

# 2020 Census Update Redistricting Data

Zach Swick

Senior GIS Analyst

Southern New Hampshire Planning Commission

October 21, 2021

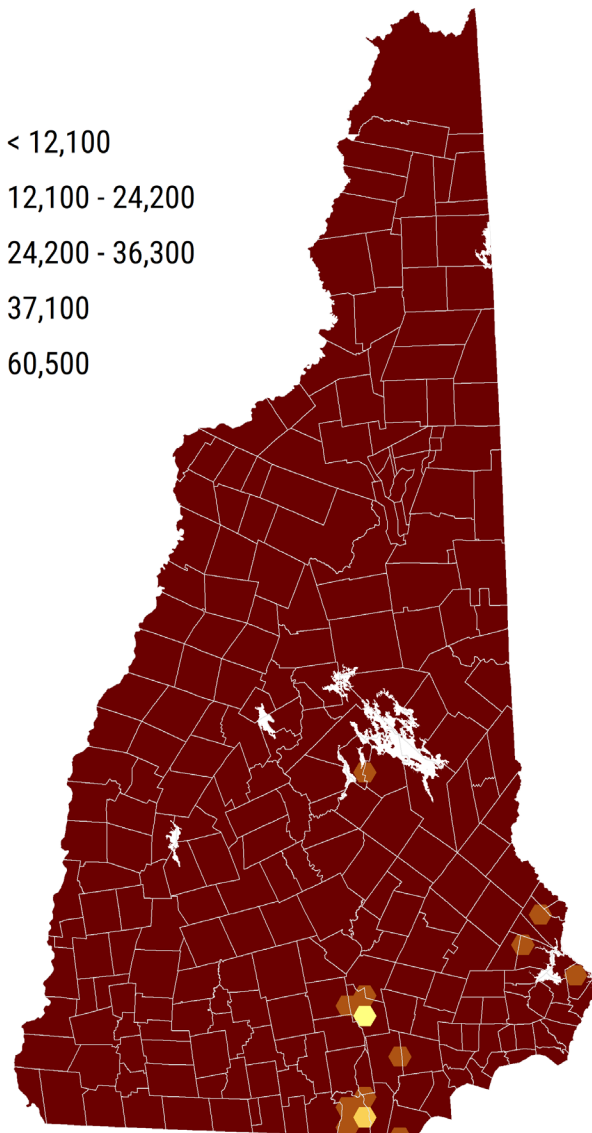
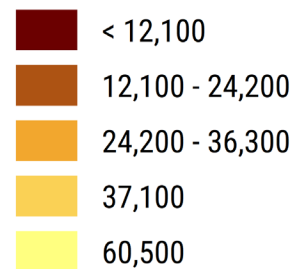
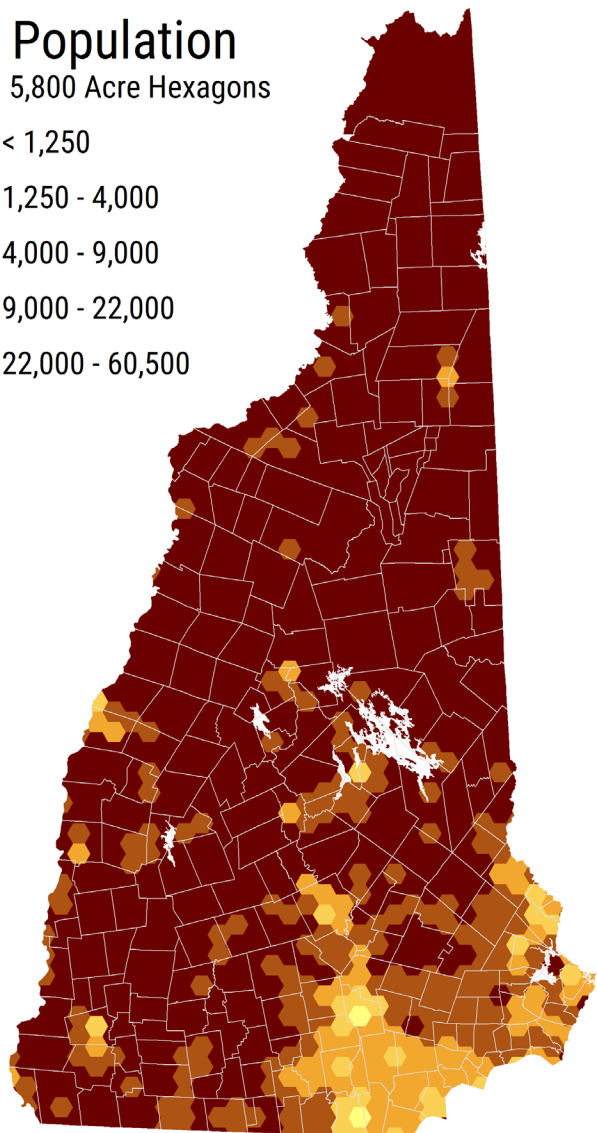
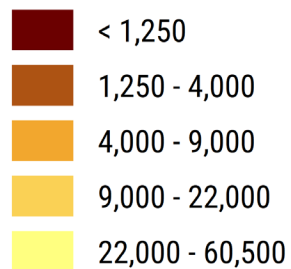
# 2020 Redistricting Data

- Released August 12, 2021
- Census blocks, county subdivisions (cities, towns), & counties
- Data necessary for states & cities to modify legislative districts
- Total population
  - Race & Hispanic or Latino ethnicity
- 18+ population
  - Race & Hispanic or Latino ethnicity
- Housing Units
  - Occupied, Vacant
- Group quarter housing population

*How to "lie" with graphs, maps, & data...*

## 2020 Population

Approx. 5,800 Acre Hexagons



# Population



- Metro NH

- 2010 OMB Metropolitan Statistical Areas
  - Hillsborough, Rockingham, & Stafford Counties

- Non-Metro NH

- 2010 OMB Non-Metropolitan Statistical Areas
  - Belknap, Carroll, Cheshire, Coös, Grafton, Merrimack, & Sullivan Counties

- >10K Towns

- SNHPC Towns (6) with more than 10,000 residents in 2020
  - Bedford, Derry, Goffstown, Hooksett, Londonderry, & Windham

- <10K Towns

- SNHPC Towns (7) with less than 10,000 residents in 2020
  - Auburn, Candia, Chester, Deerfield, Francestown, New Boston, & Weare

## 2020

	Population		Area (Acres)	
New Hampshire	1,377,530	100%	5,983,670	100%
Rural*	559,140	41%	5,558,980	93%
Urban*	818,390	59%	424,690	7%
Urbanized*	652,340	47%	341,870	6%
Non-Metropolitan*	509,680	37%	4,702,630	79%
Metropolitan	867,850	63%	1,281,050	21%
Manchester UZA*	167,360	12%	56,240	1%
Manchester-Nashua NH MSA*	422,940	31%	571,150	10%

*Rural areas* account for  
90% of NH

*3 in 5* NH residents live  
in an *urban area*

*3 in 5* NH residents live  
in a *metropolitan area*

\*Using most current boundaries. Will change with updated boundaries.

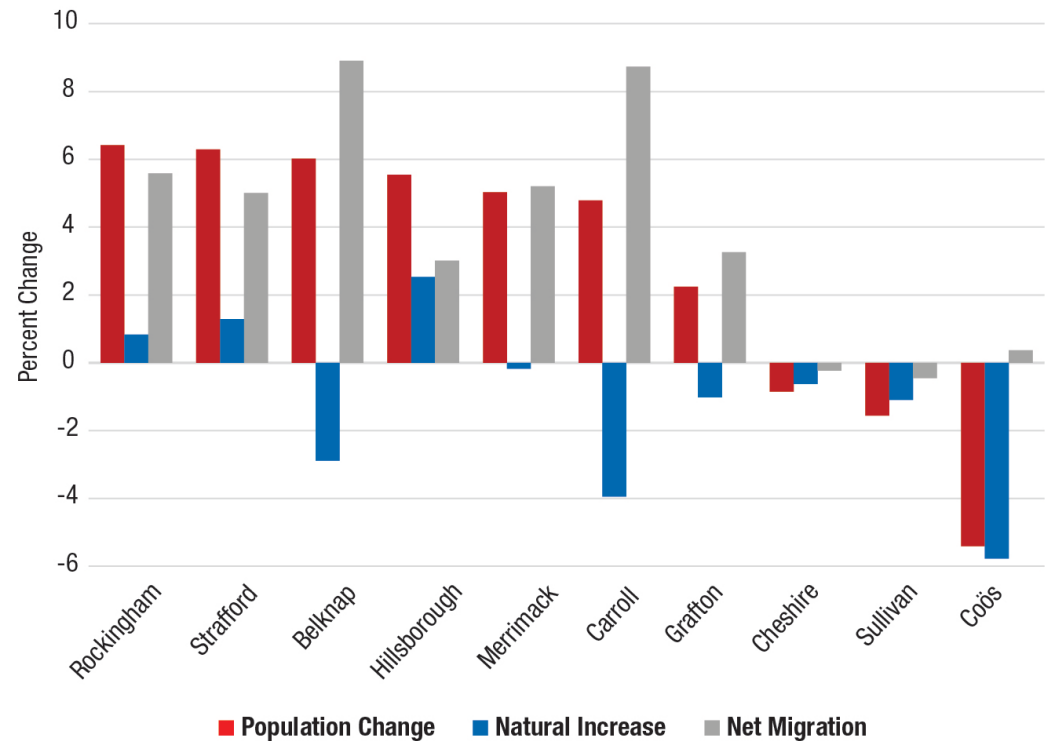
	2020	2000-2010	2010-2020
New Hampshire	1,377,530	6.5%	4.6%
Connecticut	3,605,940	4.9%	0.9%
Maine	1,362,360	4.2%	2.6%
Massachusetts	7,029,920	3.1%	7.4%
Rhode Island	1,097,380	0.4%	4.3%
Vermont	643,080	2.8%	2.8%

New Hampshire's population grew by a net 61,000 (4.6%) to 1,377,500 between 2010 and 2020

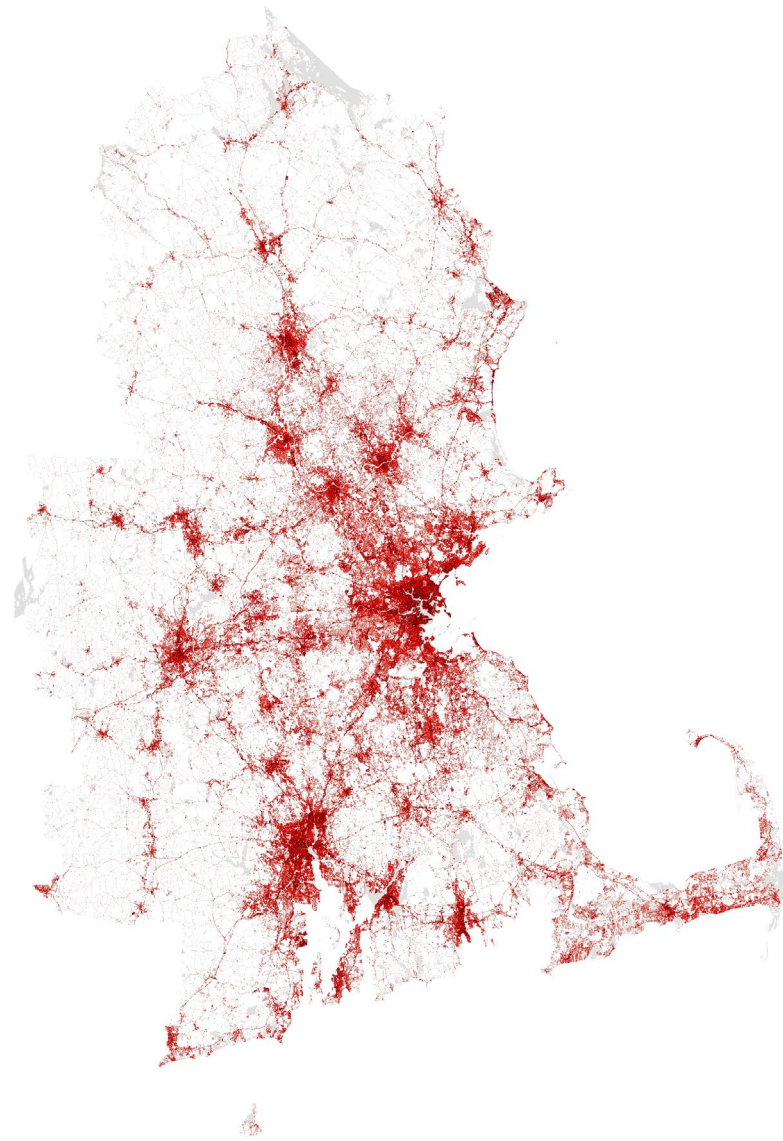
Natural increases (births exceeding deaths) only occurred in 3 of 10 counties

