

# Trends in the Supply, Distribution and Employment of Dentists in North Carolina

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*North Carolina Health Professions Data System*

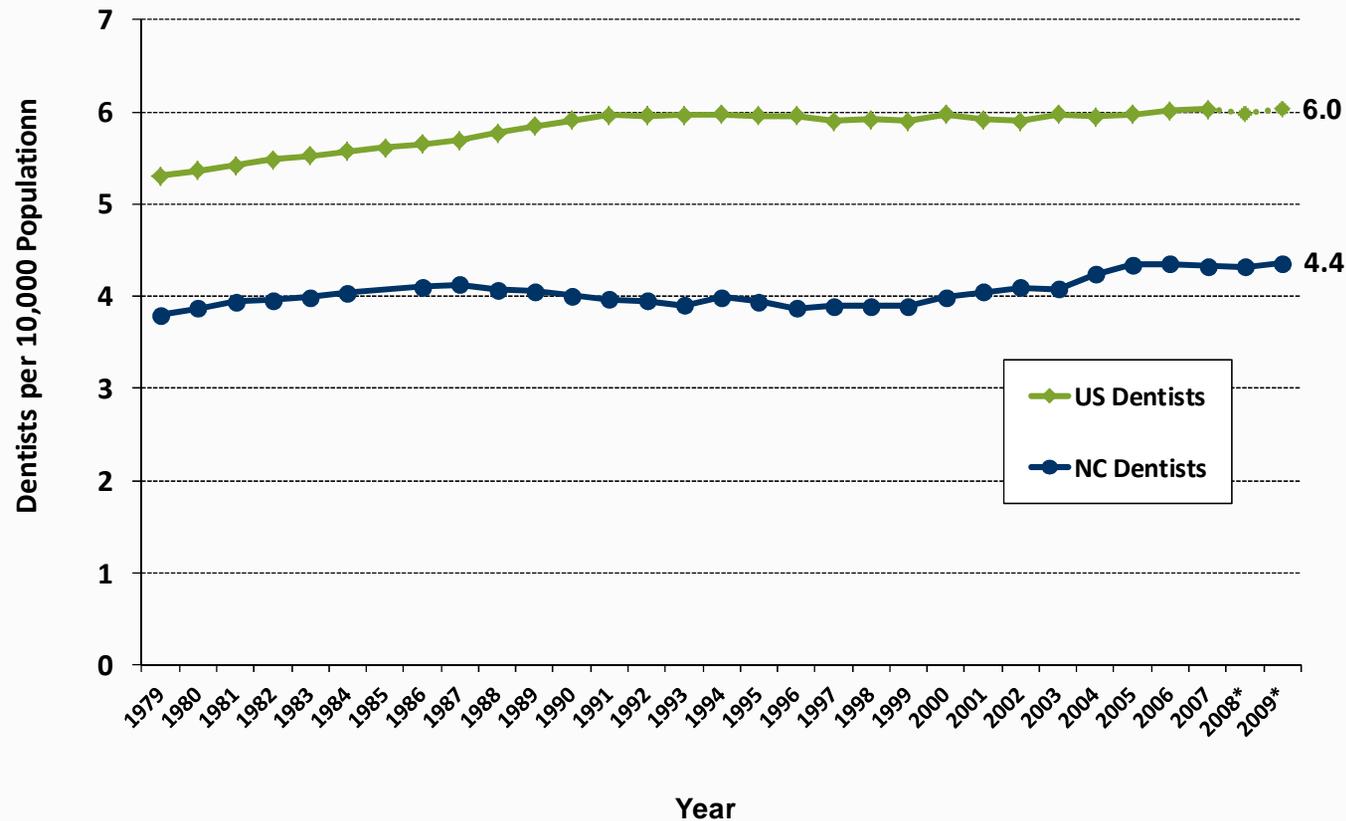


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# North Carolina Supply Lags Behind US

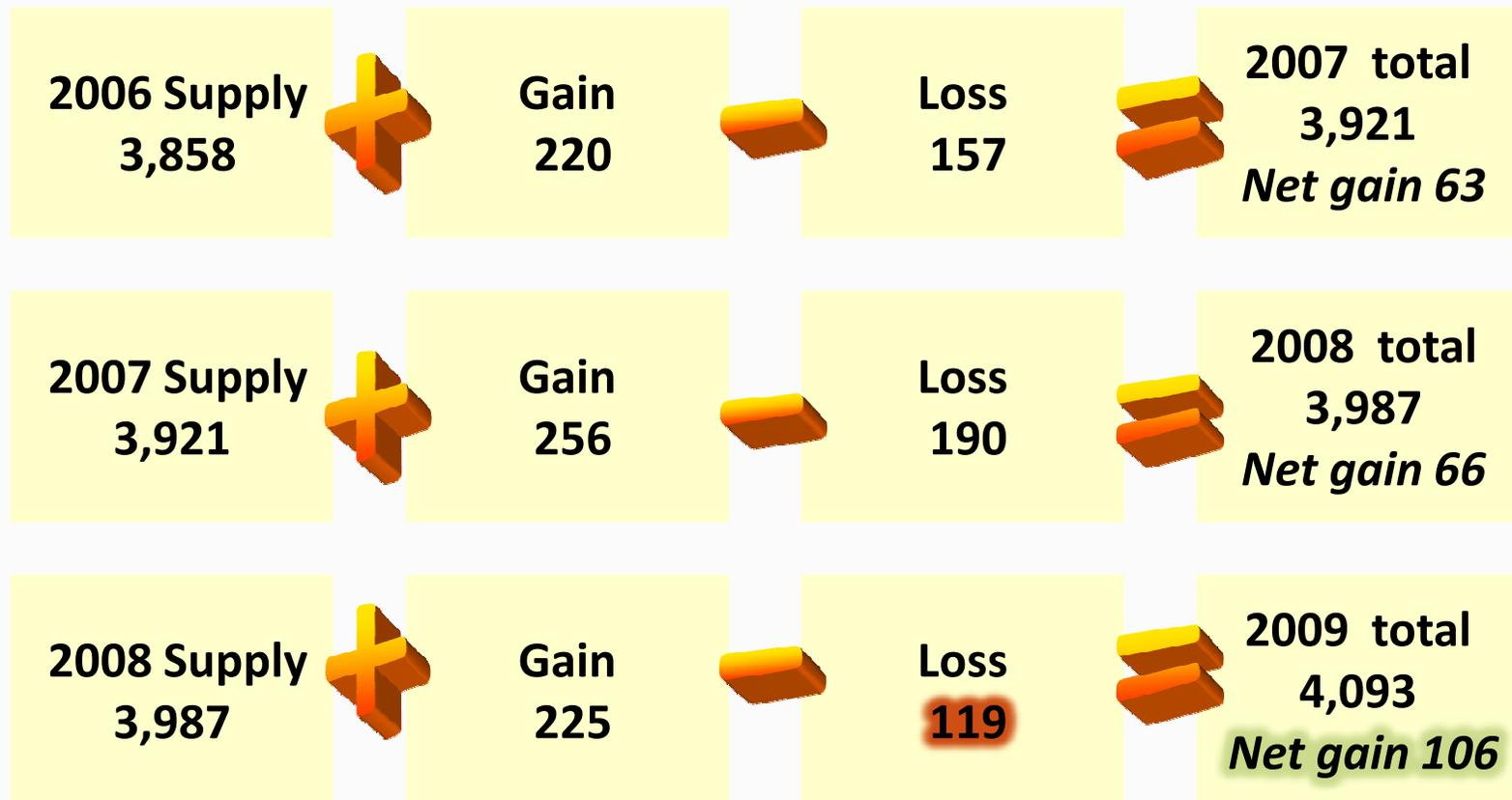
Dentists per 10,000 Population US and NC, 1979-2009



\*ADA number of actively practicing dentists in the U.S. in 2008 is 181,774, an increase of 73 from 2007. This increase is not consistent with that of previous years. Taking prior increases into account would result in an estimate 182,028 dentists actively practicing dentists in the U.S. in 2008 and 185,202 in 2009.

