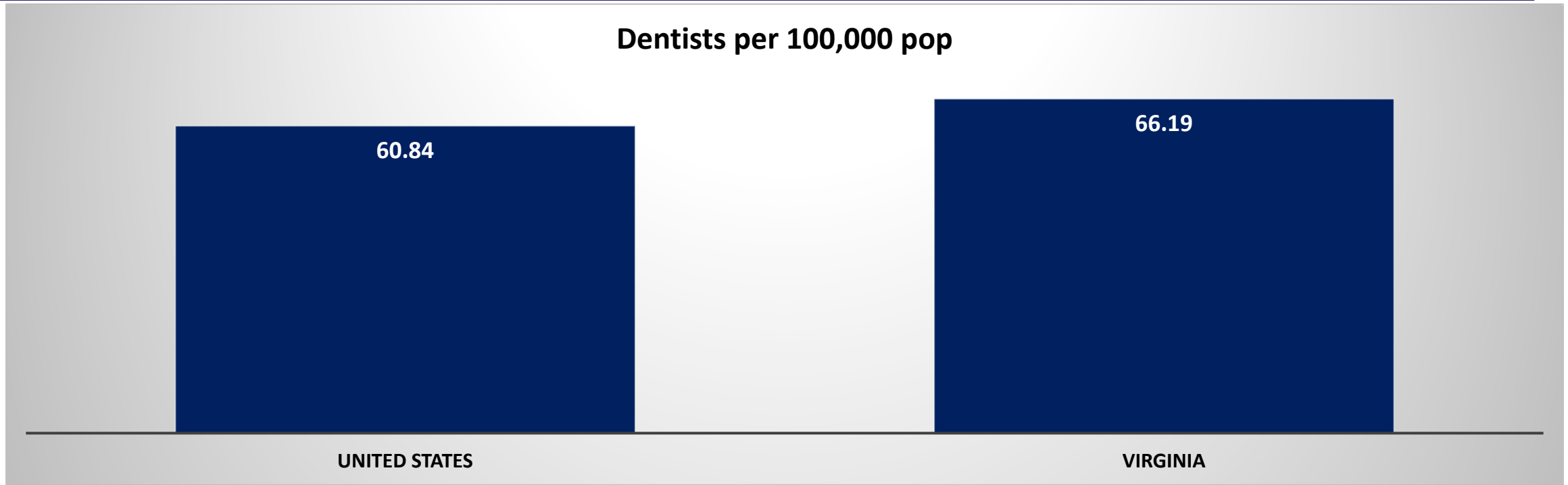




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Dentists per 100,000 pop



Overall, VA dentistry workforce appears adequate relative to national numbers



5,720 dentists worked in VA in 2022; 2.6% of 202,536 nationally



Trends in Dental Hygienist Licensees and Workforce

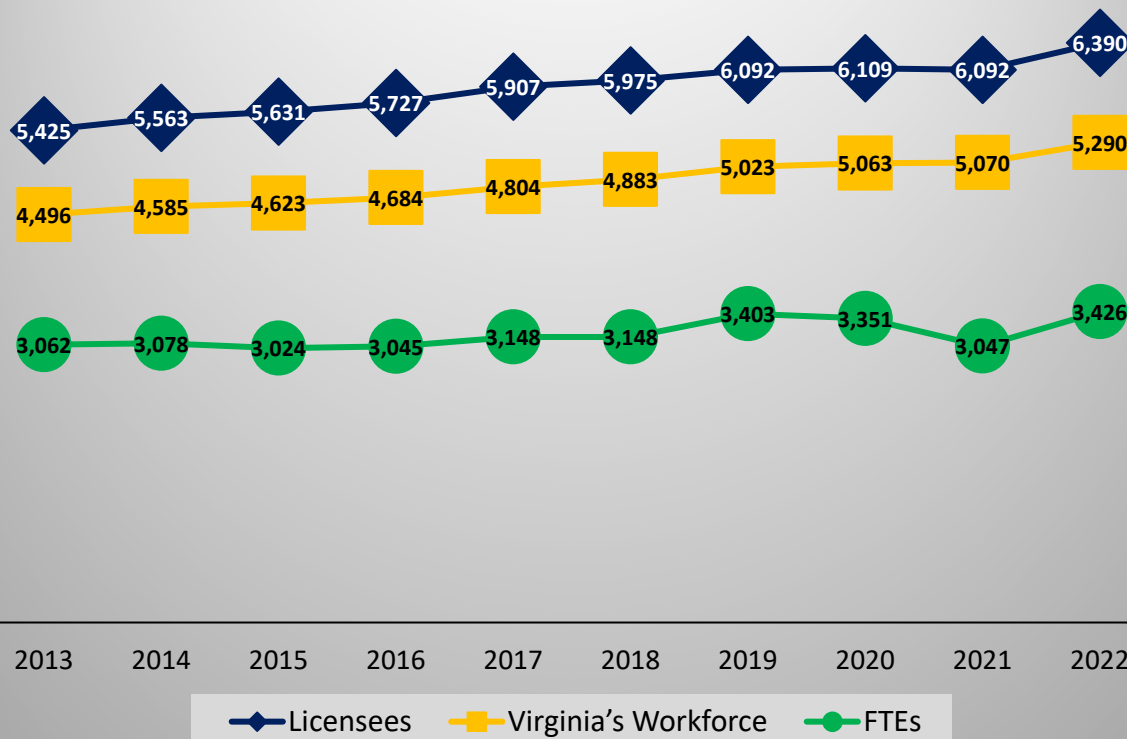


Since 2013, increases in licensees, workforce, and FTEs



18%, 17%, and 12% increase in licensees, workforce, and FTEs

Trends in Dental Hygienist Workforce





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Dental Hygienists per 100,000 pop



Overall, VA dentistry workforce appears adequate; not much lower than national numbers



5,290 dental hygienists (2.8% of 187,000 nationally) and 46 dental assistants II worked in VA in 2022



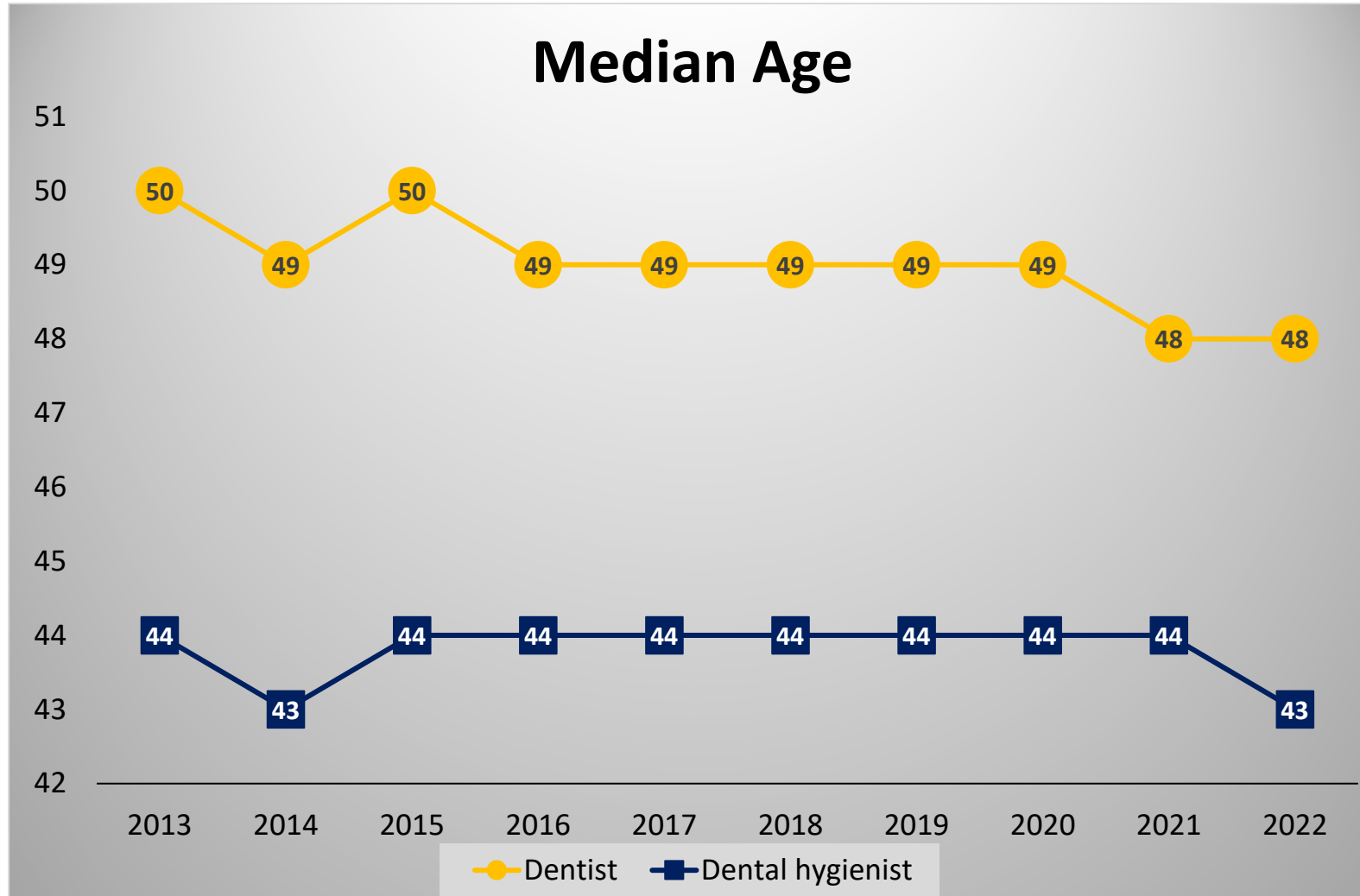
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Goal 2: Demographic and Economic indicators



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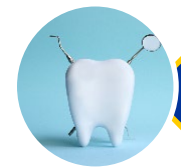




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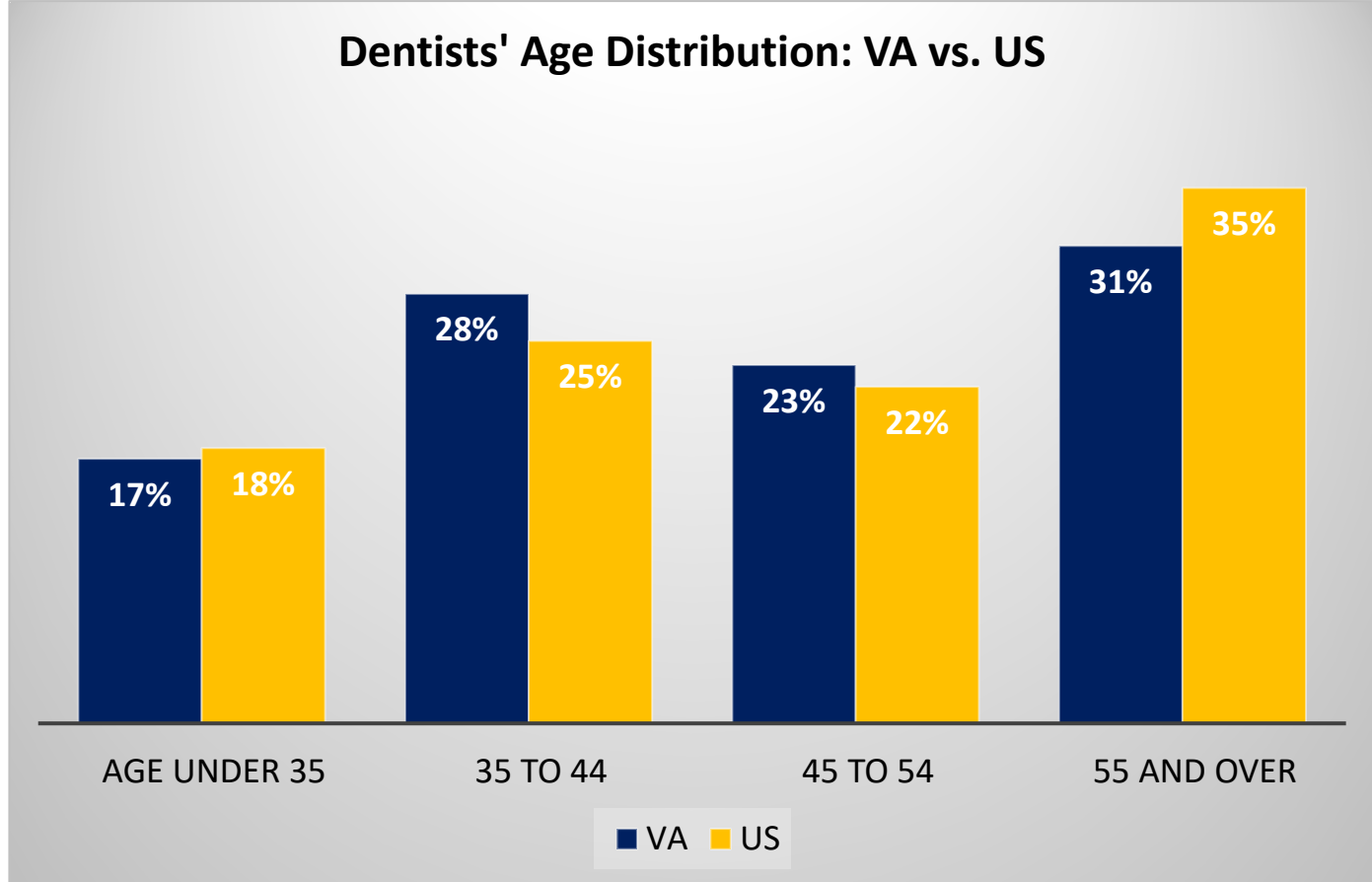