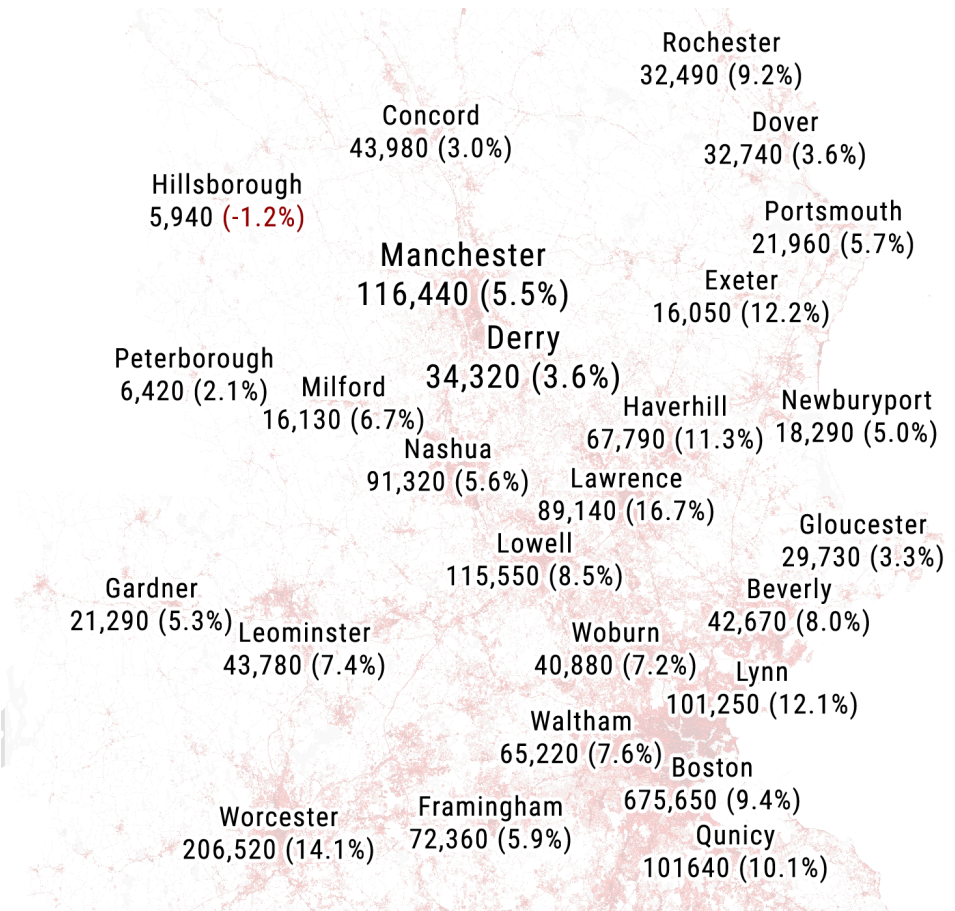
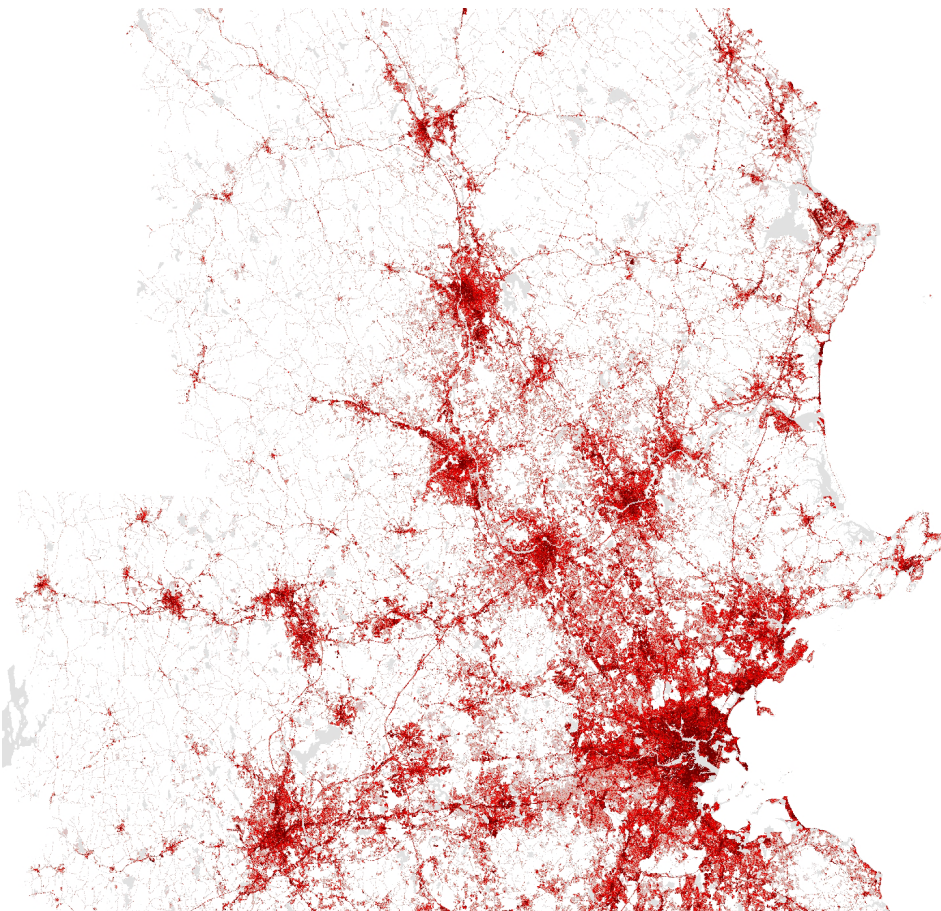
89% of NH's growth in the last decade was due to migration

**FIGURE 1. NEW HAMPSHIRE DEMOGRAPHIC CHANGE, 2010 TO 2020**

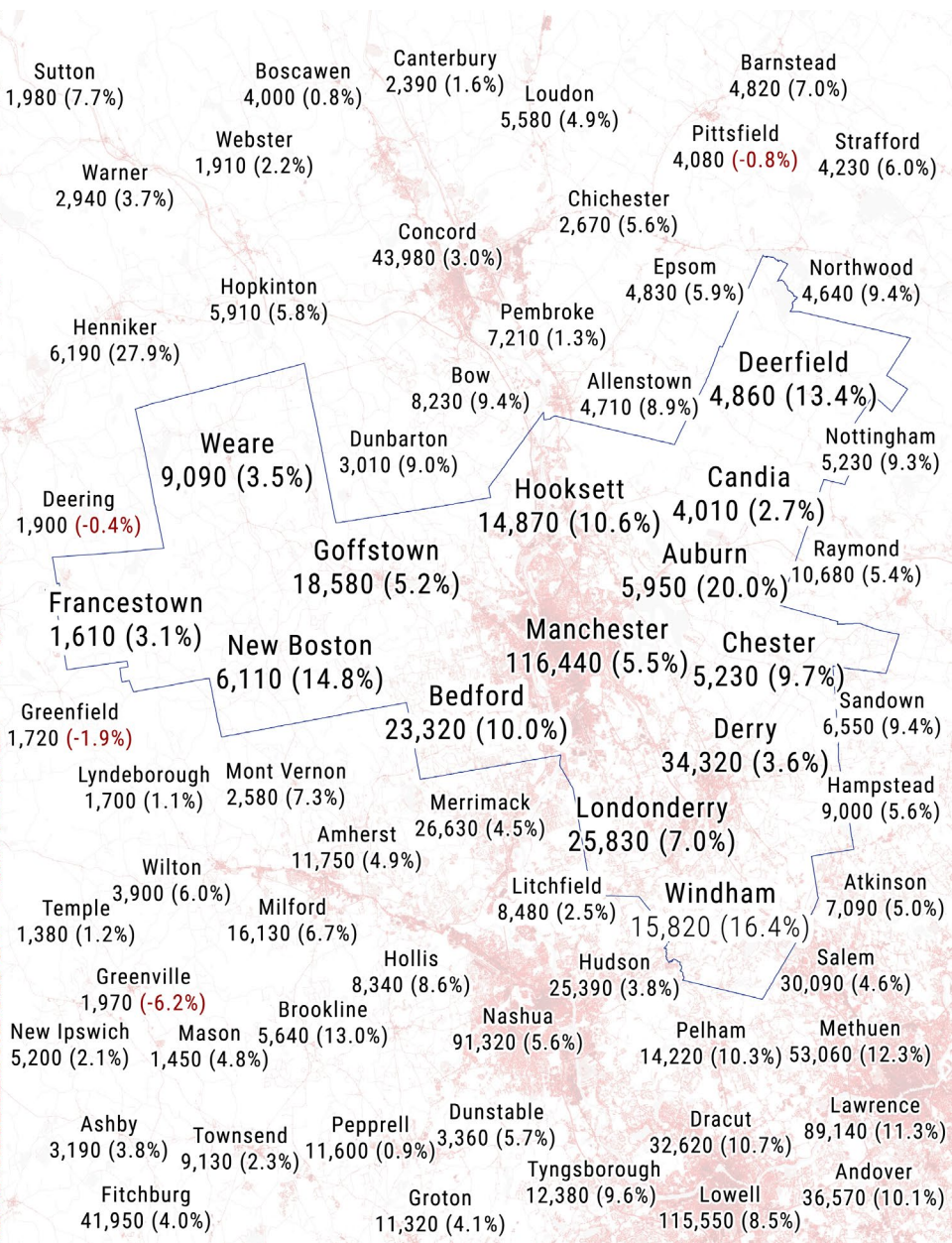
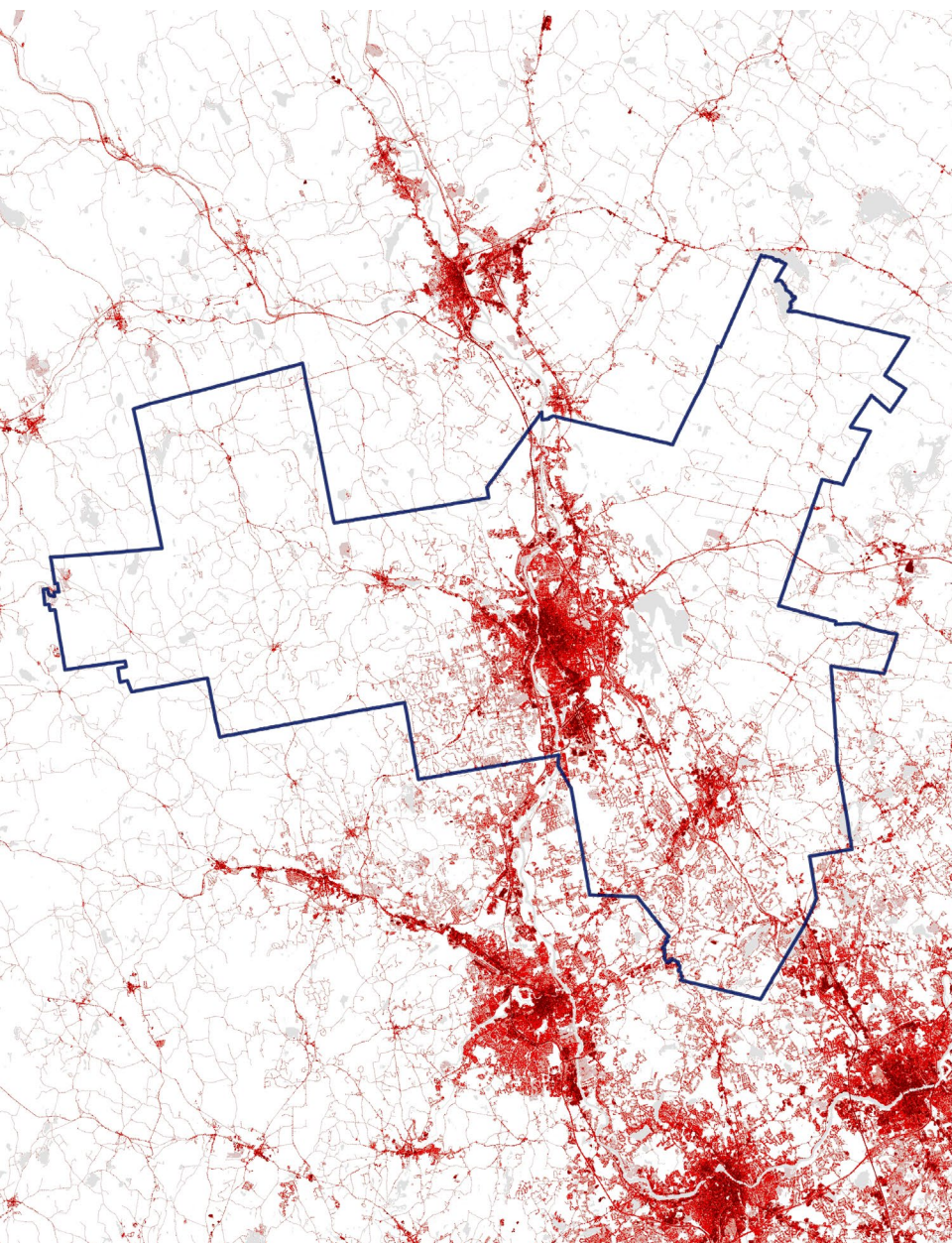