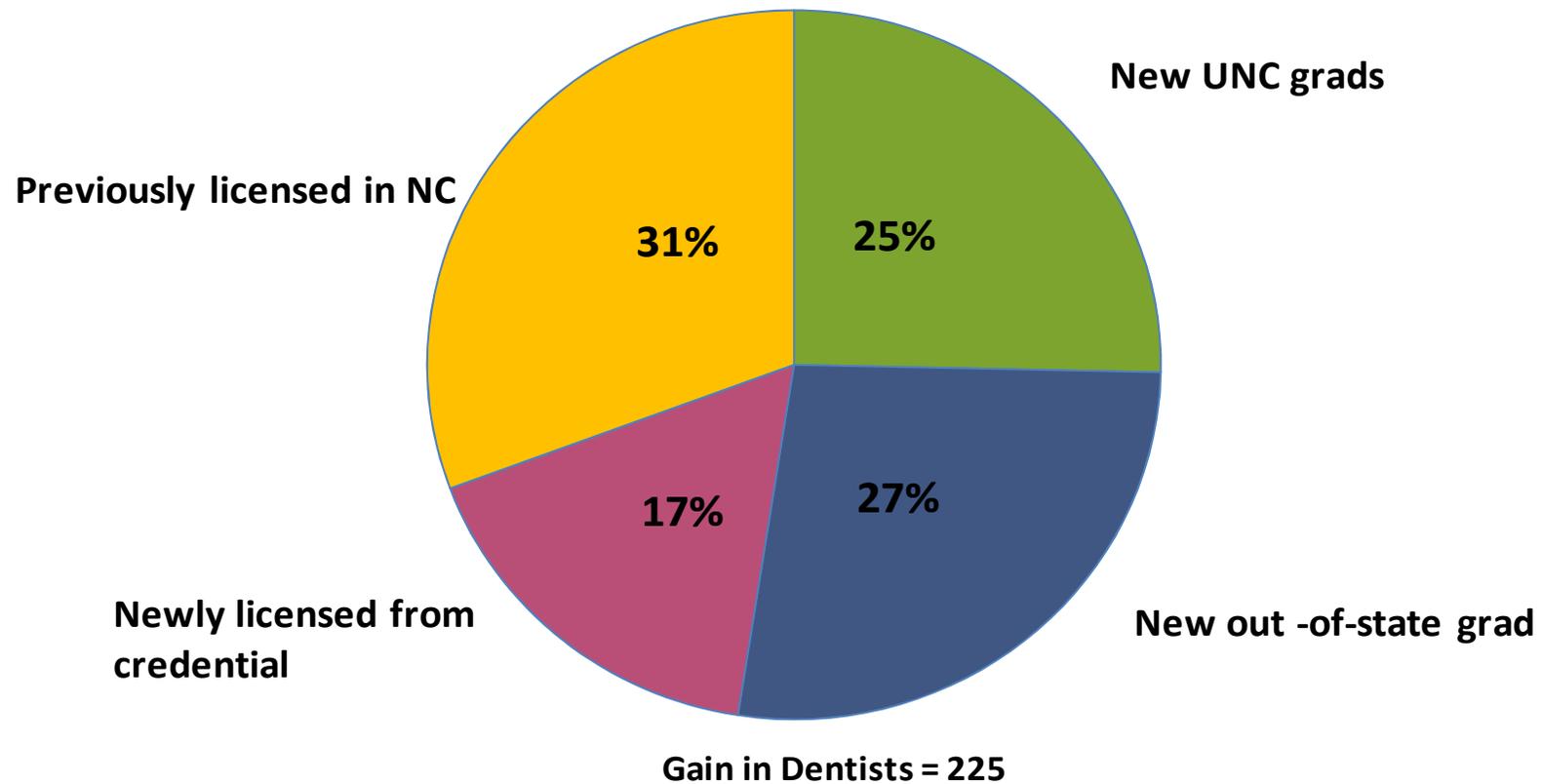
# Effect of Recession?