Virginia has fewer dentists in the youngest and oldest ages groups



Median age is stable

Dentists' Age Distribution: VA vs. US

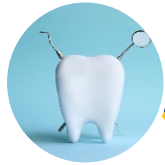




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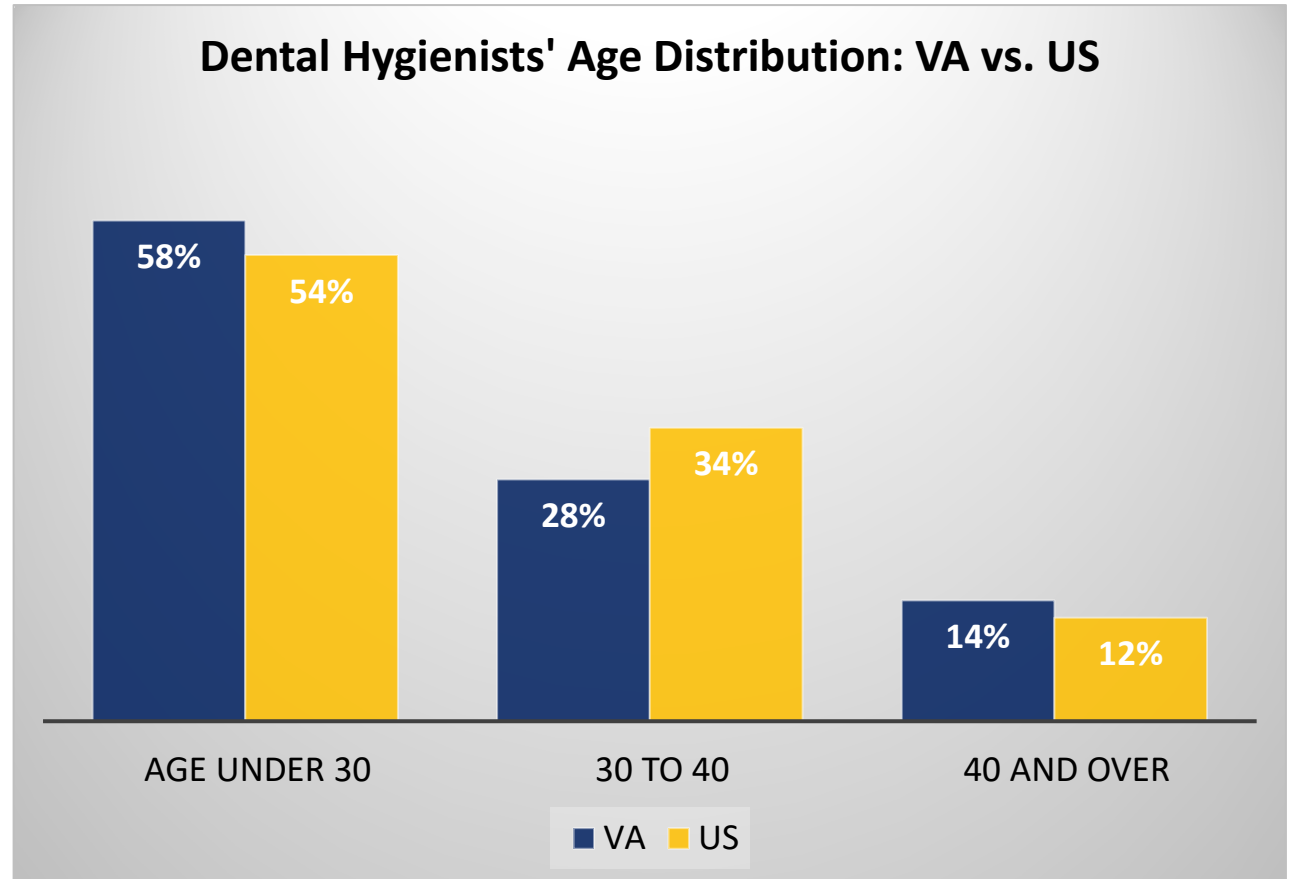