**Source:** U.S. Census, 2010 and 2020 Decennial Census and Census Bureau Population Estimates  
**Analysis:** K.M. Johnson, Carsey School, University of New Hampshire

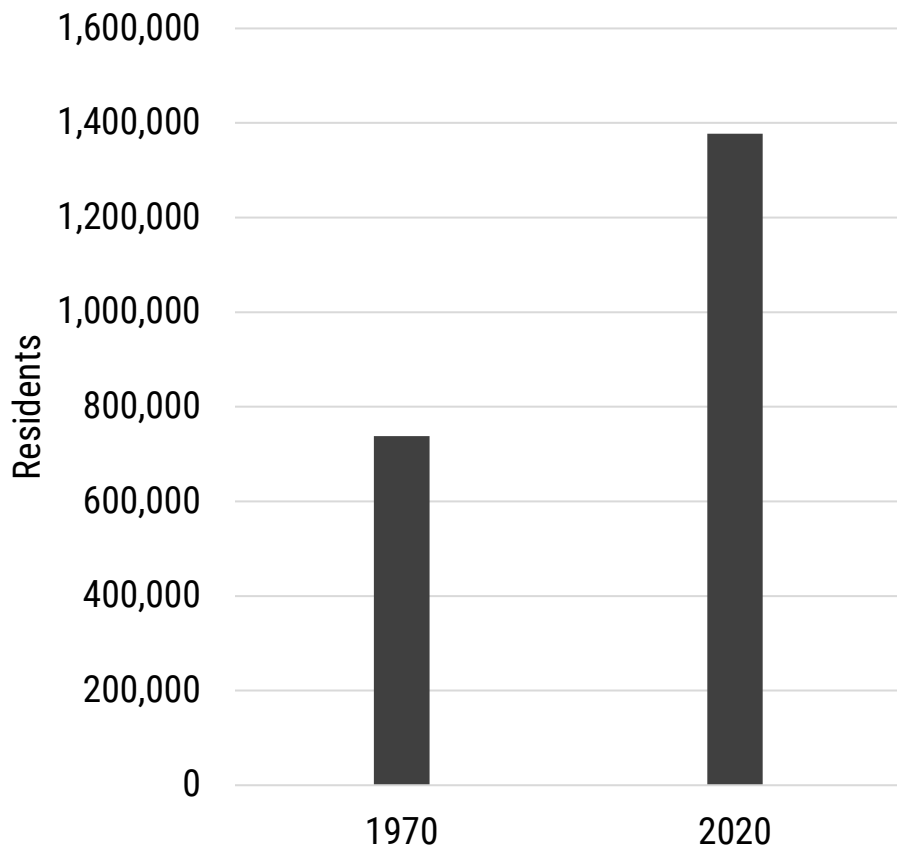




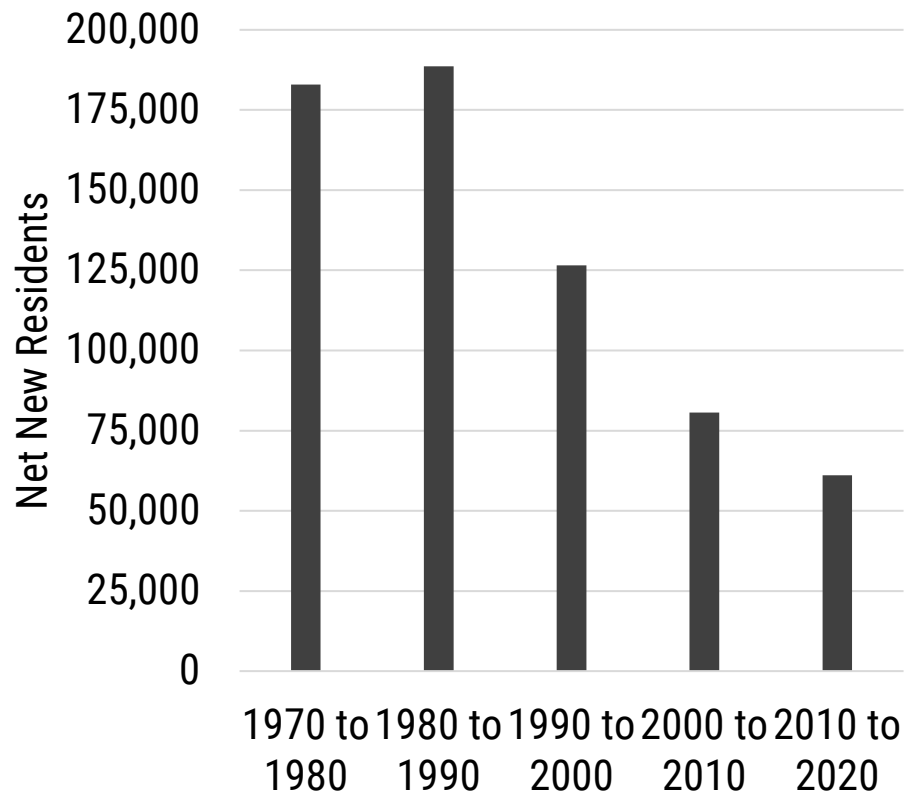


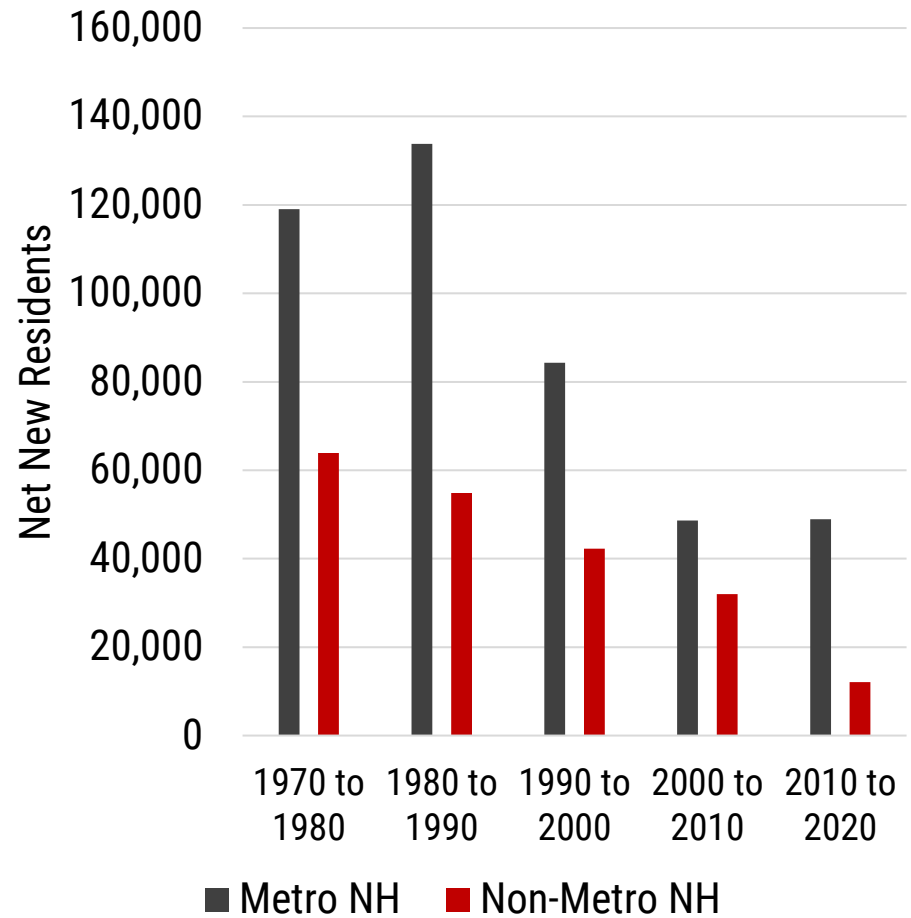
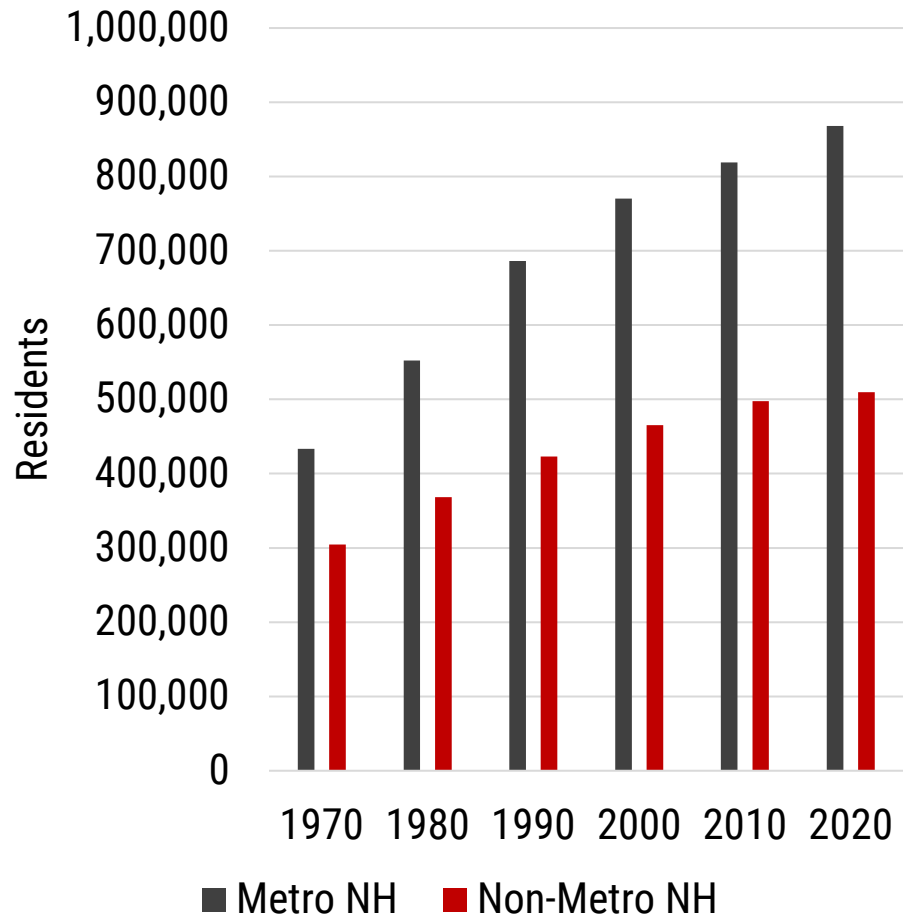