## Fewer Dentists Leave Workforce

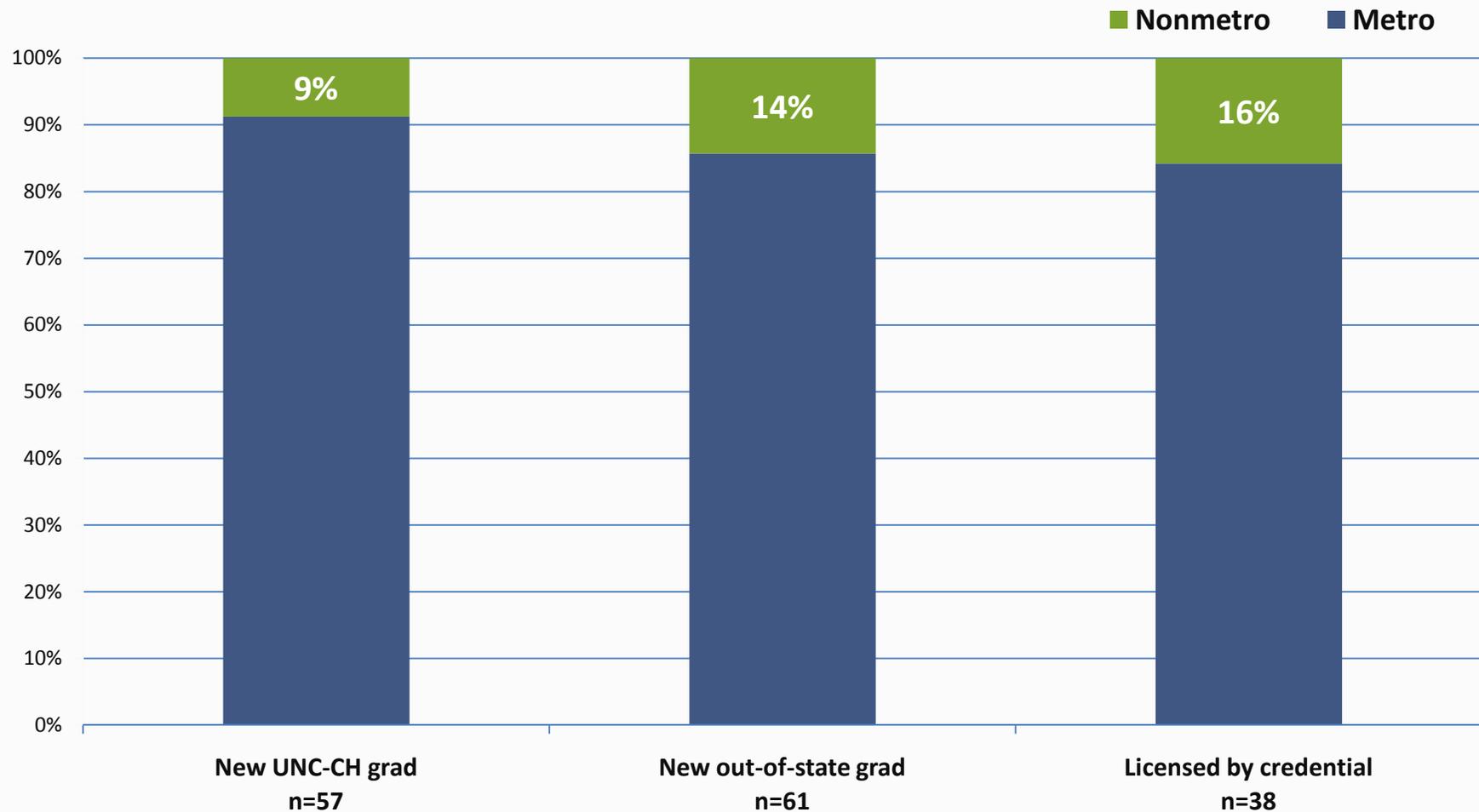


# One in Four New Dentists from UNC-CH

## Gain in Dentists, 2009

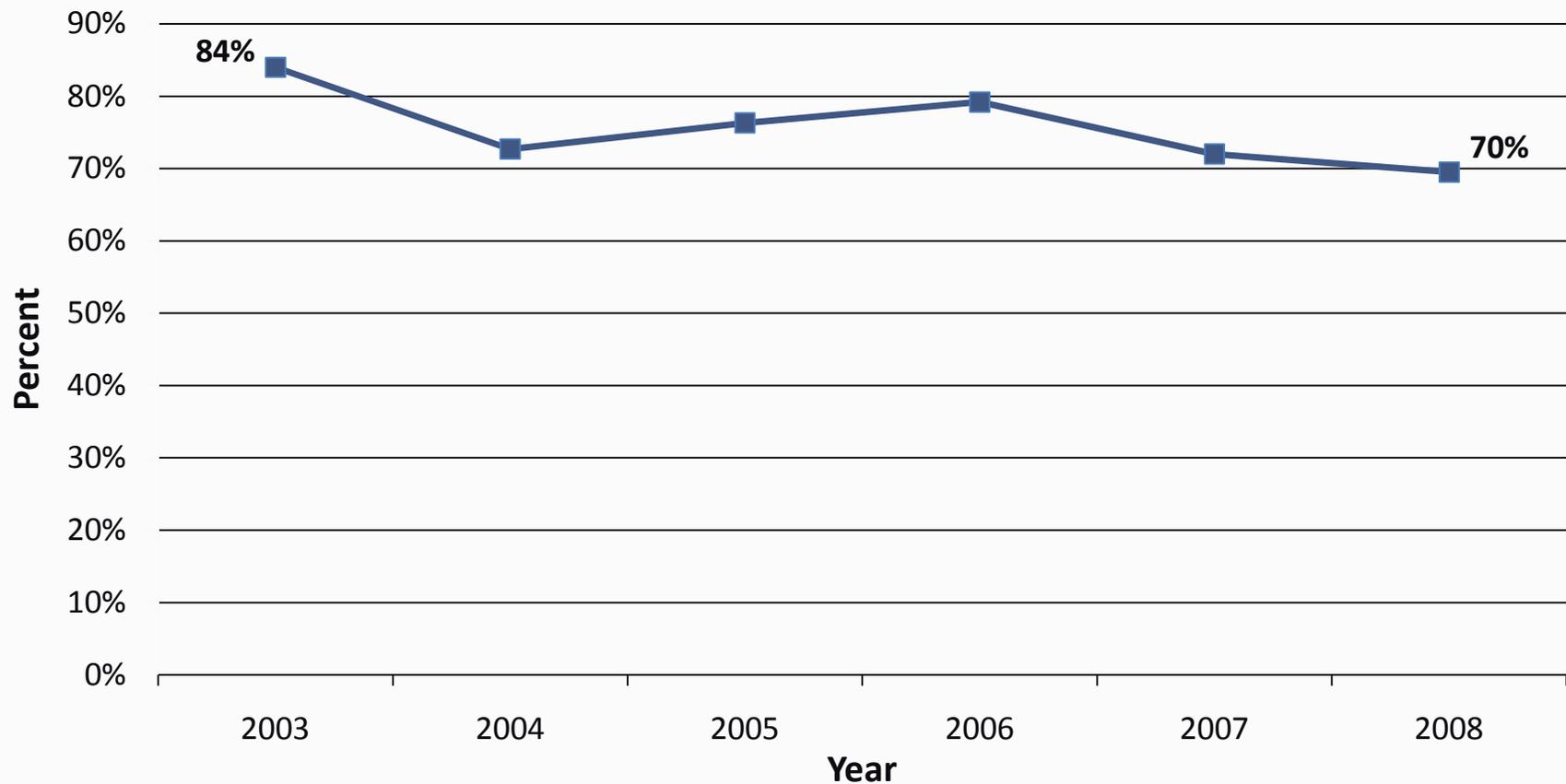


# UNC-CH New Grads Less Likely to Practice in Rural Areas



# Retention of Dentists Trained in North Carolina on the Decline

## Retention of Dentists Trained at UNC

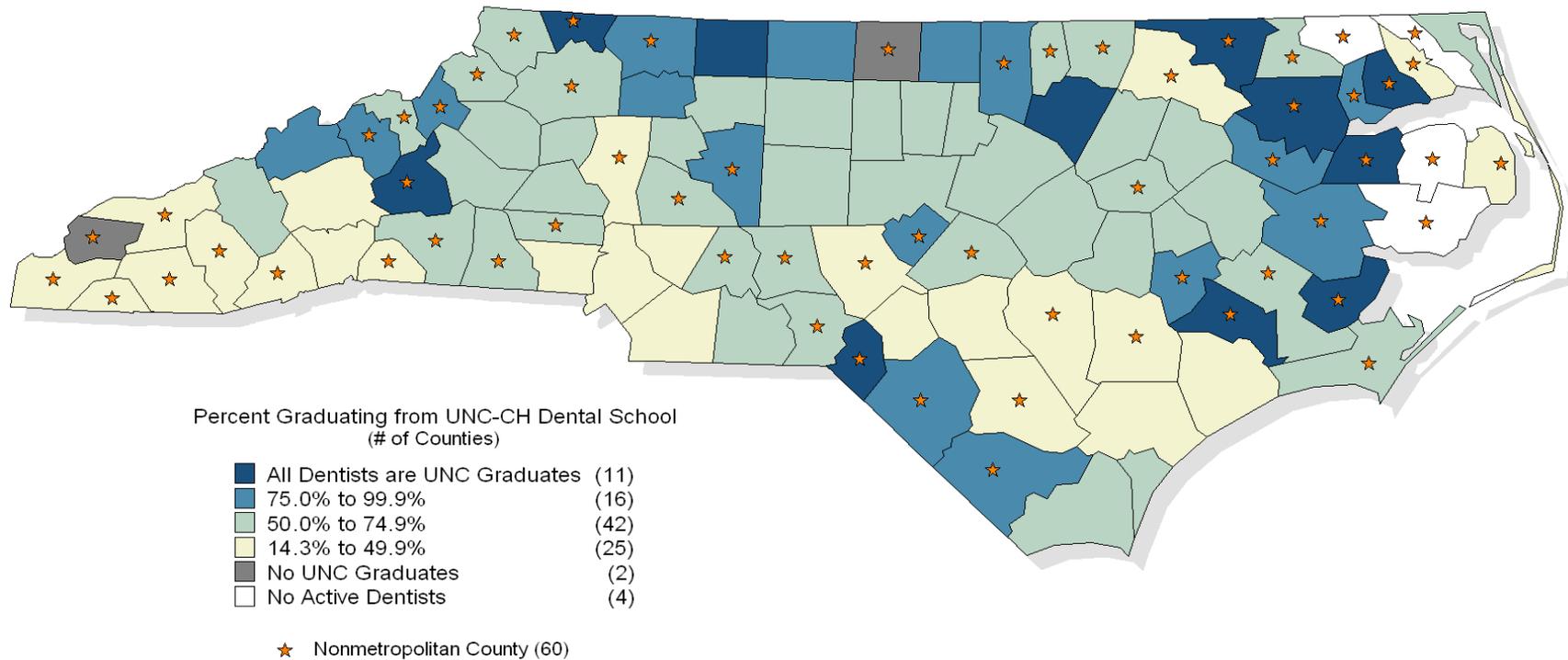


Sources: North Carolina Health Professions Data System with data derived from the North Carolina State Board of Dental Examiners, 2000-2009. Counts include active, instate dentists licensed in North Carolina as of October 31, 2000-2009. Retention was calculated # in licensure file for that year and year +1.