Virginia has more hygienists in the youngest and oldest ages groups



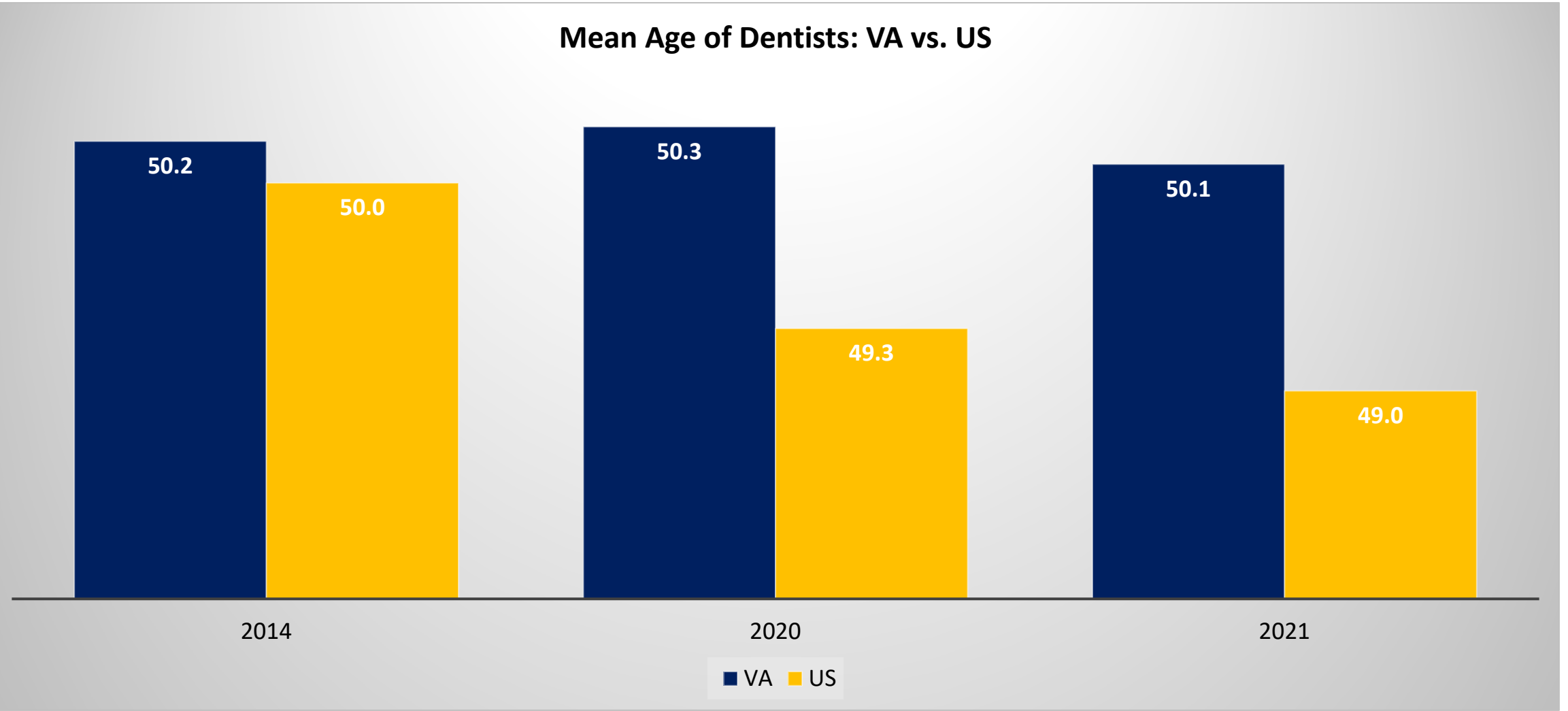
Median age is declining

Dental Hygienists' Age Distribution: VA vs. US



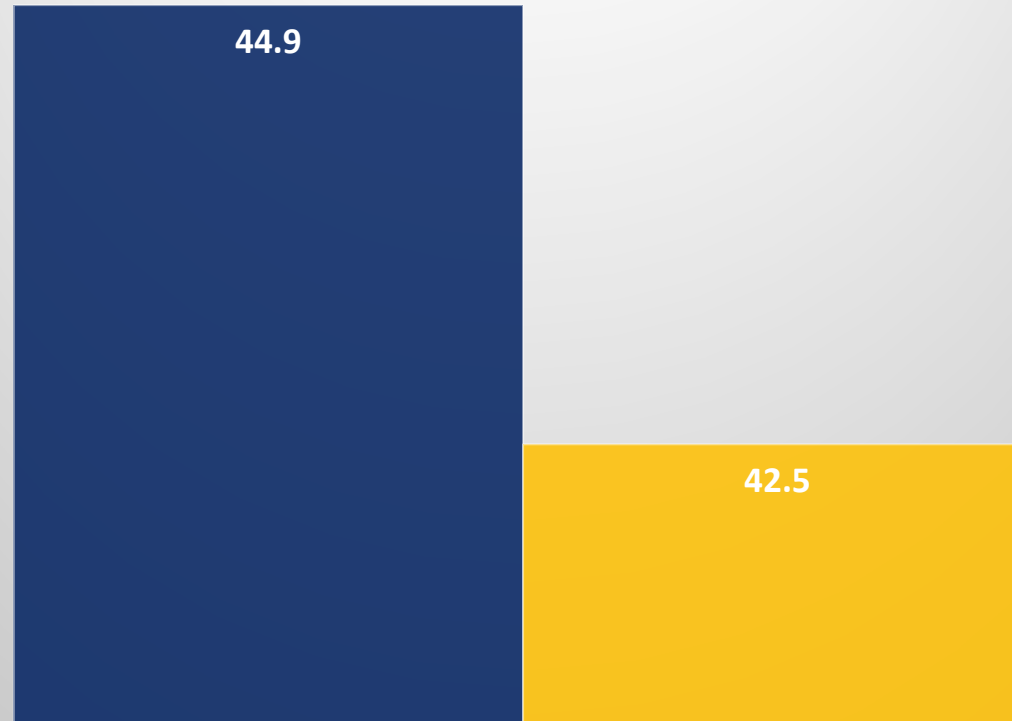


Mean Age of Dentists: VA vs. US





Mean Age of Dental Hygienists: VA vs. US



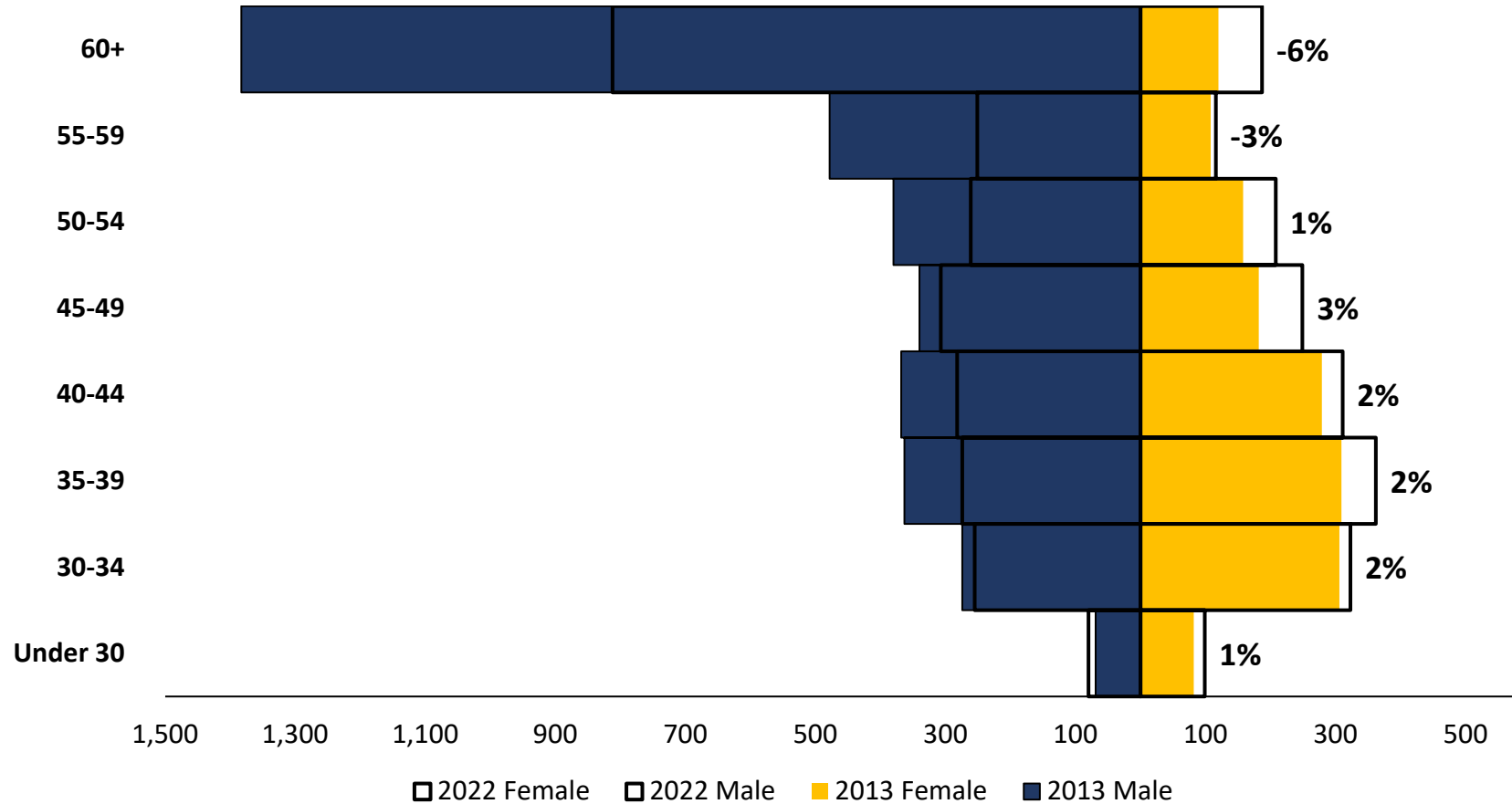
■ VA ■ US



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2013 versus 2022 Dentist Population Pyramid

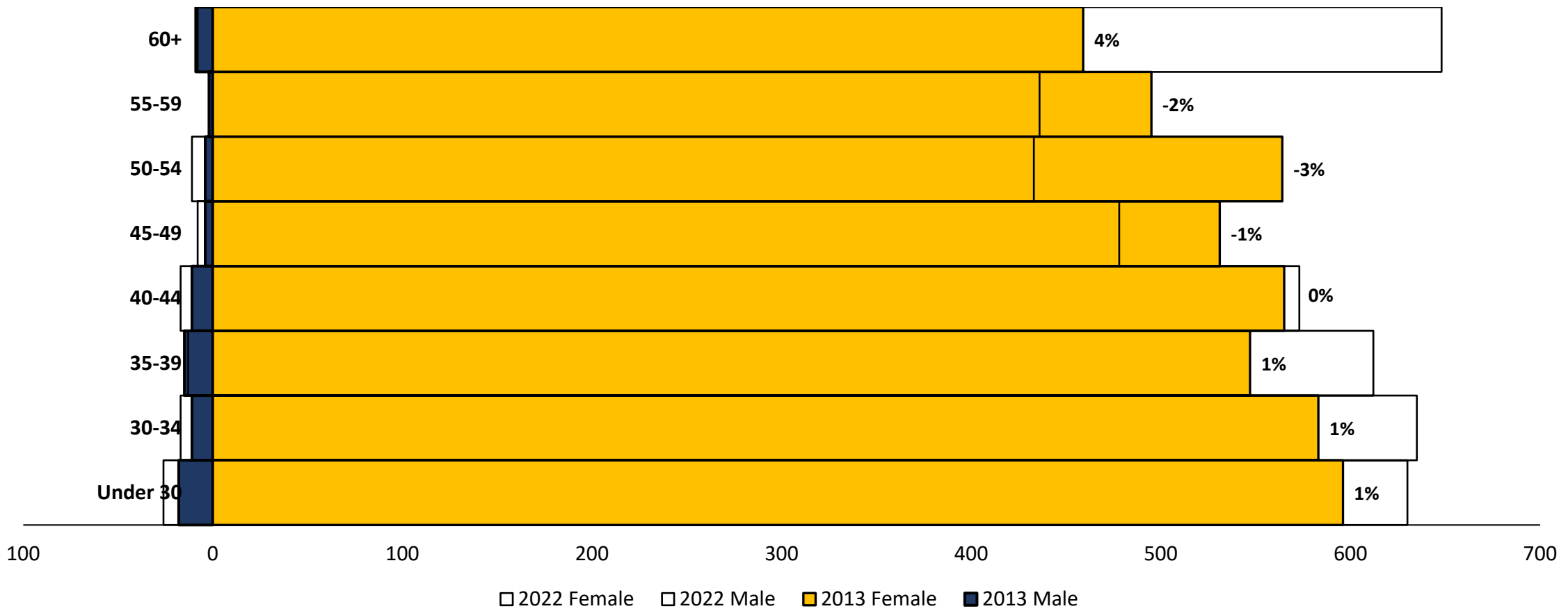




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2013 versus 2022 Dental Hygienist Population Pyramid





Trends in Income and Debt: Dentists



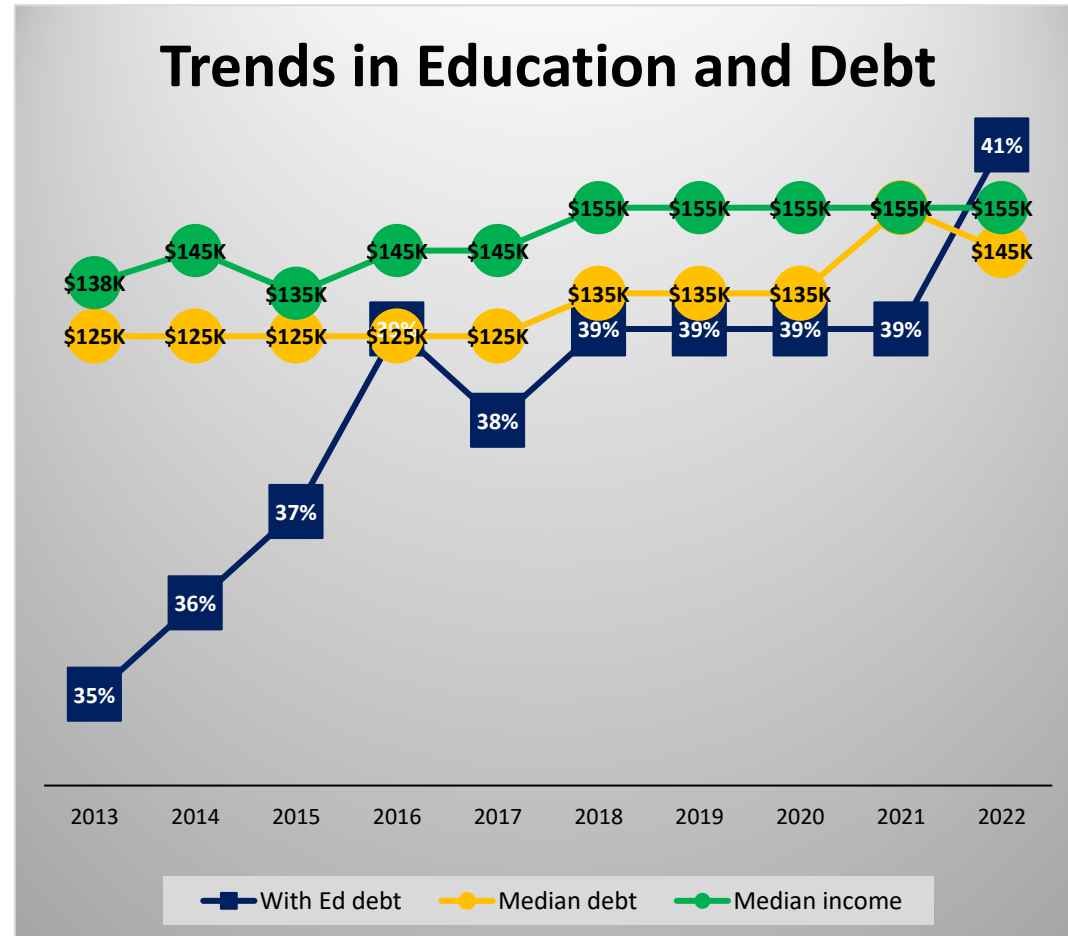
Median income stable since 2018



Increase in median education debt since 2013



2 out of 5 dentists have education debt





Trends in Income and Debt: Dental Hygienists



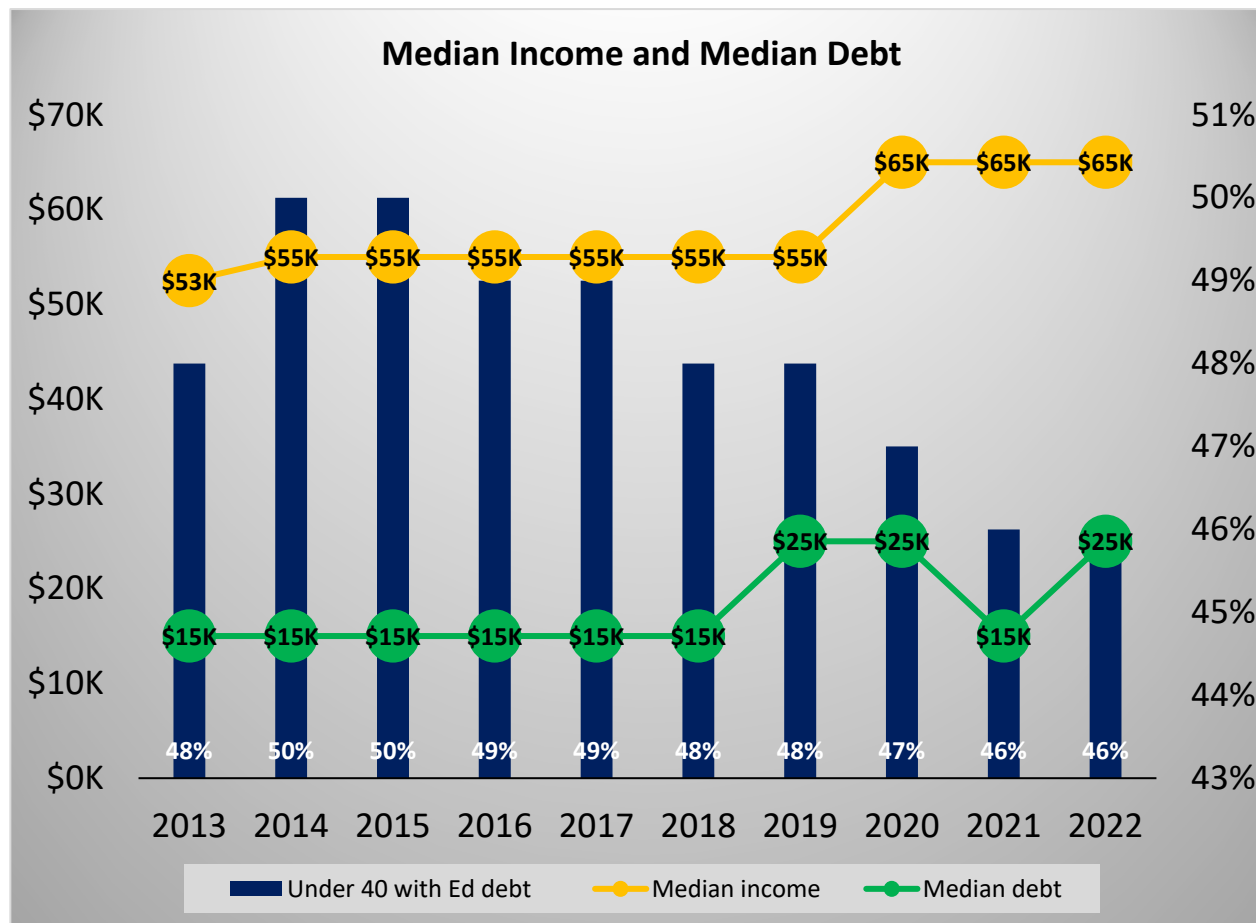
Median income has been stable since 2020