## New Hampshire



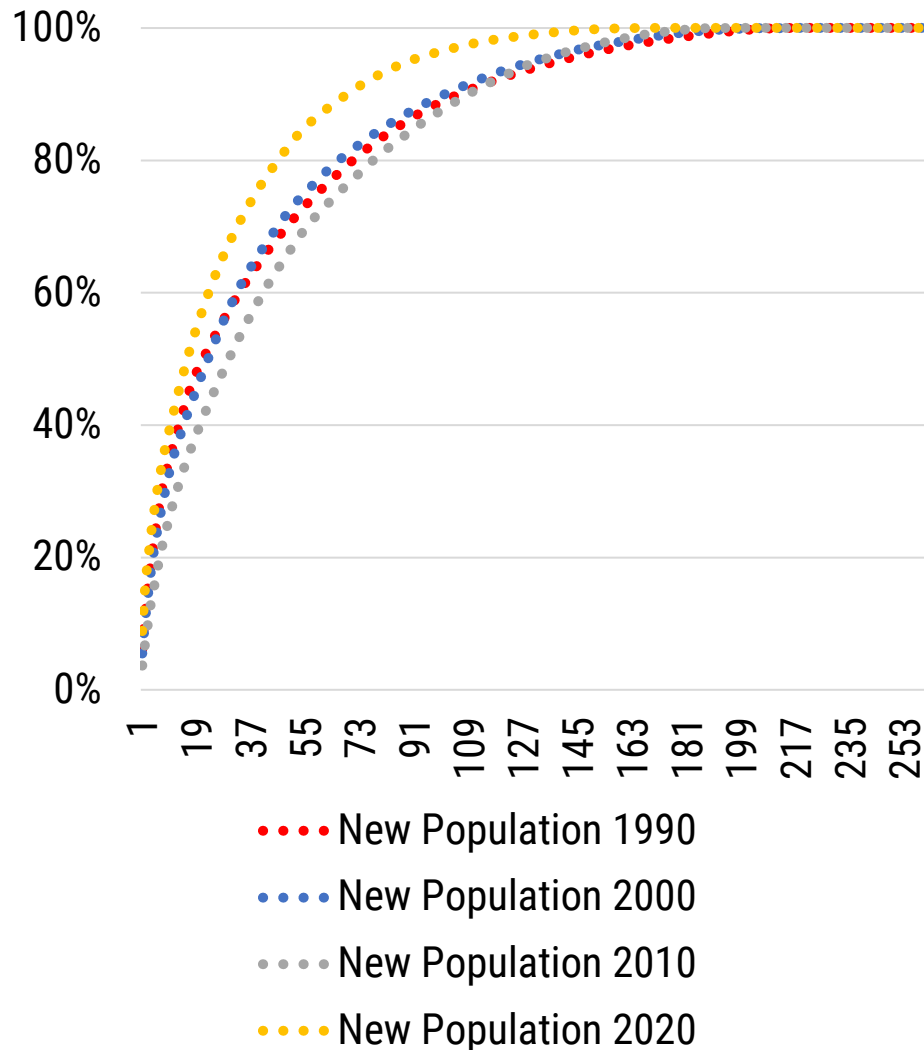
## New Hampshire (737,680 residents in 1970)







## NH County Subdivisions Cumulative Distribution

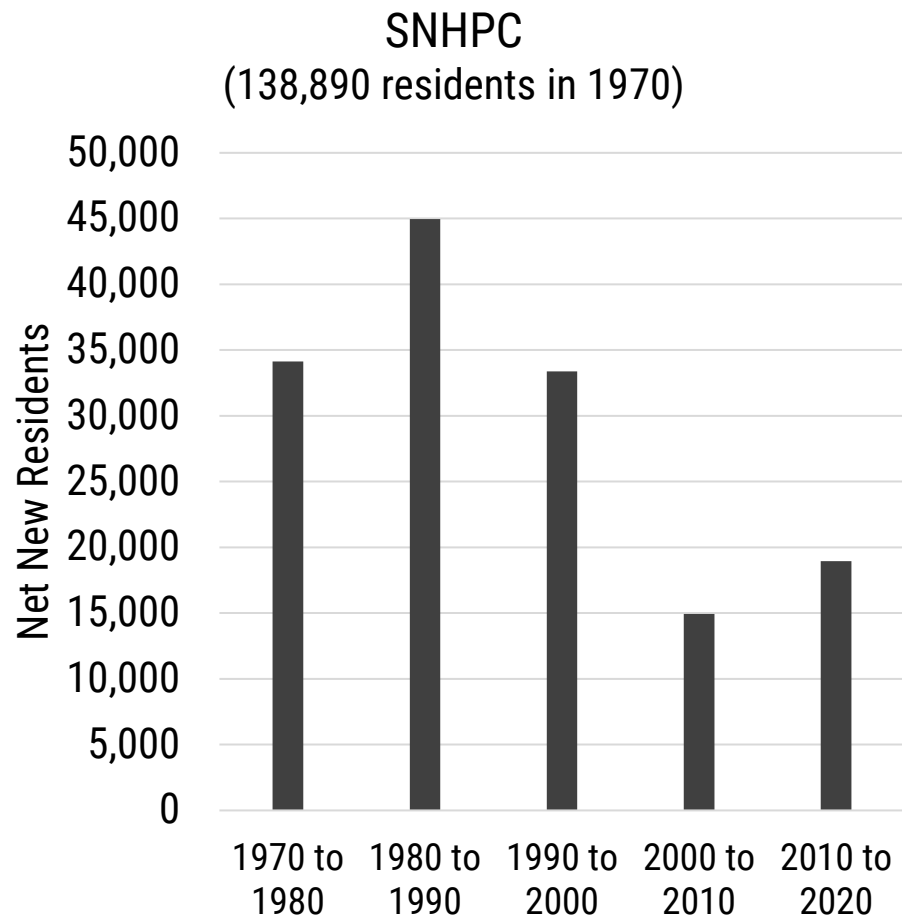
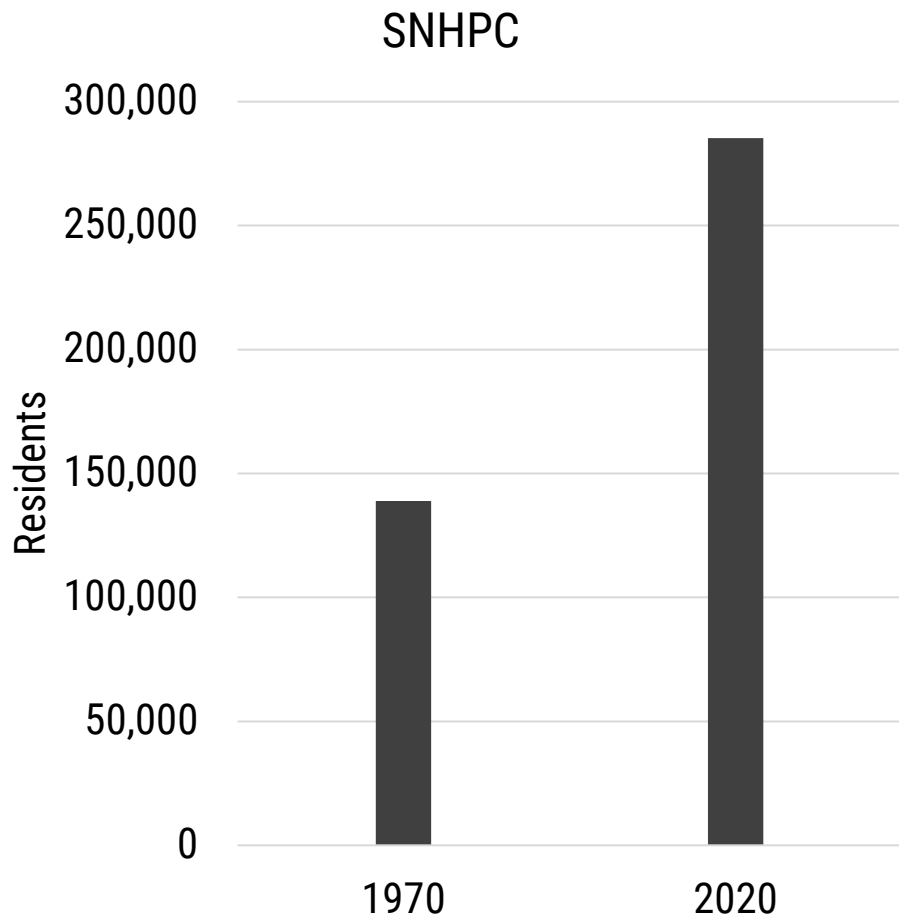