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## Percent of Active Dentists who Graduated from UNC-Chapel Hill Dental School North Carolina, 2009



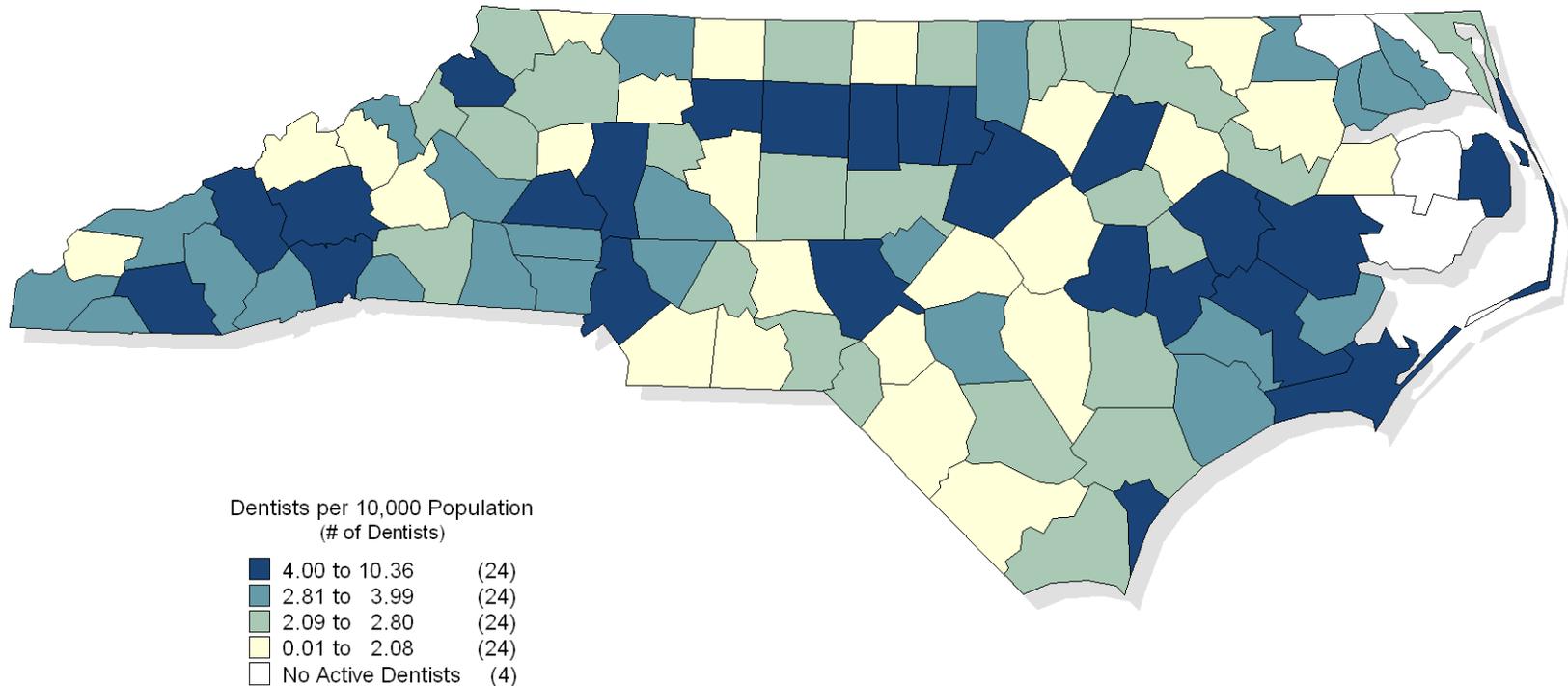
Notes: Data include active, in-state dentists licensed in North Carolina as of October 31, 2009.

Core Based Statistical Areas are current as of the December 2009 update. Nonmetropolitan counties include micropolitan and counties outside of CBSAs.

Source: North Carolina Health Professions Data System, with data derived from the NC State Board of Dental Examiners, 2009; US Census Bureau, 2009.

Produced by: North Carolina Health Professions Data System, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.