29% of workforce has education debt; median debt stabilizing



Decreasing % of dental hygienists under 40 with





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Trends in Retirement Intentions: Dentists

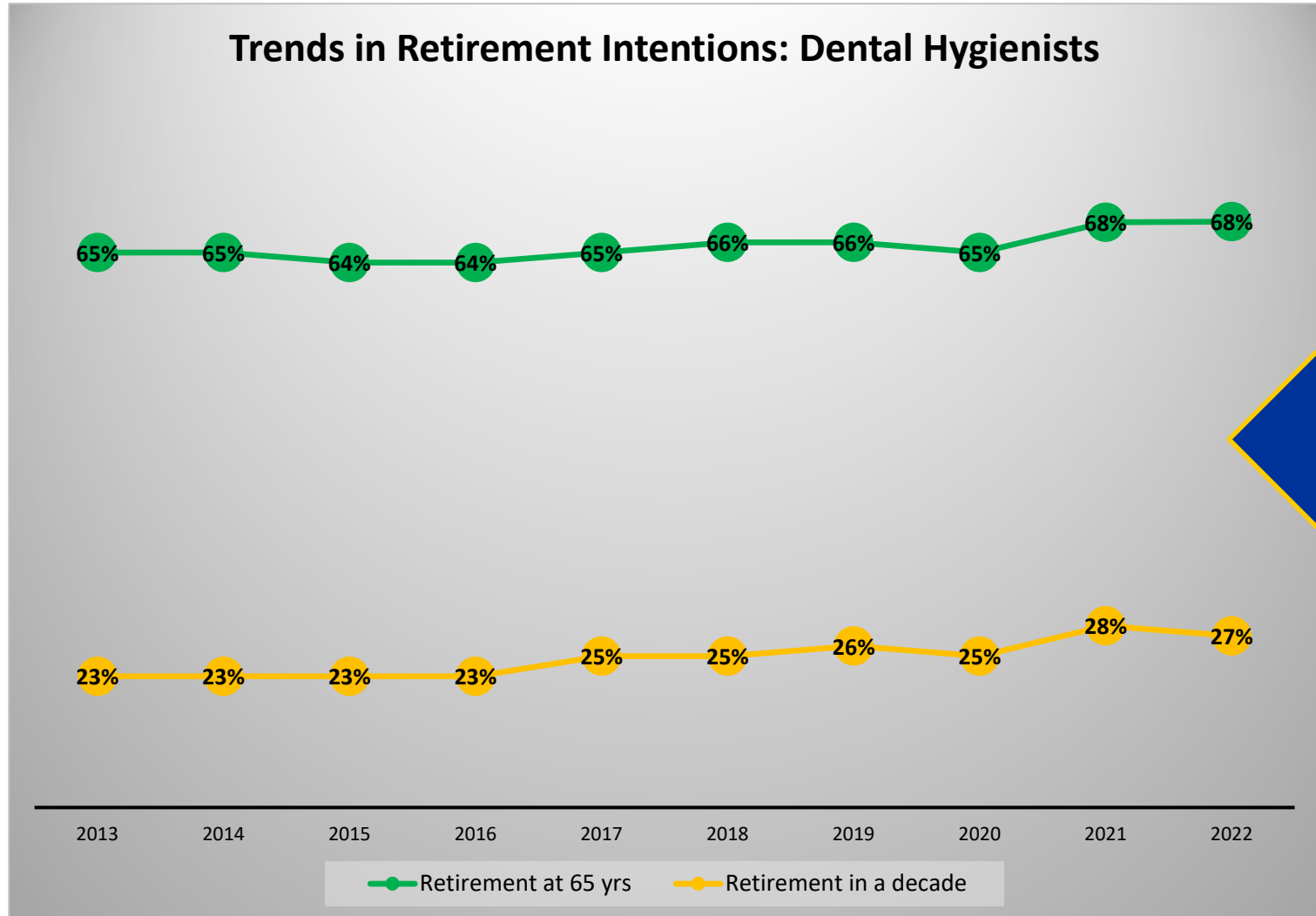




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Trends in Retirement Intentions: Dental Hygienists



Over time, slight increase in retirement expectations



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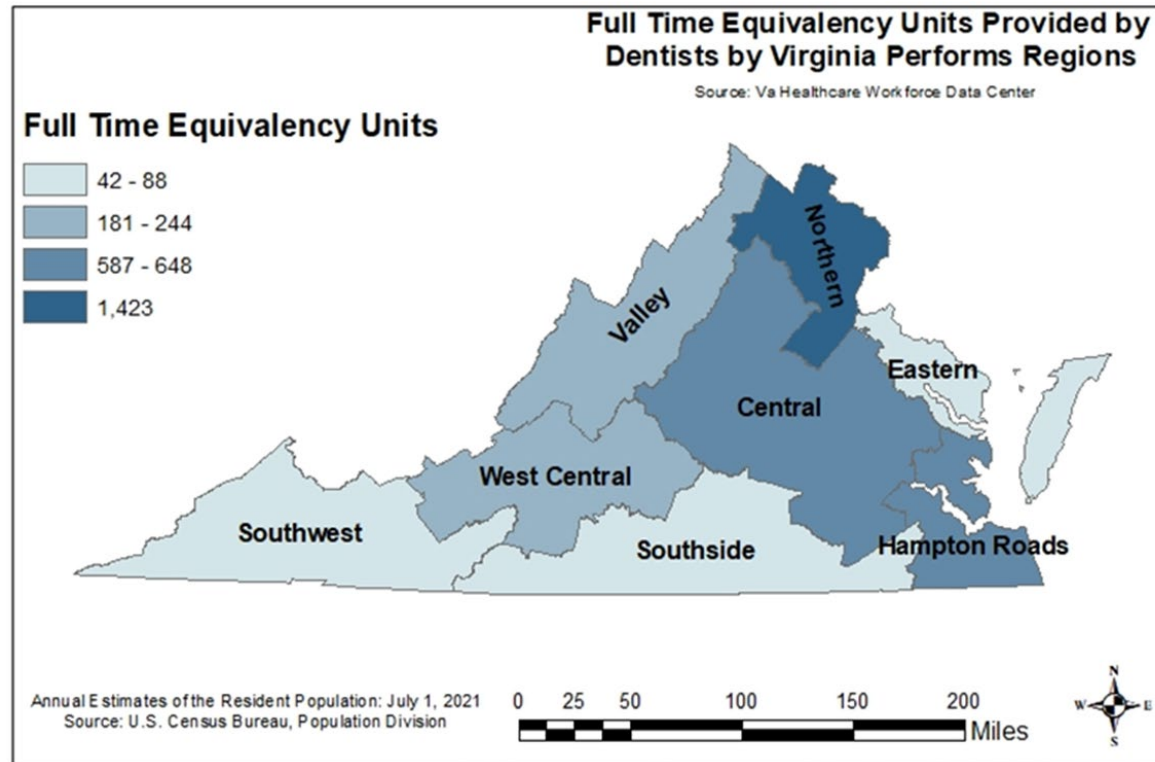
Digging deeper – Geographical Distribution