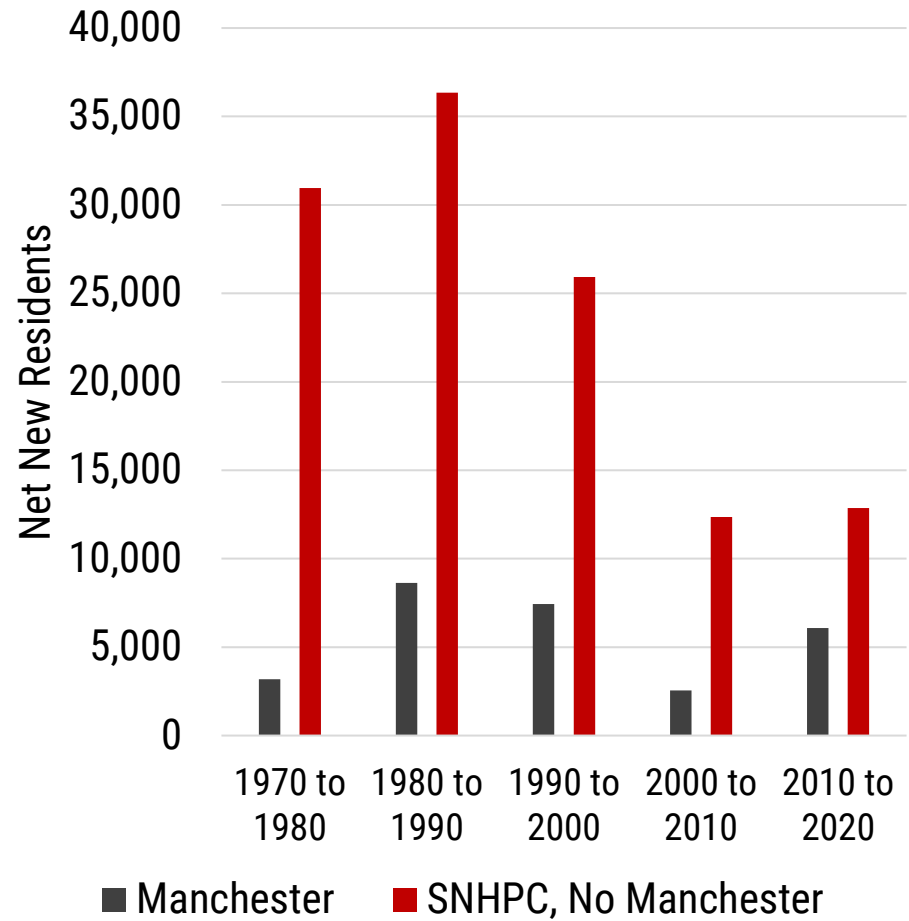
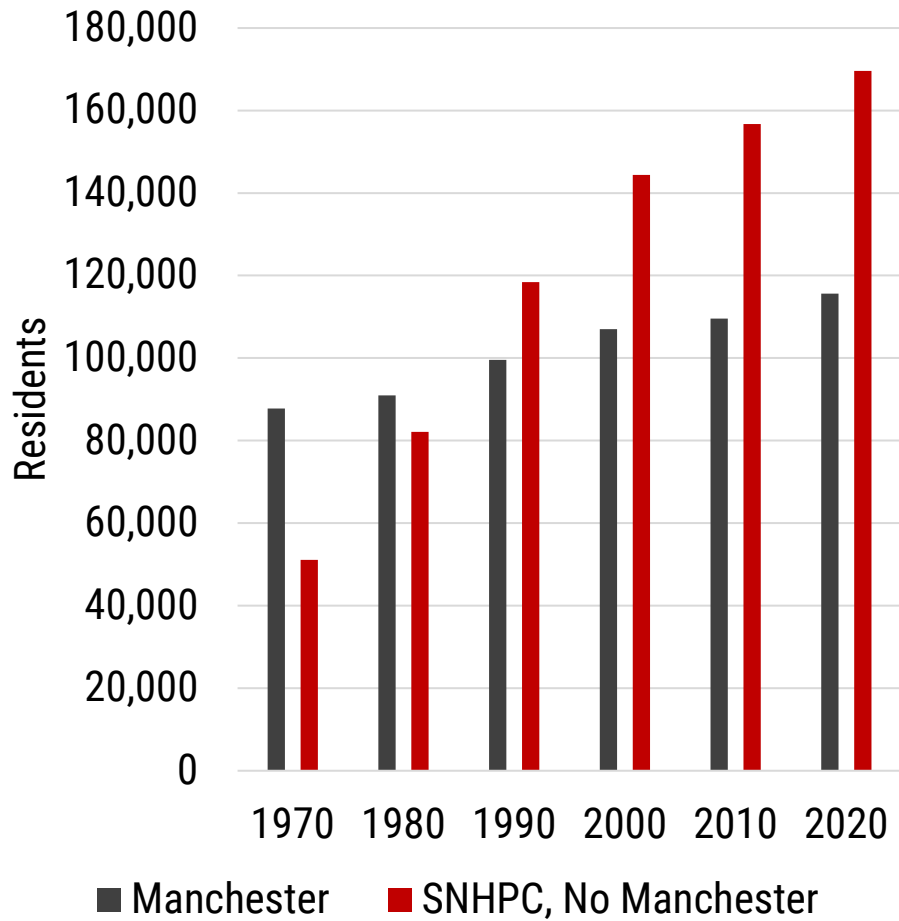
## NH County Subdivisions Population Change

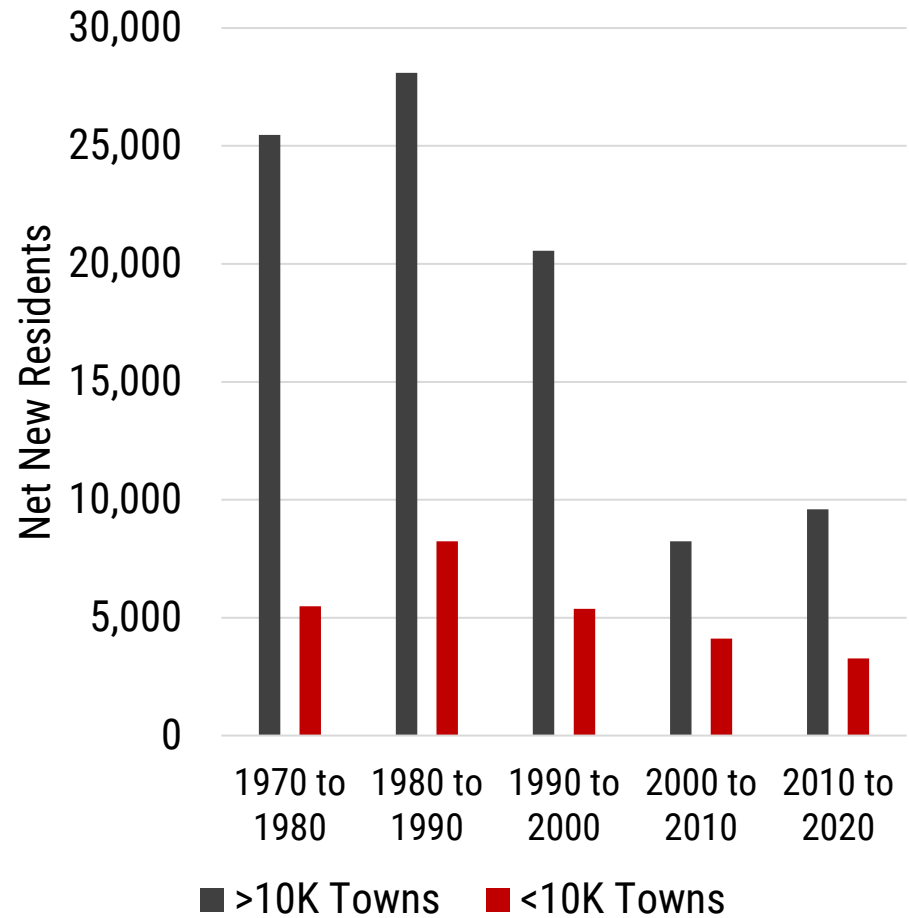
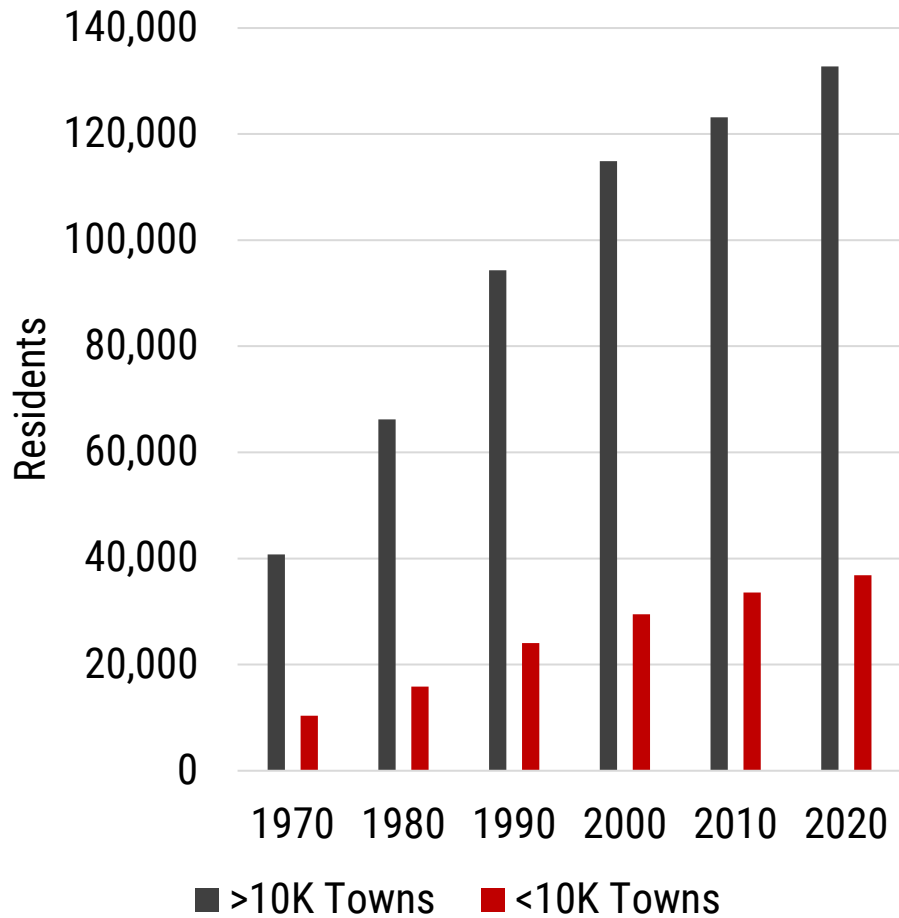
	1980 to 1990	1990 to 2000	2000 to 2010	2010 to 2020
Gain	218	219	198	172
No Change	15	14	12	12
Loss	26	26	49	75

## County Subdivisions that Saw a Loss in Population

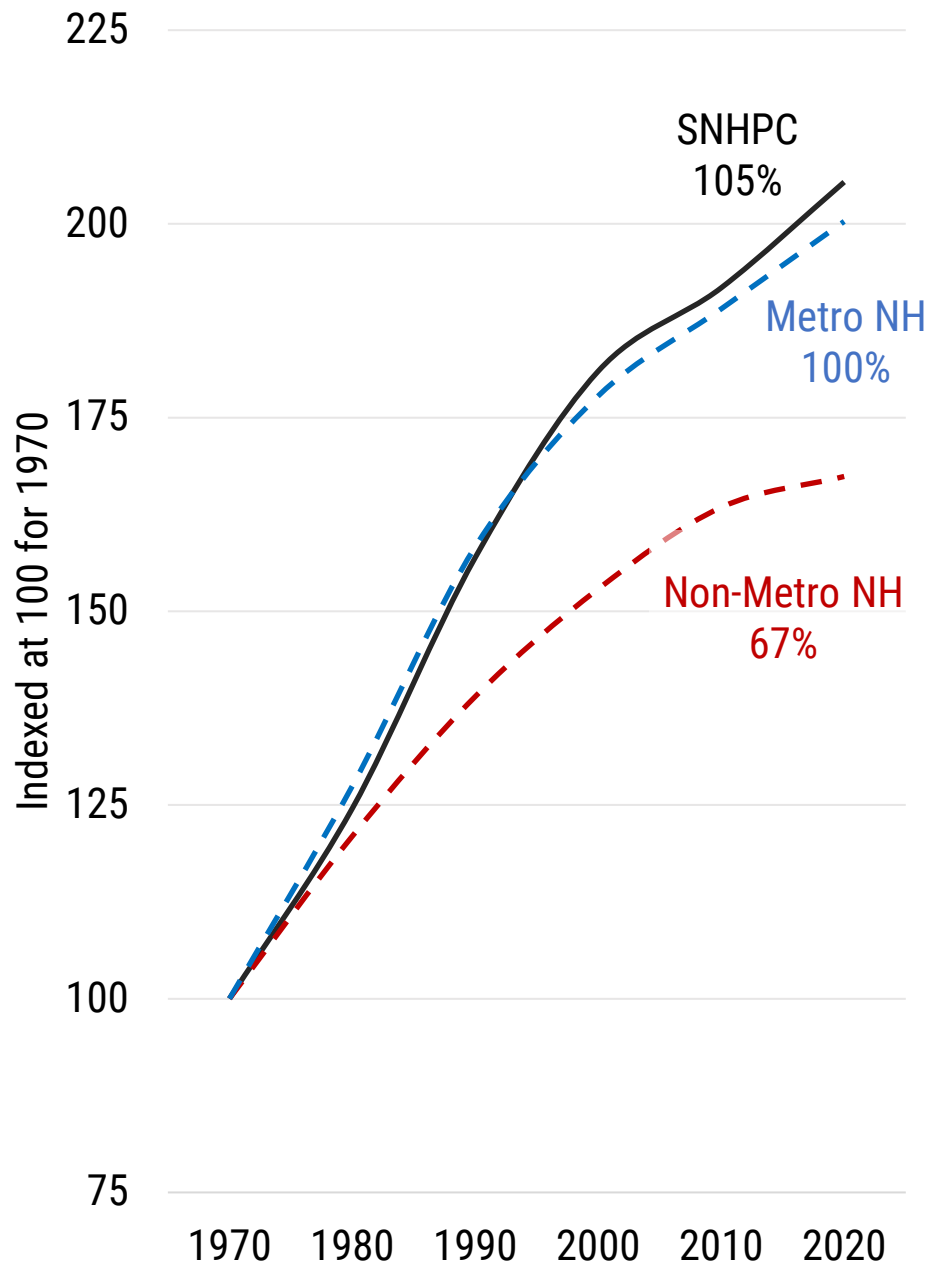
1980 to 1990	1990 to 2000	2000 to 2010	2010 to 2020
10%	10%	19%	29%