## Dentists per 10,000 Population North Carolina, 2009

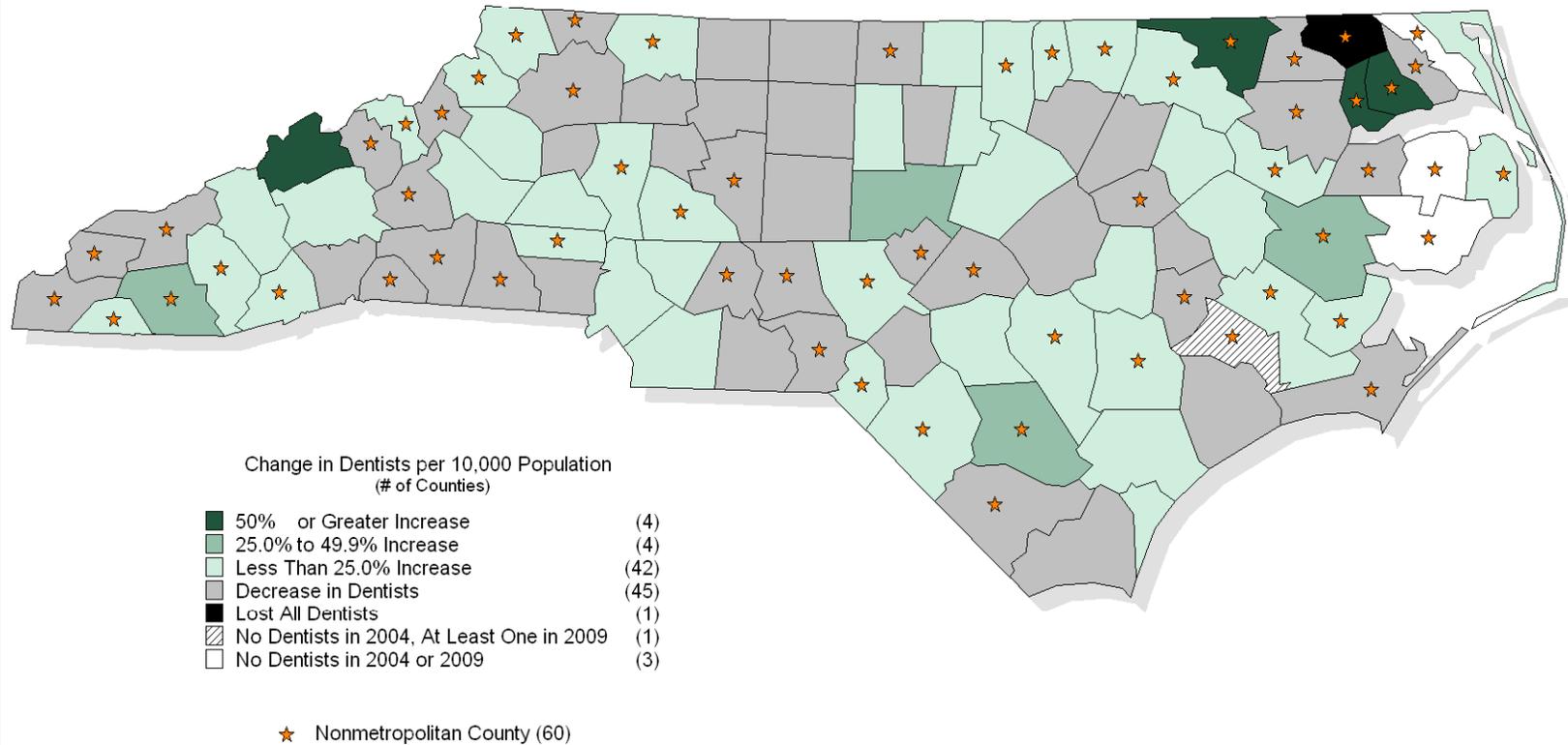


\*Dentists included are active or have unknown activity status.

Source: North Carolina Health Professions Data System, with data derived from the NC State Board of Dental Examiners, 2009.

Produced by: North Carolina Health Professions Data System, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.

## Change in Dentists per 10,000 Population North Carolina, 2004-2009



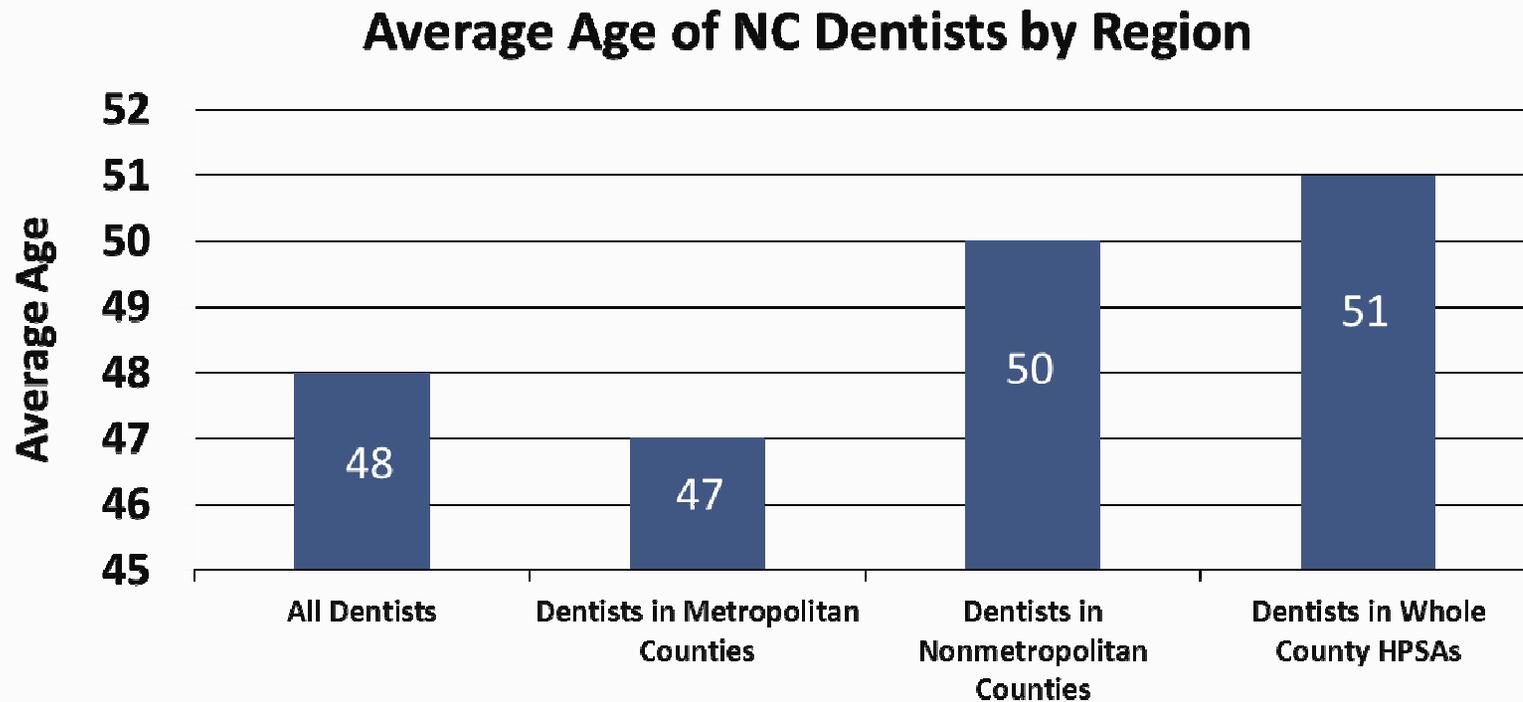
Notes: Data included active, in-state dentists licensed in North Carolina as of October 31 of the respective year.

Core Based Statistical Areas are current as of the December 2009 update. Nonmetropolitan counties include micropolitan and counties outside of CBSAs.

Source: North Carolina Health Professions Data System, with data derived from the NC State Board of Dental Examiners, 2004-2009; US Census Bureau, 2009.

Produced by: North Carolina Health Professions Data System, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill.