Geographic Distribution: Dentists

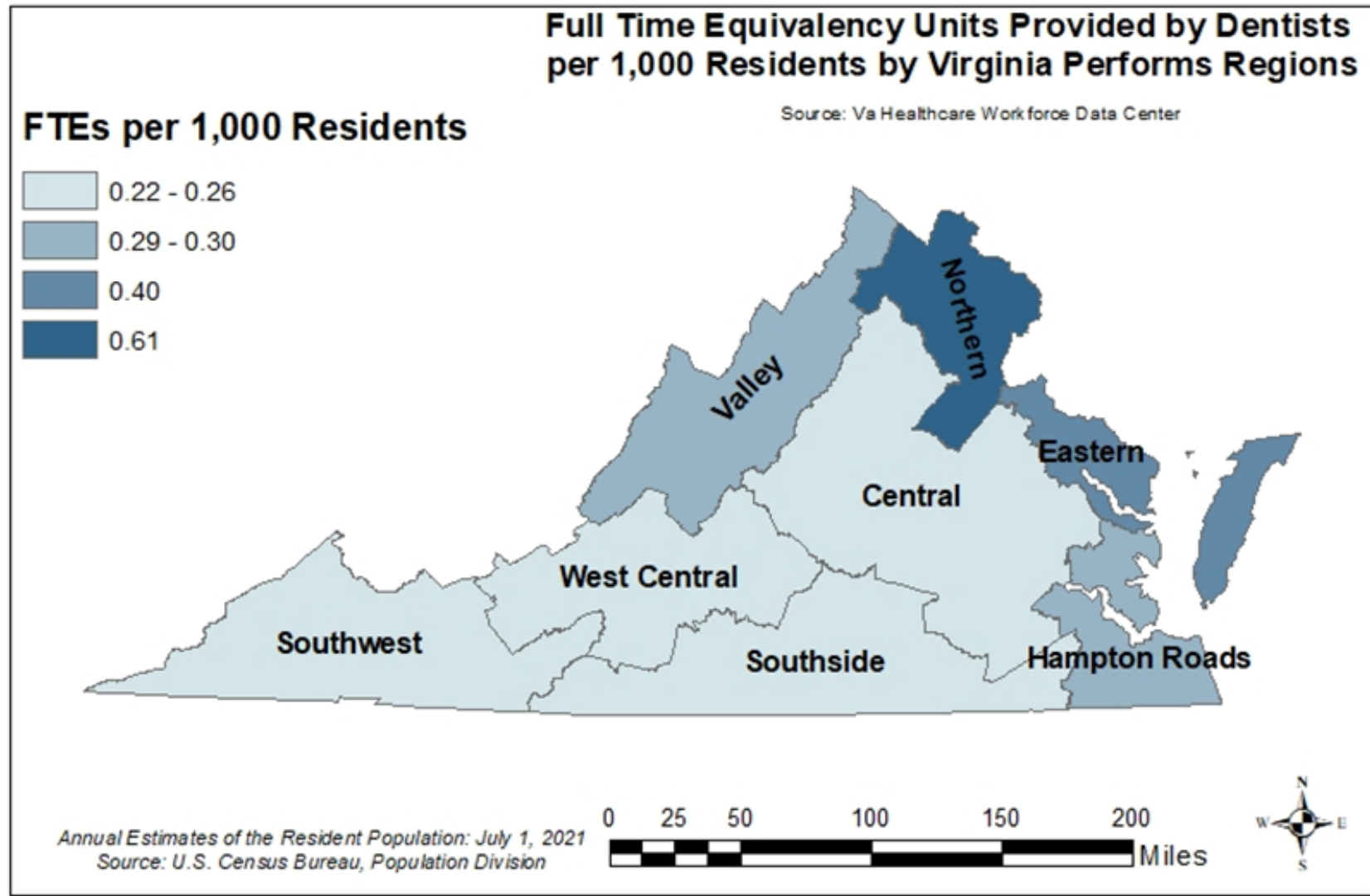


Highest concentration is in Northern VA





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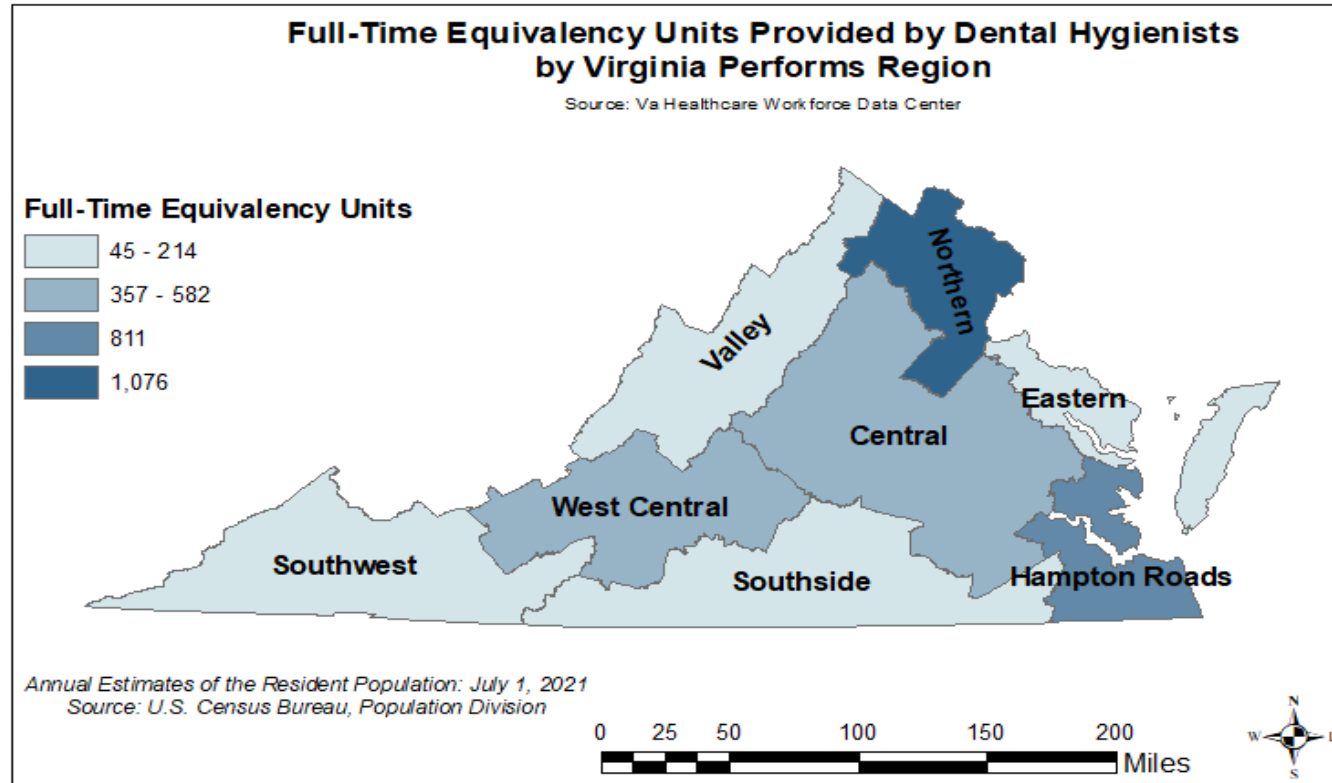




Geographic Distribution: Dental Hygienists

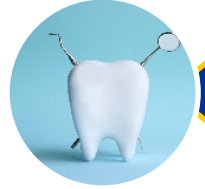


Highest number is in Northern VA

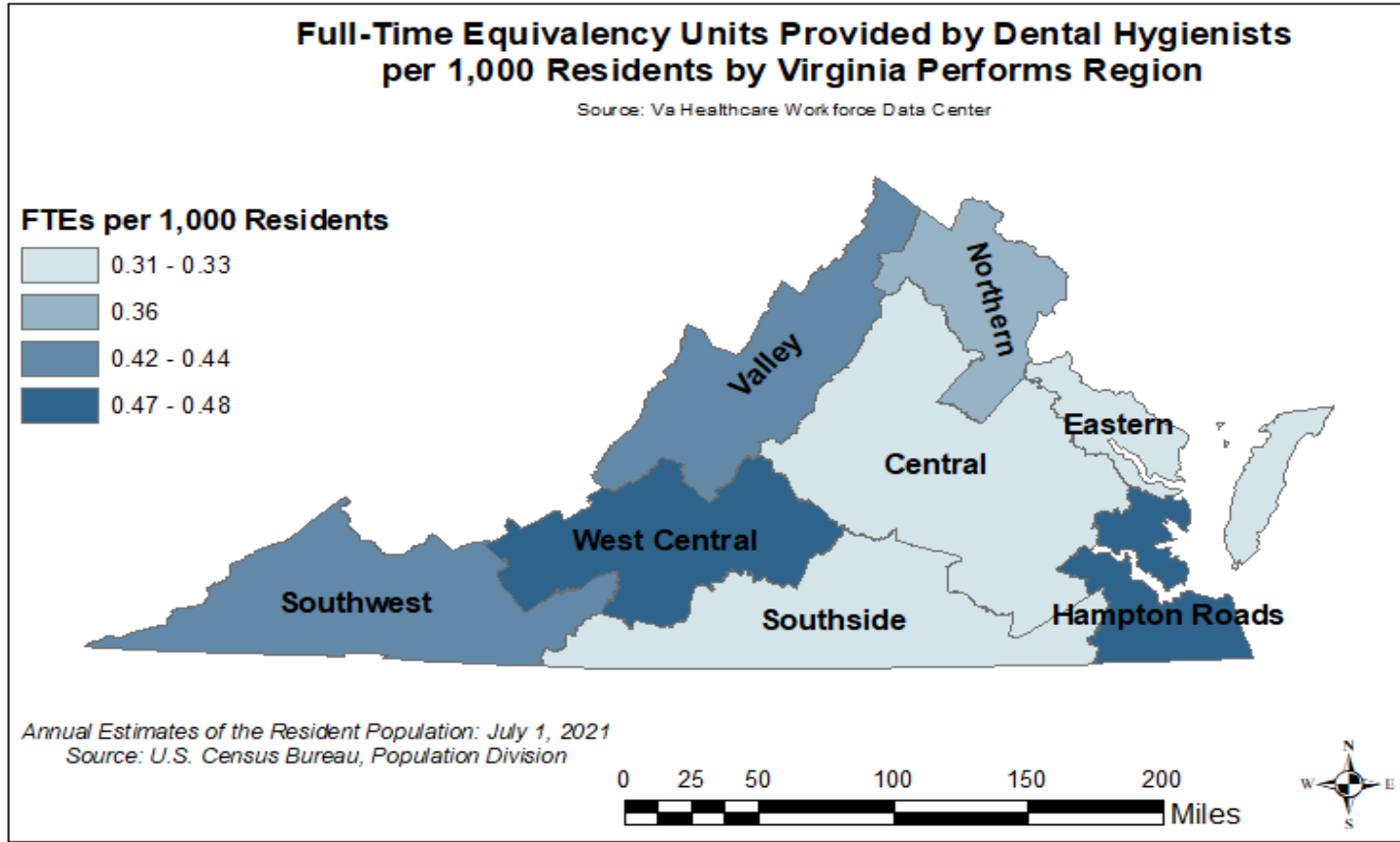




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Highest concentration per capita is in Hampton Roads





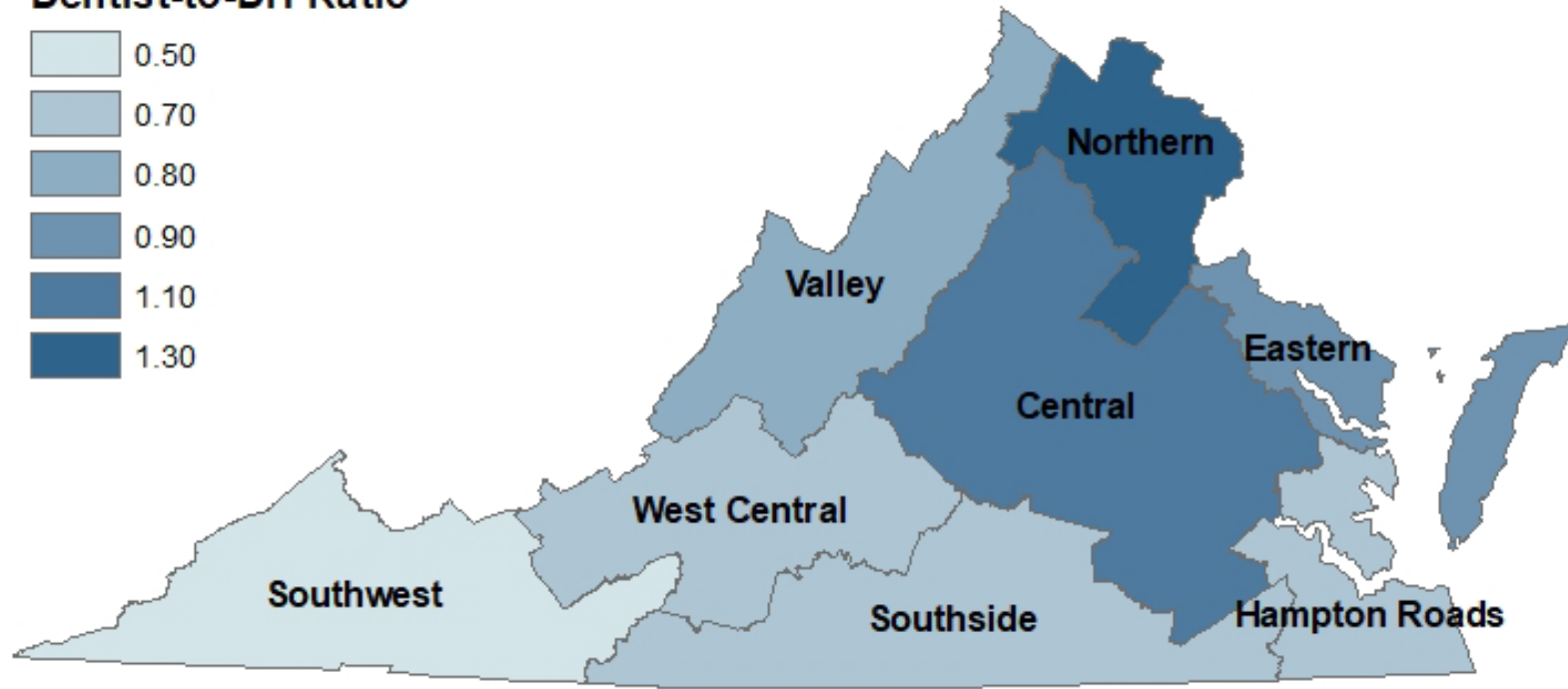
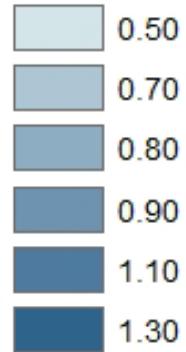
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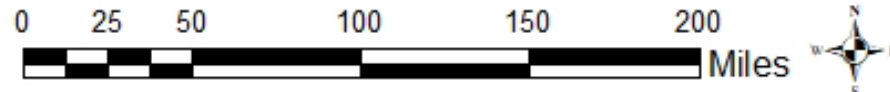
Dentist-Dental Hygienist Ratio in 2022 by Virginia Performs Areas

Source: Va Healthcare Workforce Data Center

Dentist-to-DH Ratio



Annual Estimates of the Resident Population: July 1, 2020
Source: U.S. Census Bureau, Population Division