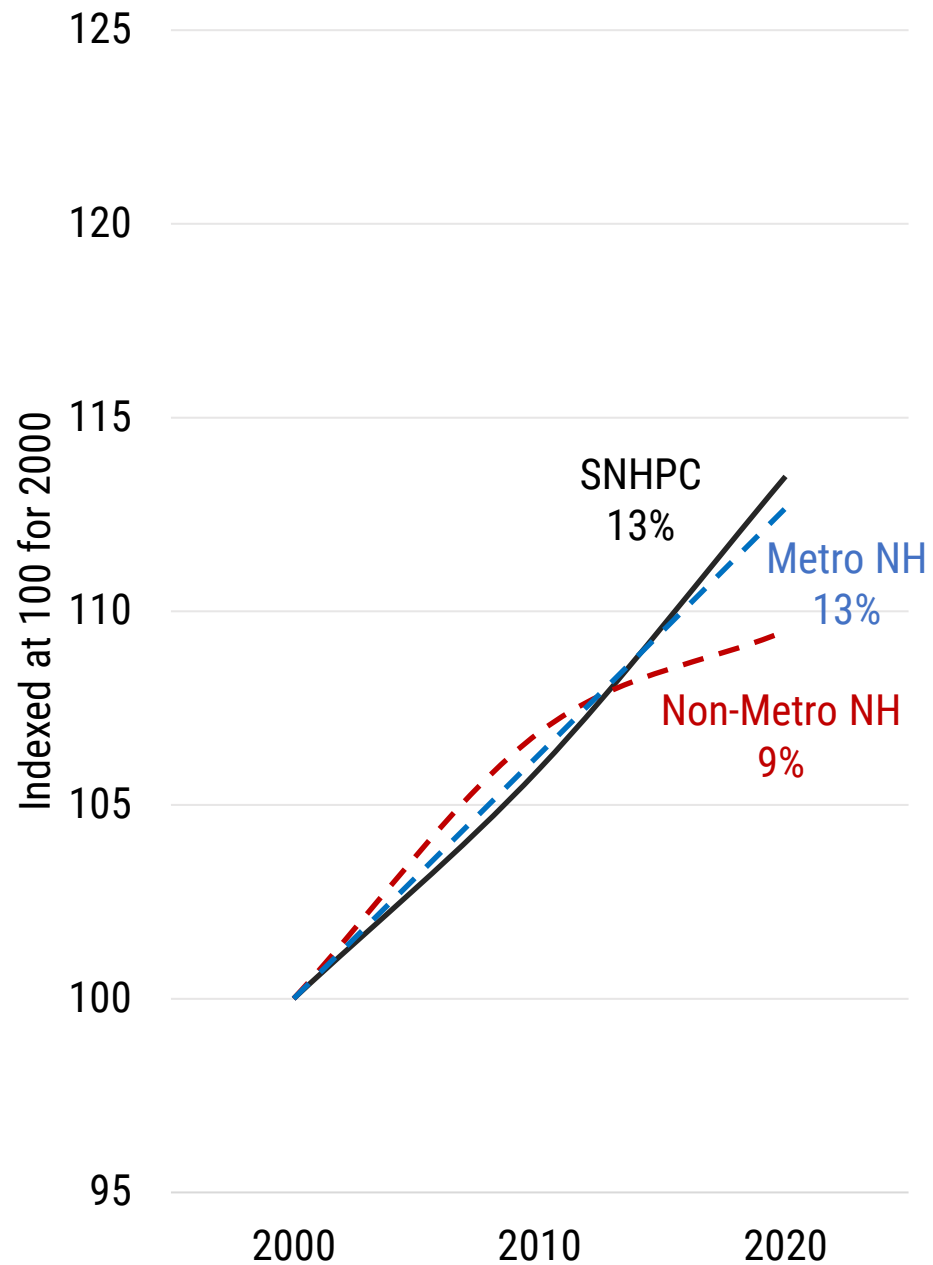




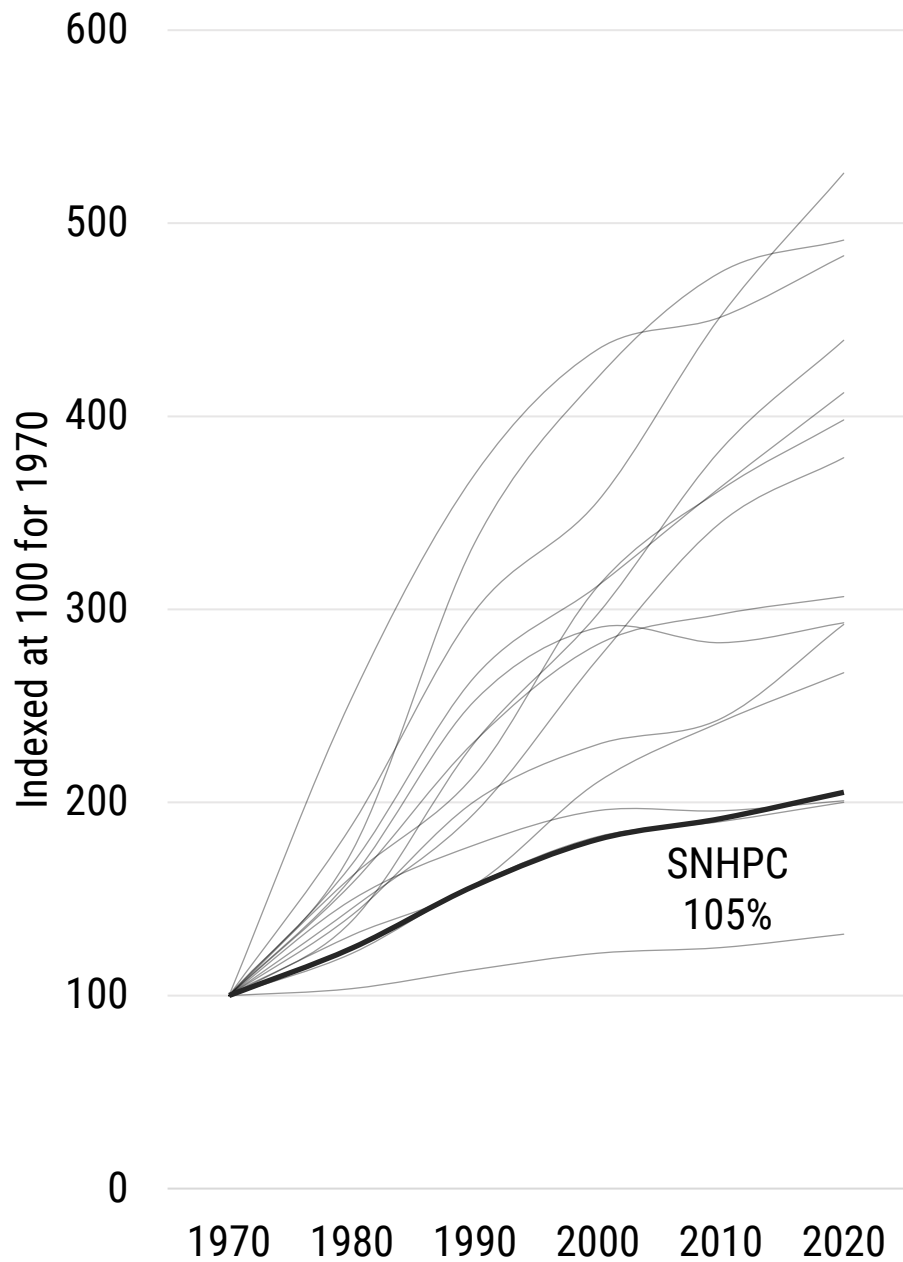
Population since 1970



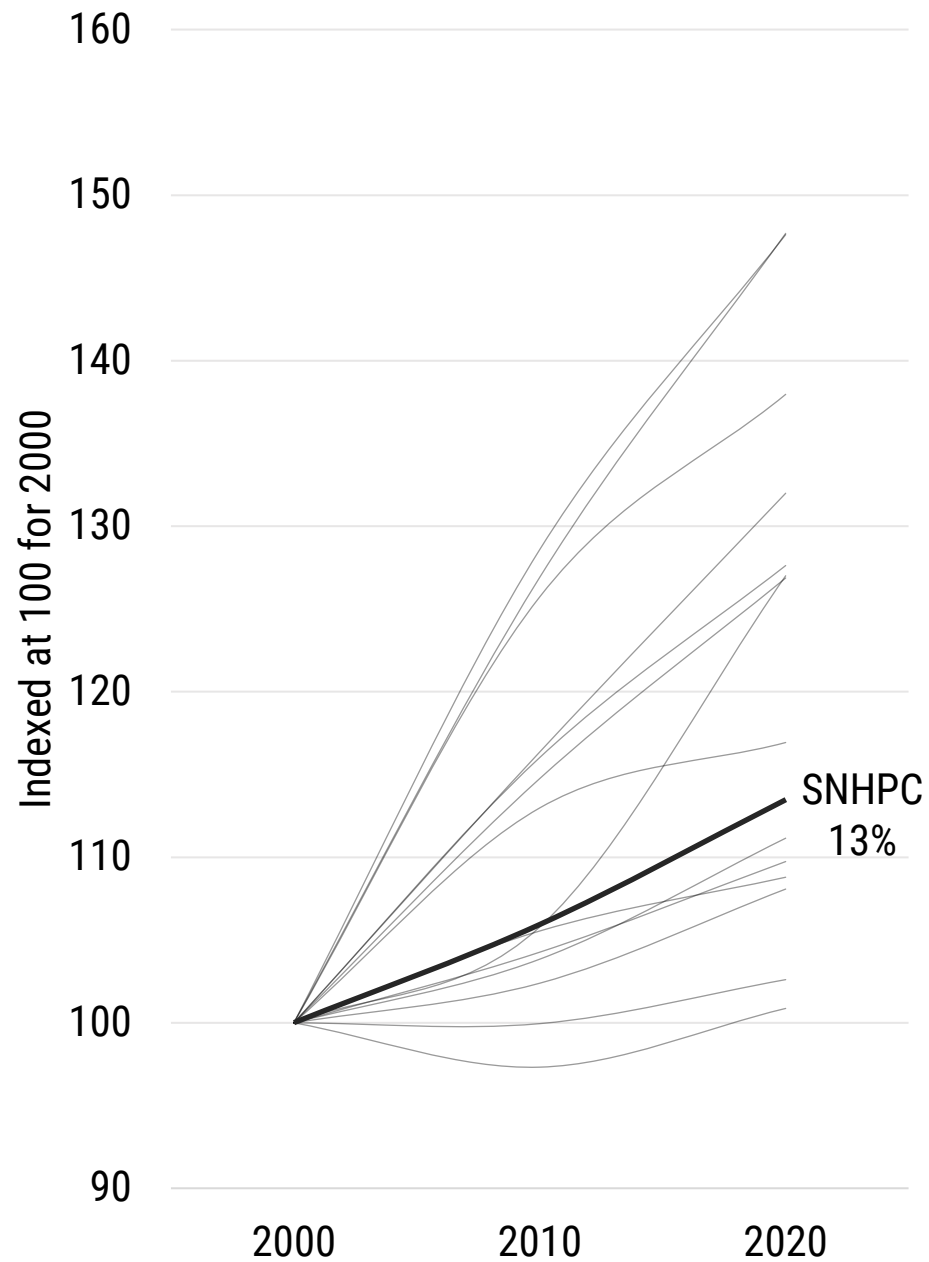
Population since 2000



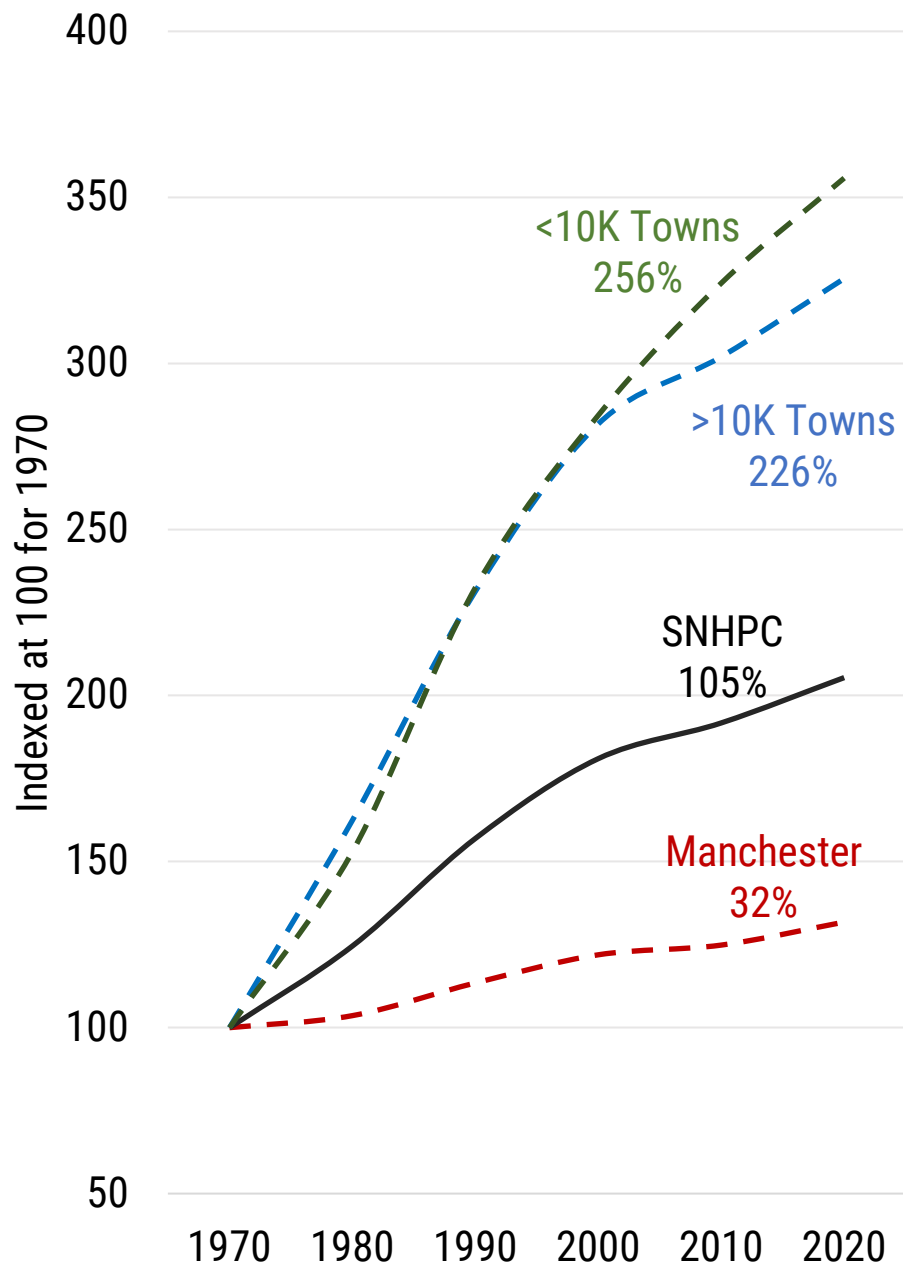
Population since 1970



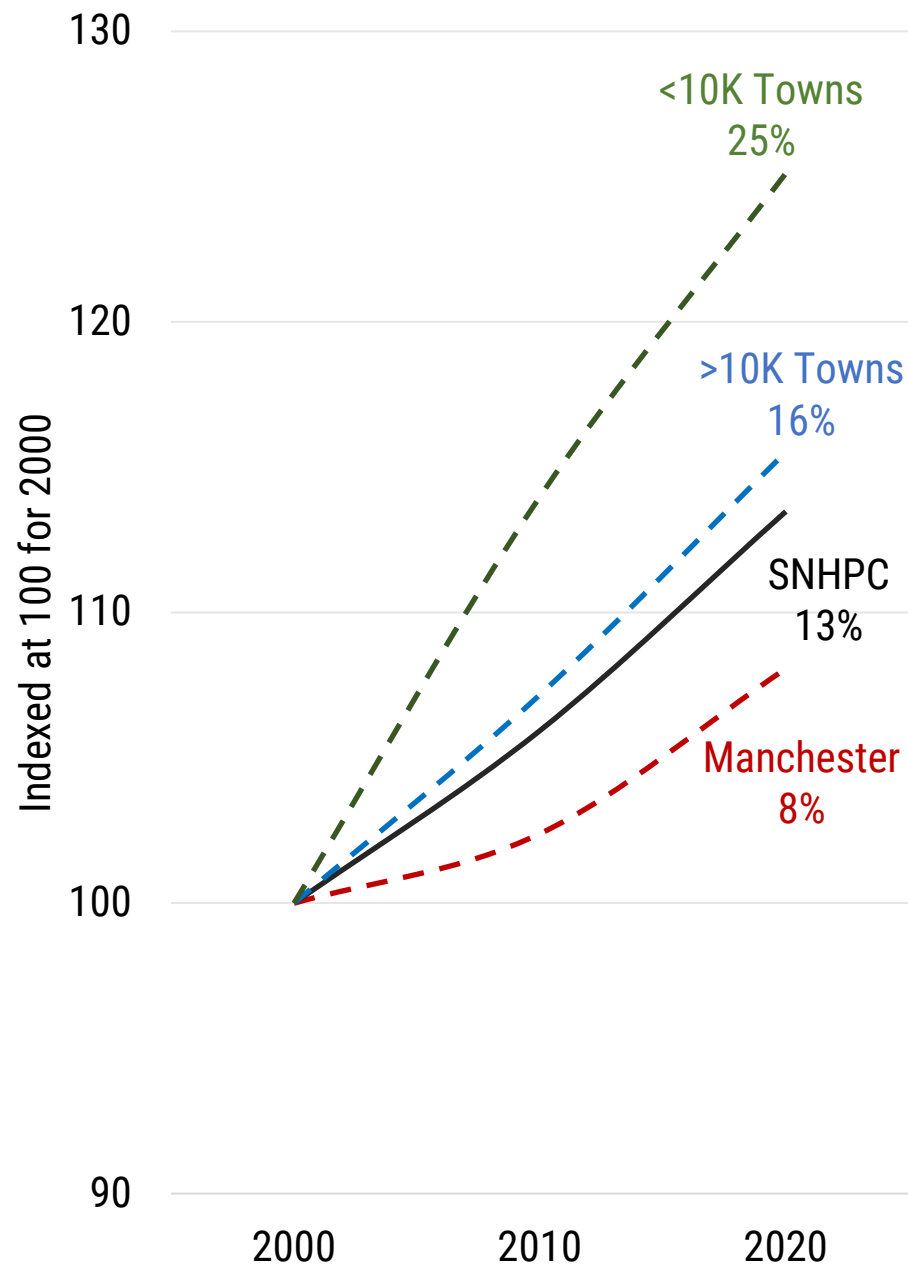
Population since 2000



Population since 1970



Population since 2000