# North Carolina Dental Workforce is Graying



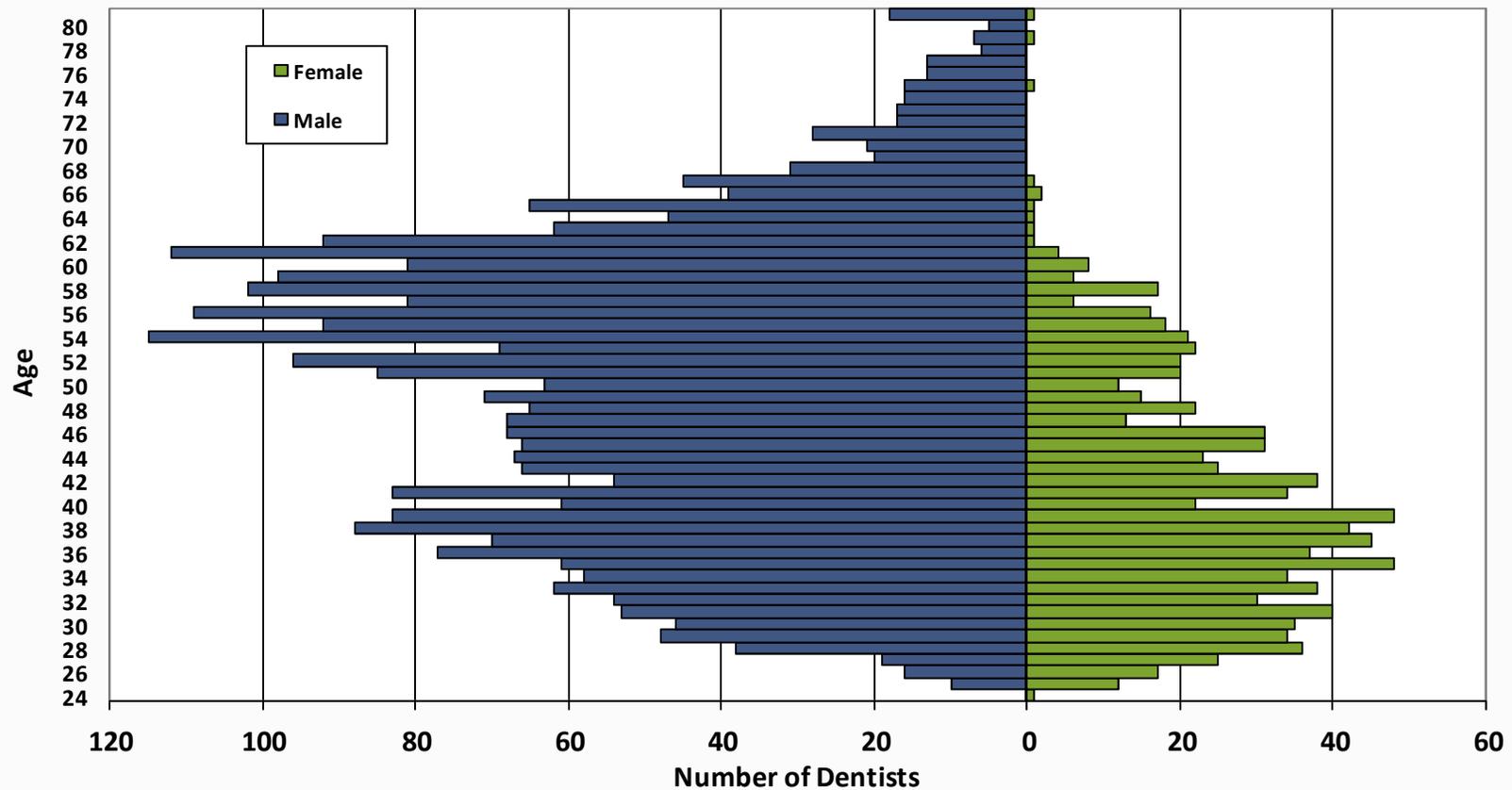
**3 counties in NC have dentists whose average age is 65 years or older**

NOTE: Three dentists were missing age. Sources: North Carolina Health Professions Data System with data derived from the North Carolina State Board of Dental Examiners, 2009. Figures include active, instate dentists licensed in North Carolina as of October 31, 2009.



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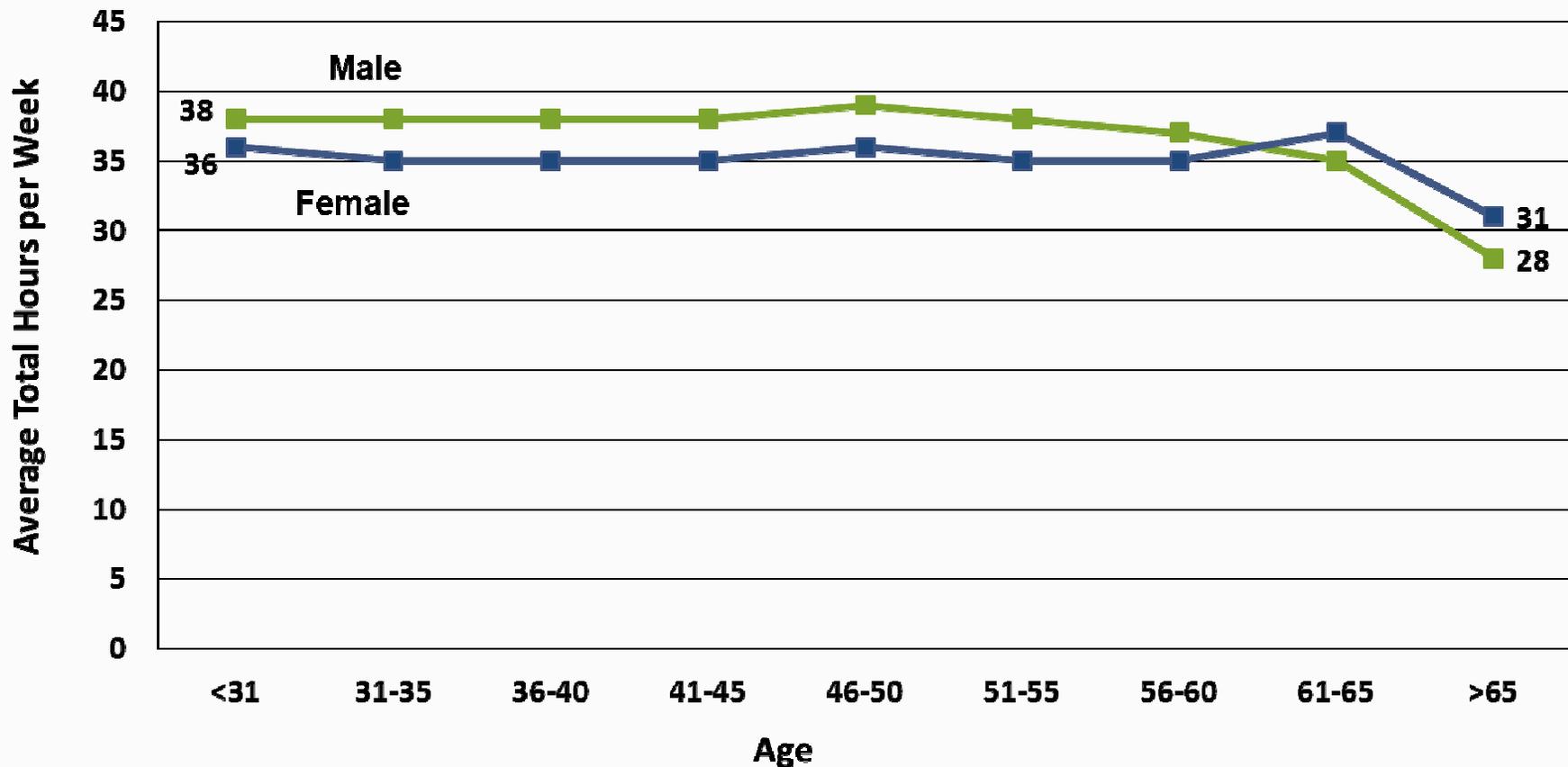
# Dentists by Age and Gender, 2009



NOTE: Three dentists were missing age. Sources: North Carolina Health Professions Data System with data derived from the North Carolina State Board of Dental Examiners, 2009. Figures include active, instate dentists licensed in North Carolina as of October 31, 2009.