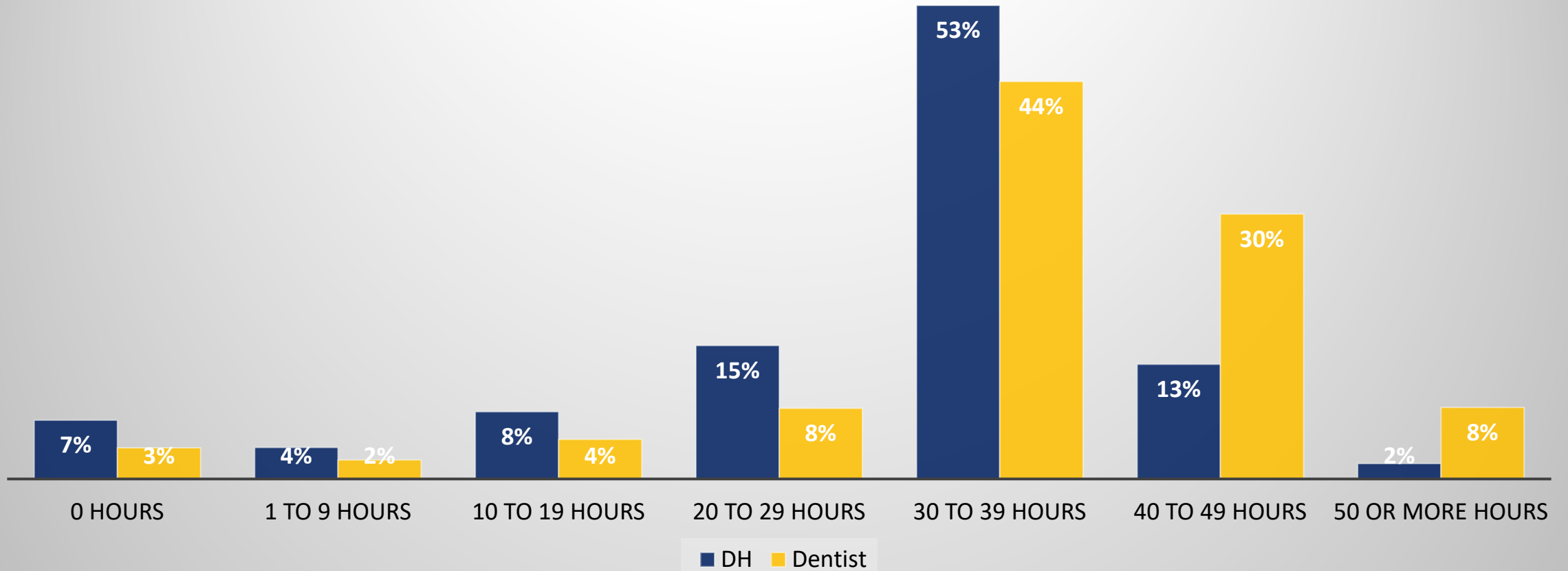




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Hours Worked: Dental Hygienists vs. Dentists

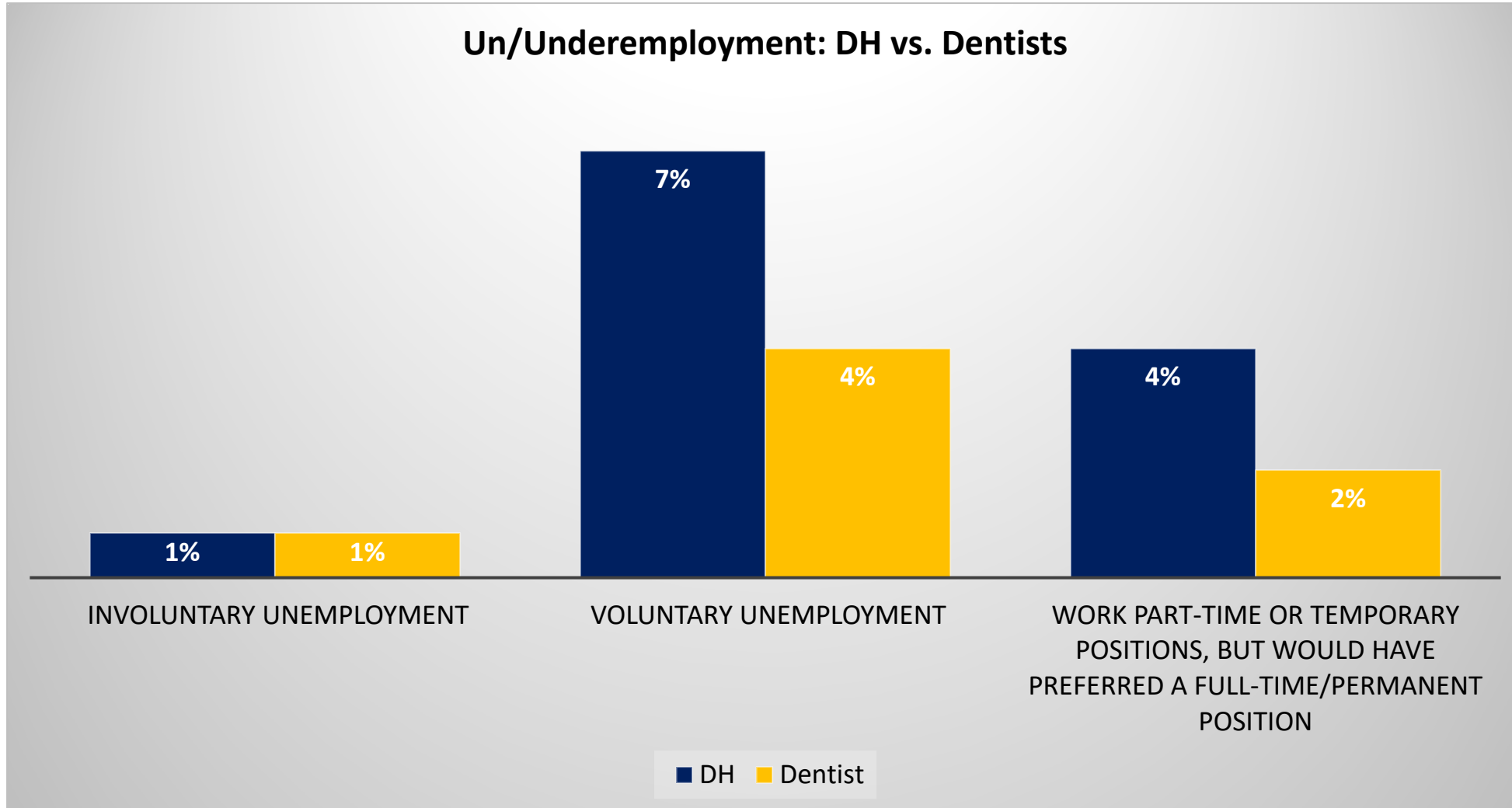




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Un/Underemployment: DH vs. Dentists





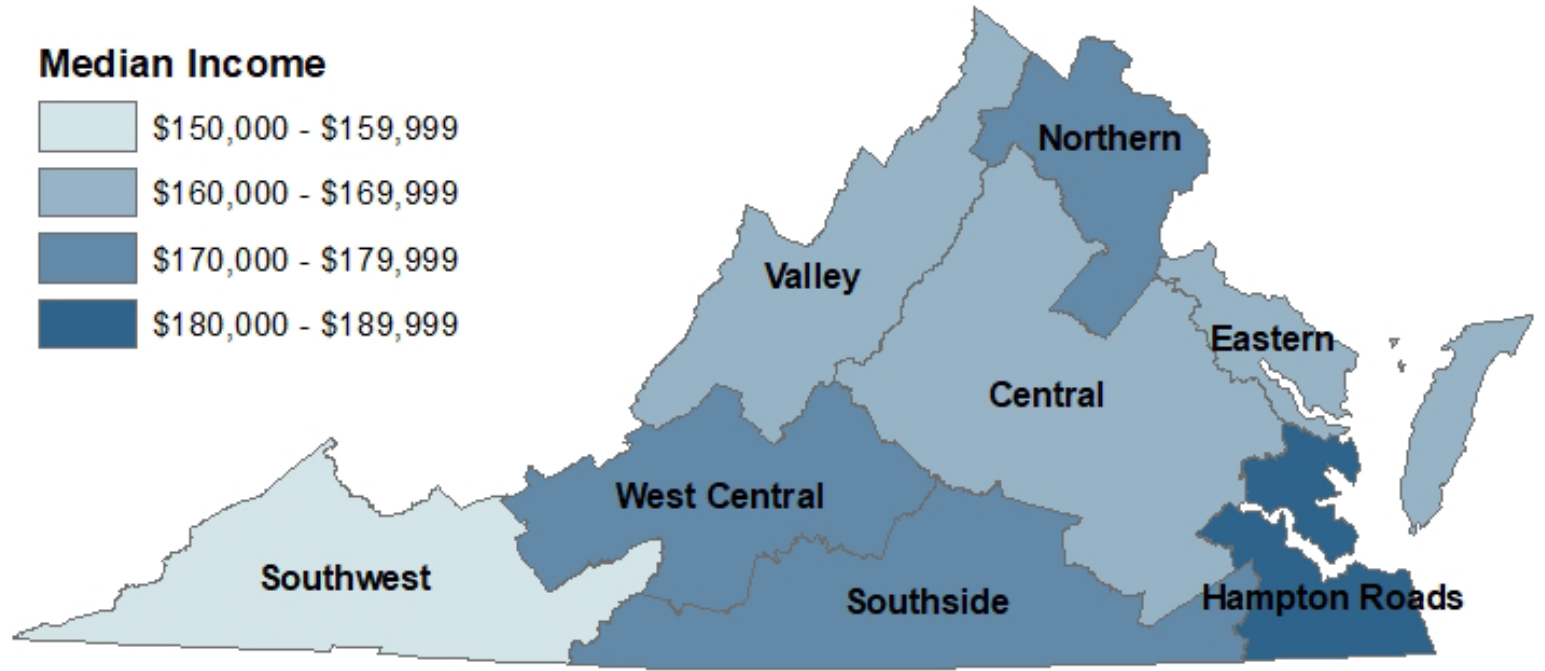
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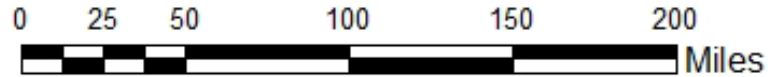
Median Income of Dentists in 2022 by Virginia Performs Areas

Source: Va Healthcare Workforce Data Center

Median Income



Annual Estimates of the Resident Population: July 1, 2020
Source: U.S. Census Bureau, Population Division