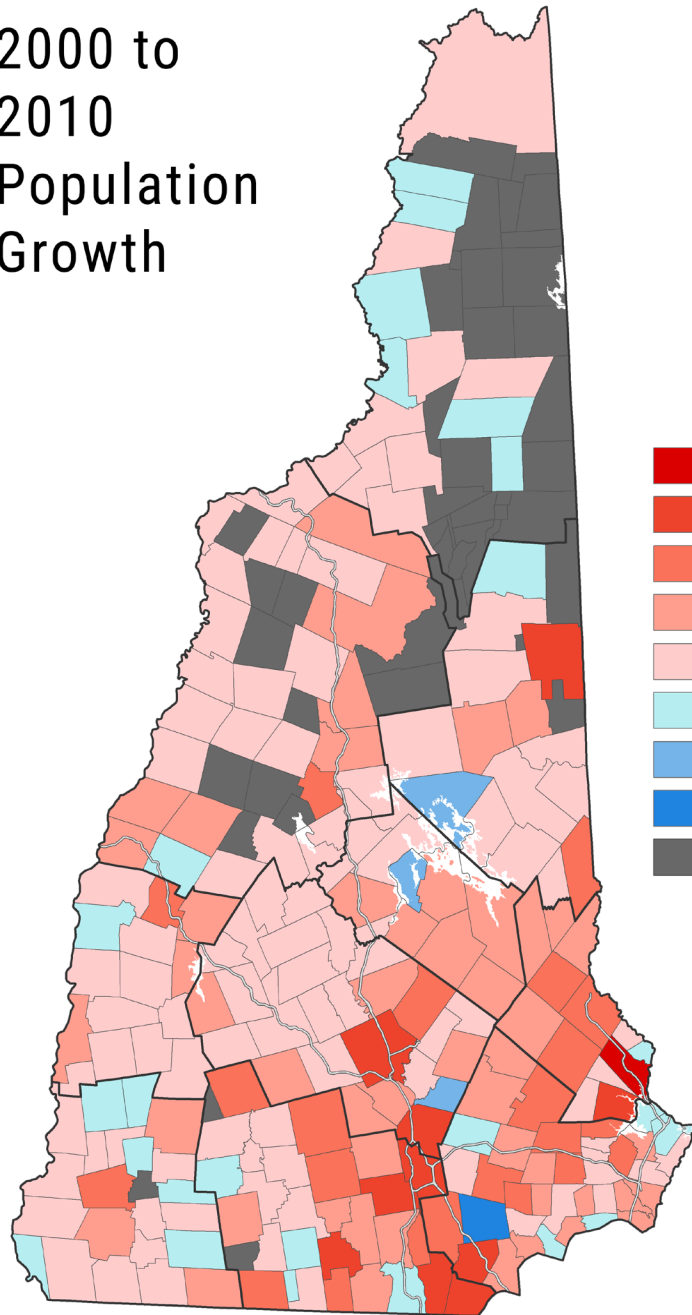


	<b>2010</b>	<b>2000 to 2010</b>		<b>2020</b>	<b>2010 to 2020</b>	
	Population	Net New Residents		Population	Net New Residents	
SNHPC	266,280	14,930	6%	285,230	18,950	7%
Manchester	109,570	2,560	2%	115,640	6,080	6%
>10K Towns	123,140	8,250	7%	132,730	9,600	8%
<10K Towns	33,580	4,120	14%	36,860	3,280	10%