# Gender Differences in Work Hours

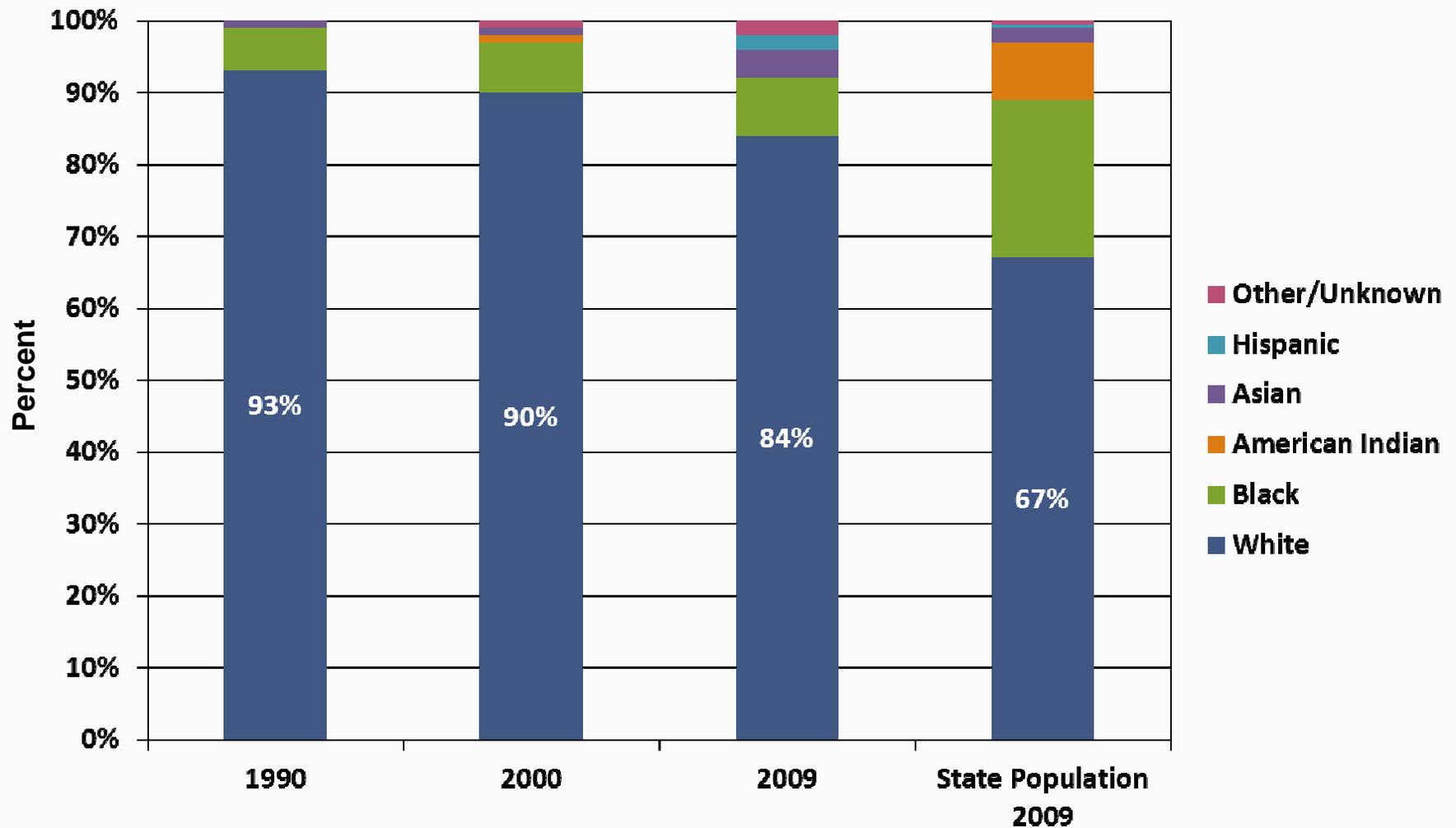
Average Hours per Week by Age and Gender,  
NC Dentists, 2009



Note: Three dentists were missing age and 84 male dentists and 57 female dentists did not report total hours per week in 2009. Sources: North Carolina Health Professions Data System with data derived from the North Carolina State Board of Dental Examiners, 2009. Figures include active, instate dentists licensed in North Carolina as of October 31, 2009.