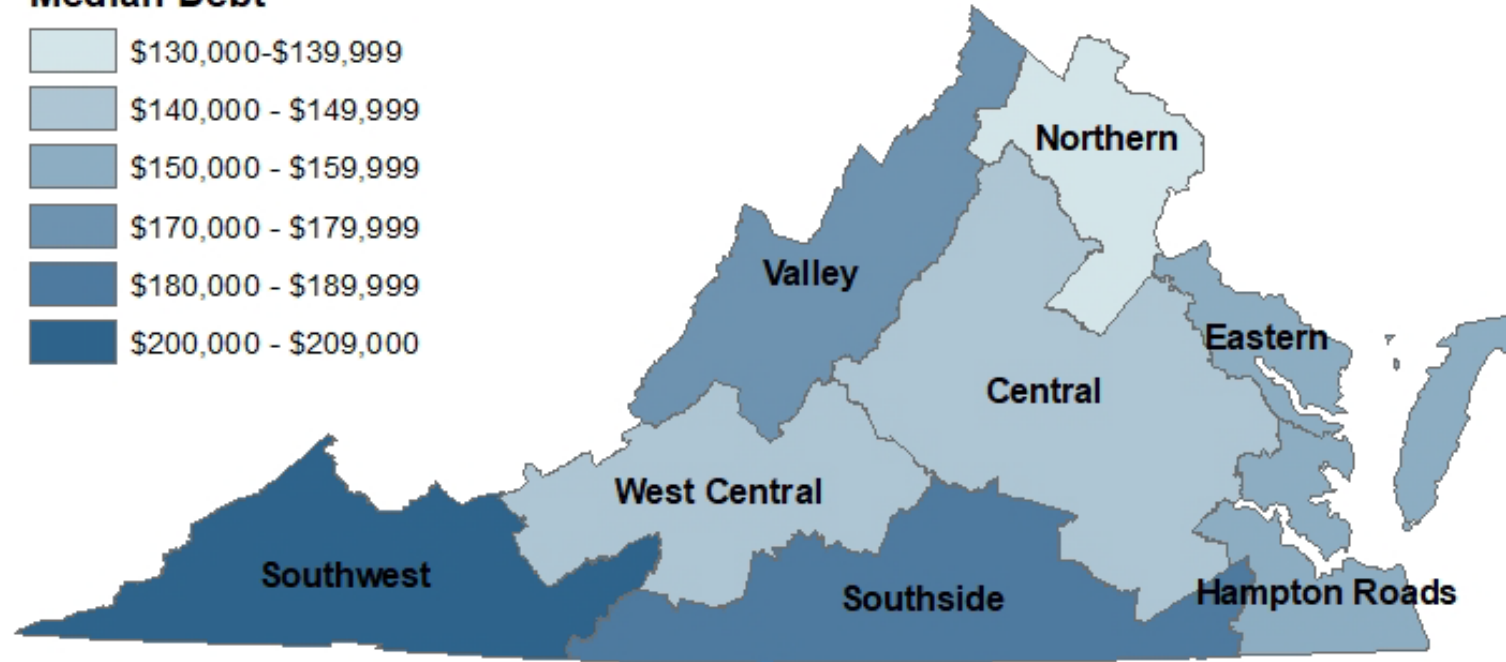
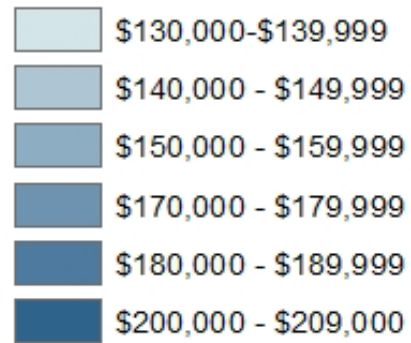
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Median Debt of Dentists in 2022 by Virginia Performs Areas

Source: Va Healthcare Work force Data Center

Median Debt



Annual Estimates of the Resident Population: July 1, 2020
Source: U.S. Census Bureau, Population Division





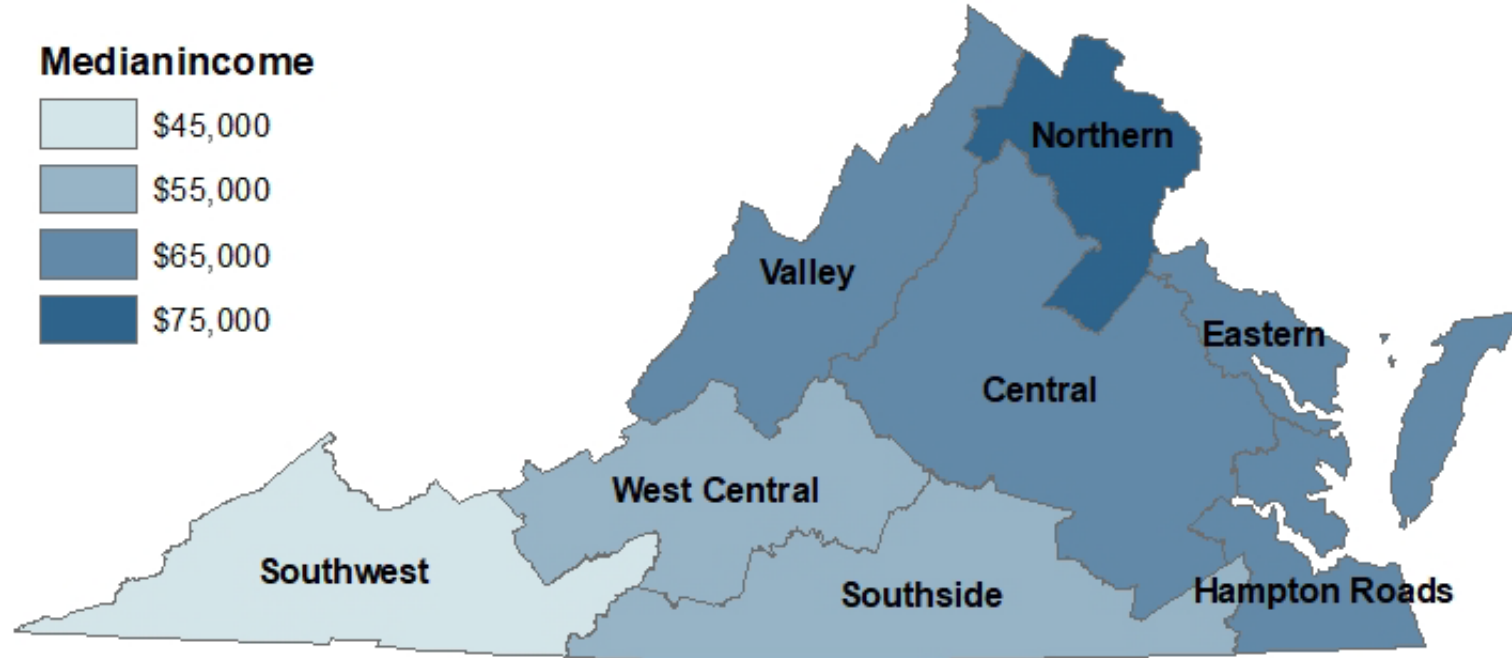
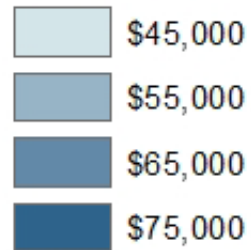
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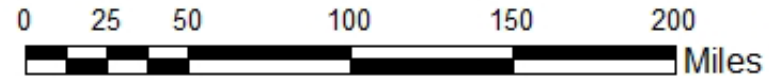
Median Income of Dental Hygienists in 2022 by Virginia Performs Areas

Source: Va Healthcare Work force Data Center

Median income



Annual Estimates of the Resident Population: July 1, 2020
Source: U.S. Census Bureau, Population Division



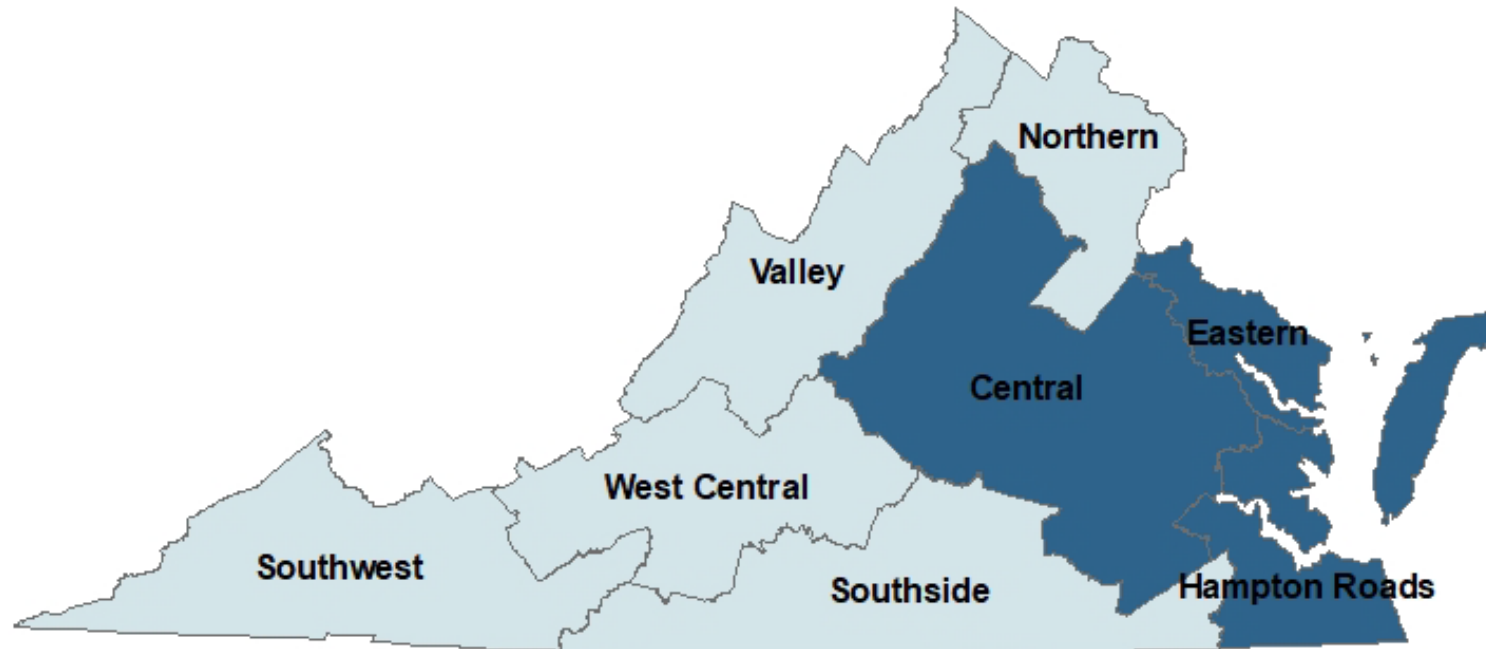


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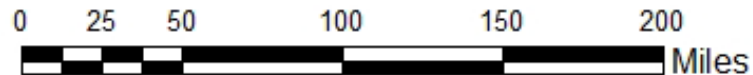


Median Debt for Dental Hygienists in 2022 by Virginia Performs Areas

Source: Va Healthcare Workforce Data Center

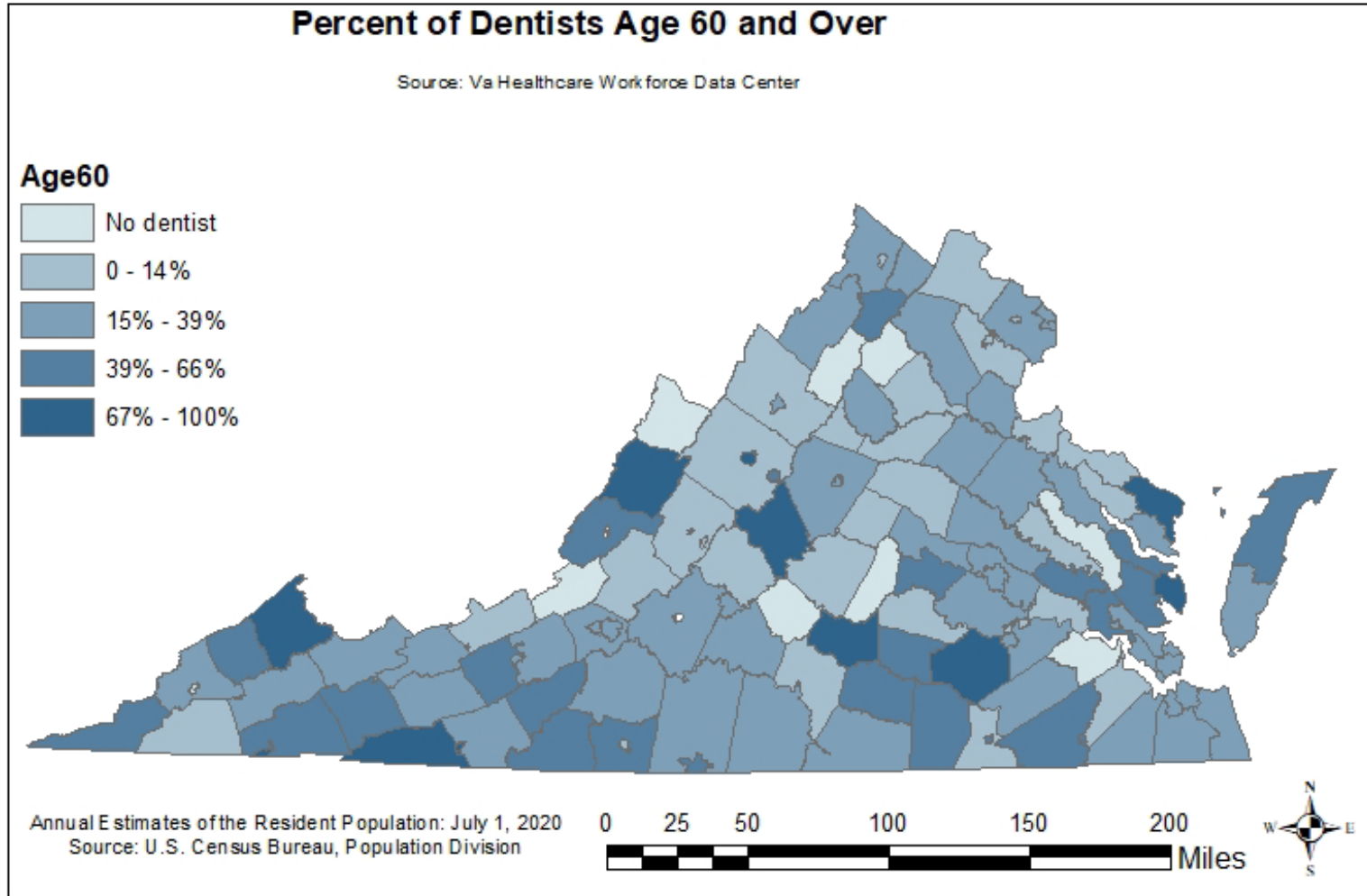


Annual Estimates of the Resident Population: July 1, 2020
Source: U.S. Census Bureau, Population Division





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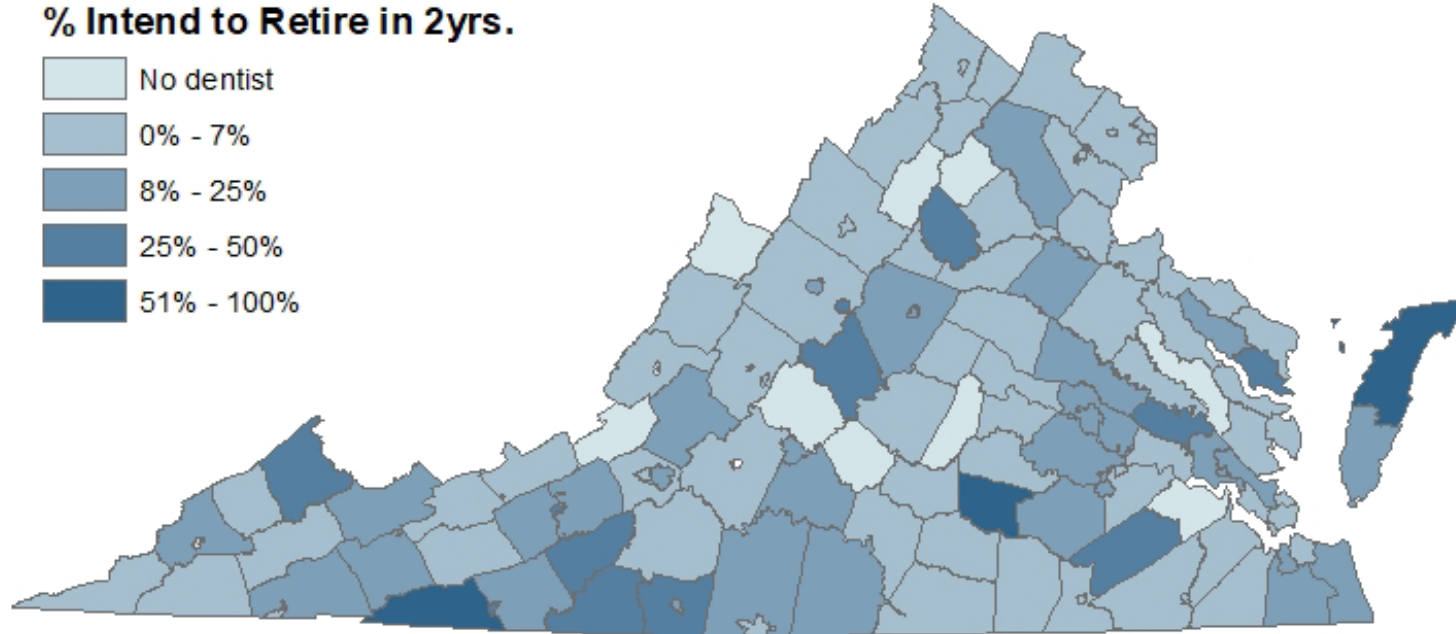


Percent of Dentists Intending to Retire in Two Years

Source: Va Healthcare Work force Data Center

% Intend to Retire in 2yrs.

- No dentist
- 0% - 7%
- 8% - 25%
- 25% - 50%
- 51% - 100%



Annual Estimates of the Resident Population: July 1, 2020
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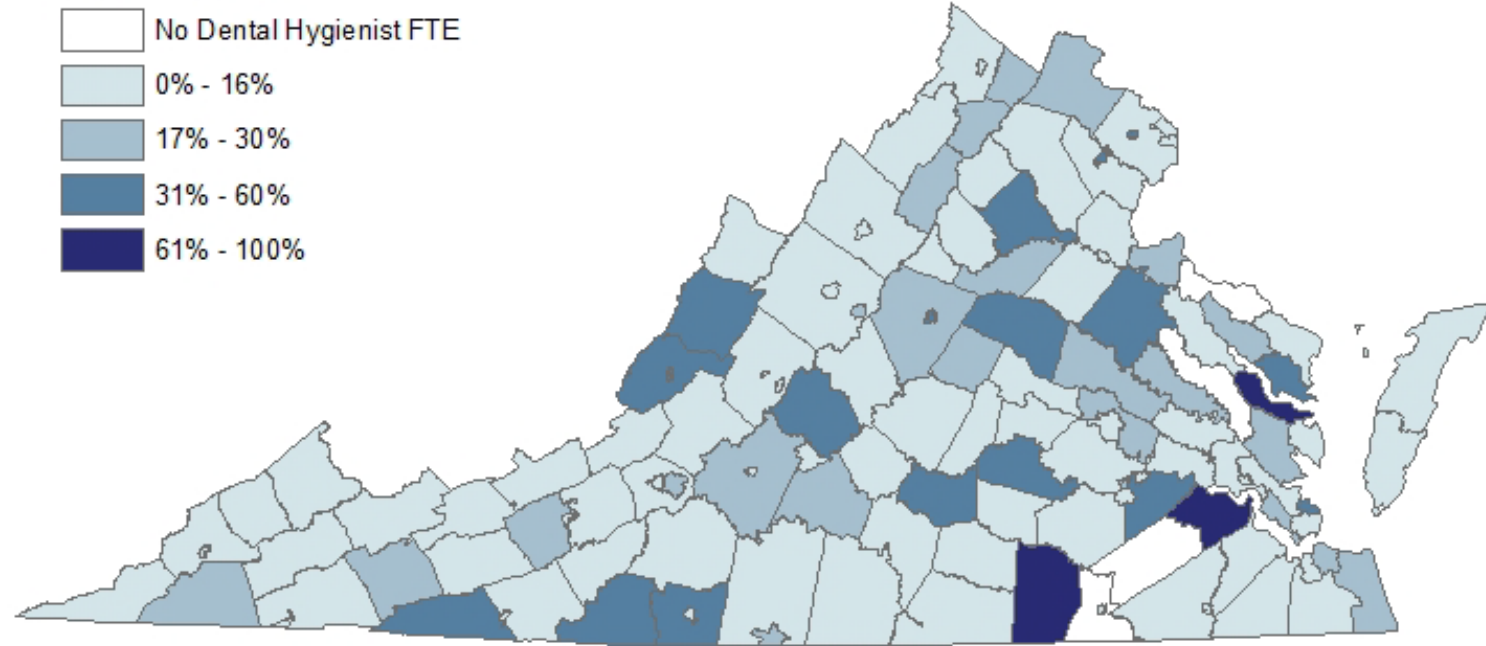


Percent of Dental Hygienists Age 60 and Over

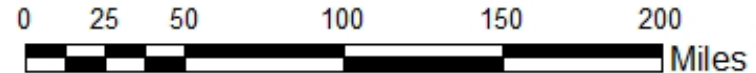
Source: Va Healthcare Work force Data Center

% Over Age 60

- No Dental Hygienist FTE
- 0% - 16%
- 17% - 30%
- 31% - 60%
- 61% - 100%



Annual Estimates of the Resident Population: July 1, 2020
Source: U.S. Census Bureau, Population Division



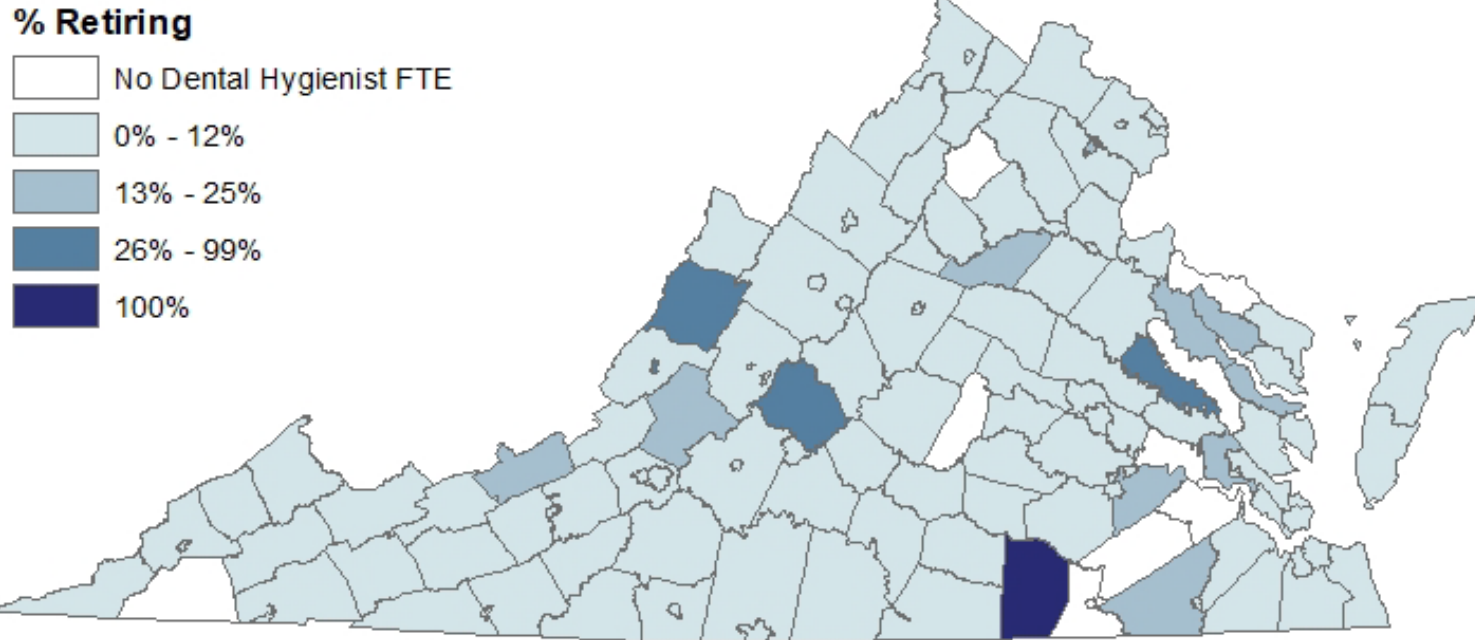


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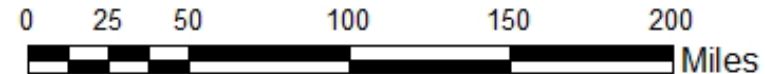


Percent of Dental Hygienists Intending to Retire in Two Years

Source: Va Healthcare Workforce Data Center



Annual Estimates of the Resident Population: July 1, 2020
Source: U.S. Census Bureau, Population Division





Conclusion



Access to dental workforce in Virginia is similar to US although VA workforce is slightly older



Dental hygienists and dentists are concentrated in different areas of the state



Dental hygienist have higher underemployment and voluntary unemployment rates than dentists



References

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Questions?