# Diversity of Dentists, 1990-2009



# Over Three out of Four North Carolina Dentists are in General Practice

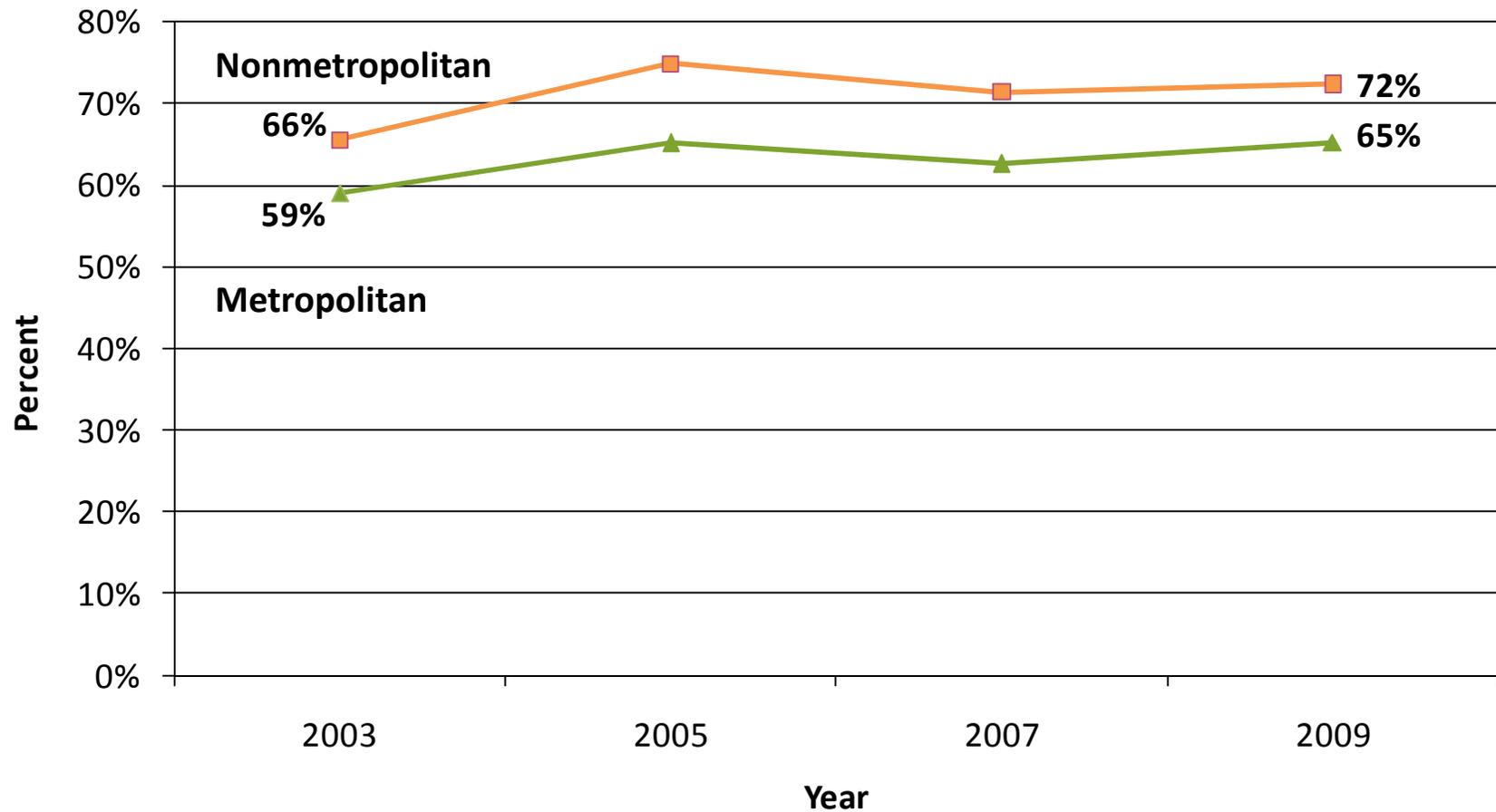
Specialty 2009	
<i>General Practice</i>	<b>78% (3,203)</b>
Orthodontics	6% (247)
Pediatric Dentistry	4% (153)
Oral Surgery	4% (152)
Endodontics	3% (119)
Periodontics	2% (100)
Public Health	2% (66)
Prosthodontics	1% (47)
Oral/Maxillofacial Radiology	<1% (6)

# Fastest Growing Specialty from 2003-2009 is Pediatric Dentistry

Average  
workforce  
growth = 20%

Specialty	2003	2009	% change
<b><i>Pediatric Dentistry</i></b>	<b>100</b>	<b>153</b>	<b>53%</b>
Public Health	48	66	38%
Endodontics	90	119	32%
General Practice	2,679	3,203	20%
Orthodontics	221	247	12%
Oral surgery	142	152	7%
Periodontics	96	100	4%
Prosthodontics	51	47	-8%
Oral Pathology	1	0	-100%
Oral/Maxillofacial	0	6	----

# Slight Increase in Self-Employed Dentists



Sources: North Carolina Health Professions Data System with data derived from the North Carolina State Board of Dental Examiners, 2003-2009. Counts include active, in-state dentists licensed in North Carolina as of October 31, 2003-2009.



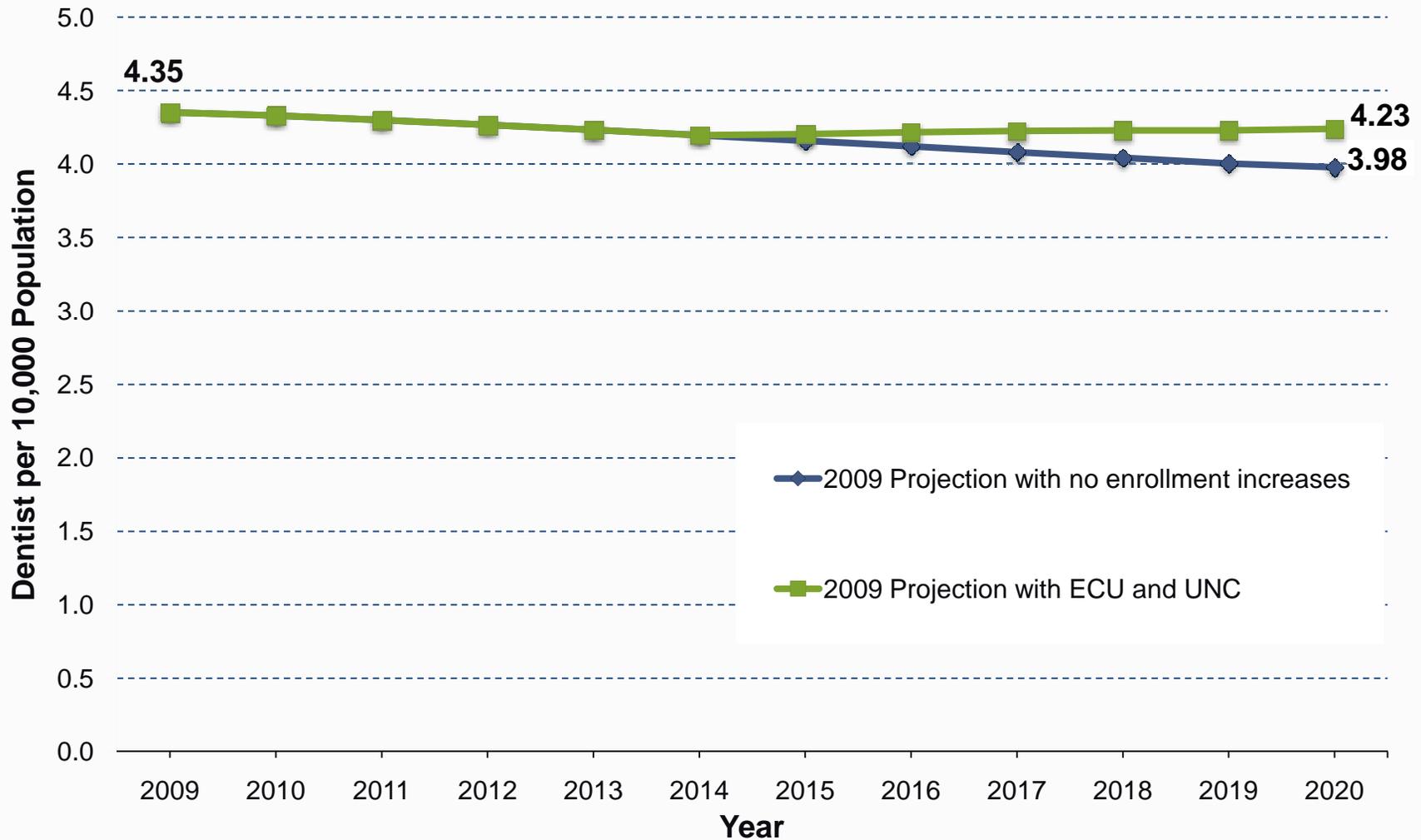
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# Projections

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# Projections Show Decline in Dentists per Population by 2020



# Questions?

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