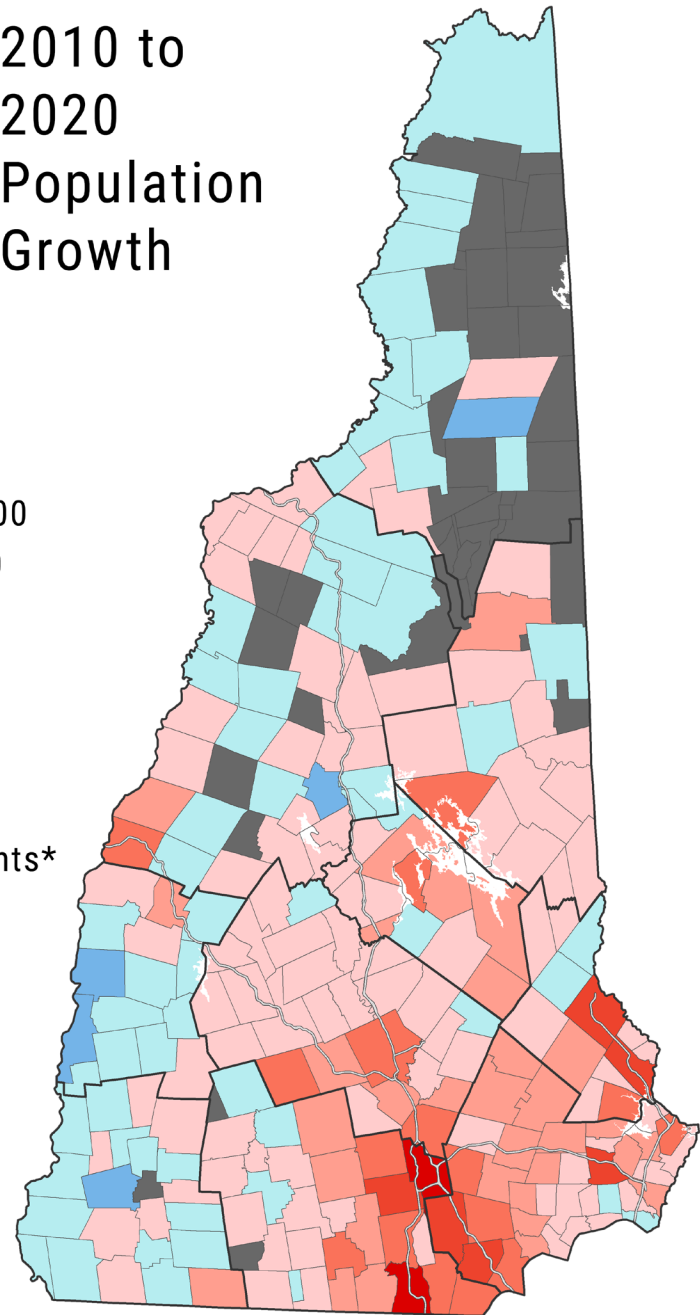
	<b>2010</b>	<b>2000 to 2010</b>		<b>2020</b>	<b>2010 to 2020</b>	
	Population	Net New Residents		Population	Net New Residents	
New Hampshire	1,316,470	80,680	7%	1,377,530	61,060	5%
Metro NH	819,090	48,650	6%	868,000	48,920	6%
Non-Metro NH	497,380	32,030	7%	509,530	12,140	2%



## 2000 to 2010 Population Growth



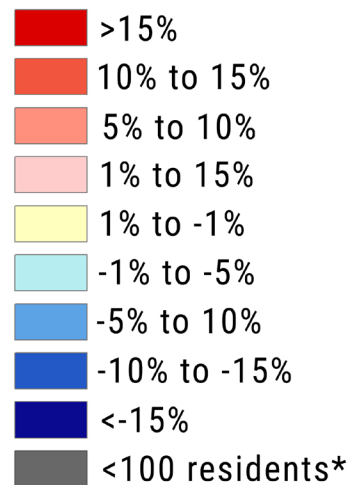
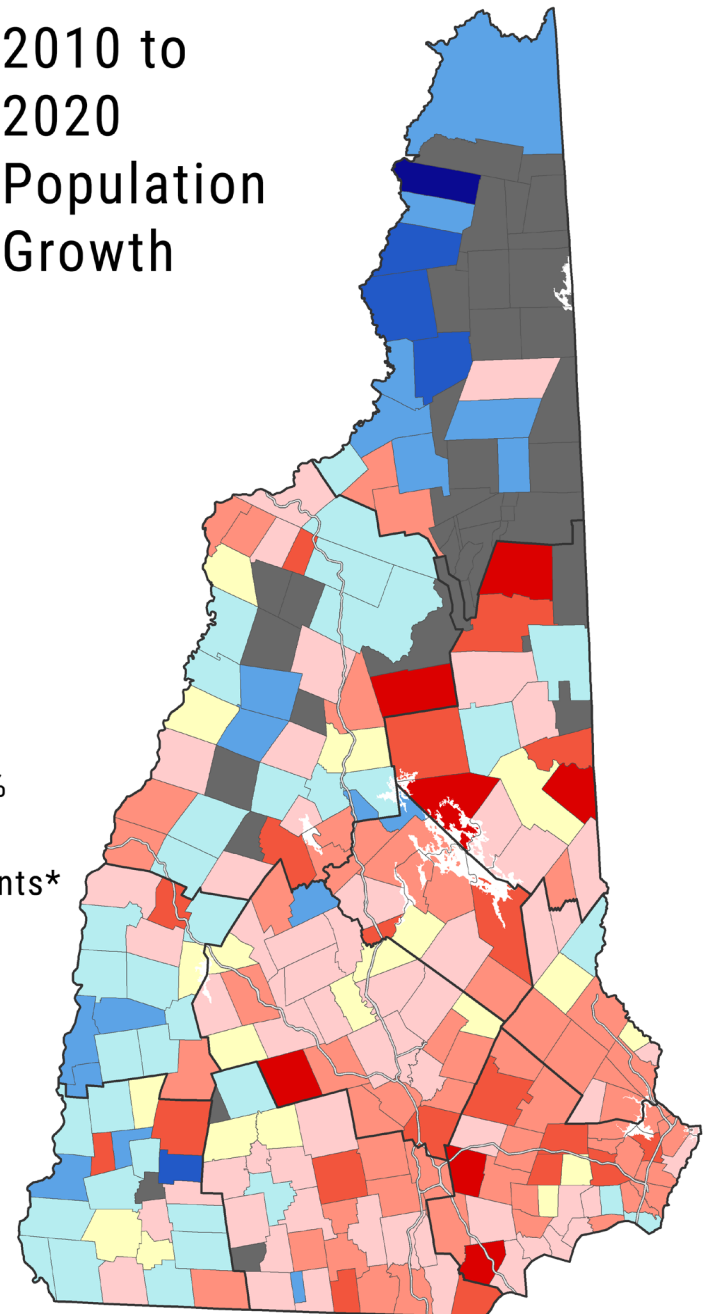
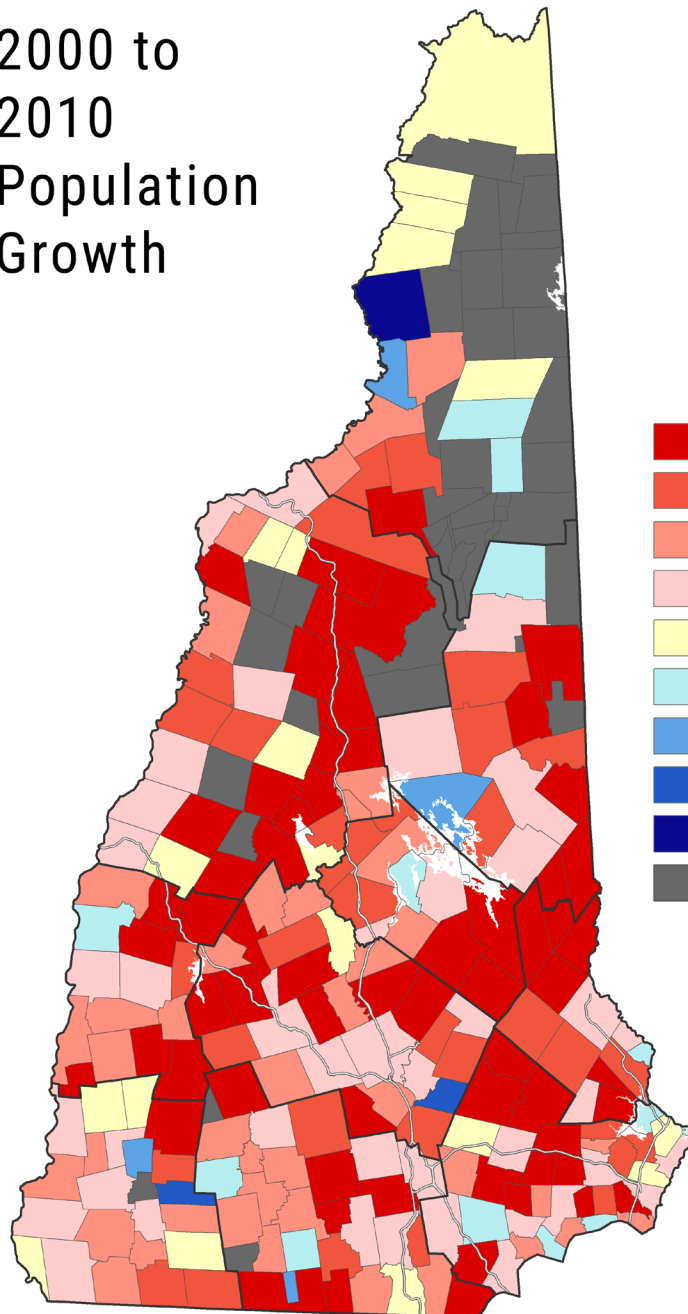
## 2010 to 2020 Population Growth



\*500 residents in the 2000 and 2010 or 2010 and 2020 censuses.

# 2000 to 2010 Population Growth

# 2010 to 2020 Population Growth



\*500 residents in the 2000 and 2010 or 2010 and 2020 censuses.

SNHPC 2020 Group Quarter Populations					
Total Group Quarter Population	Correctional Facilities	Nursing/ Skilled- Nursing Facilities	College/ University Student Housing	Military Quarters	Other Facilities
7,130	440	2,090	3,650	0	960

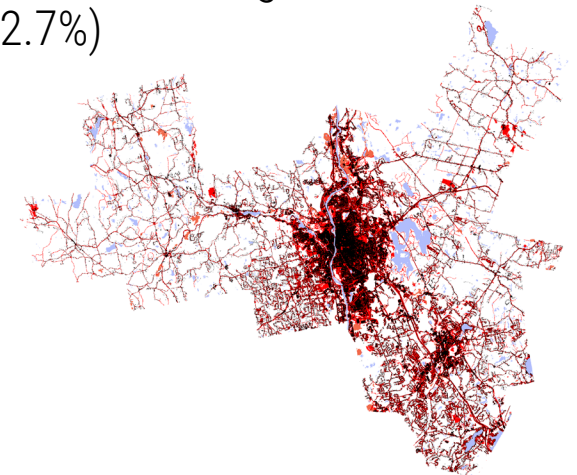
	Total Group Quarter Population
Auburn	0
Bedford	640
Candia	0
Chester	0
Deerfield	30
Derry	210
Francestown	0
Goffstown	2,200
Hooksett	650
Londonderry	10
Manchester	3,170
New Boston	40
Weare	0
Windham	180

**SNHPC 2010 to 2020 Group Quarter Populations Growth**

Total Group Quarter Population		Correctional Facilities		Nursing/ Skilled- Nursing Facilities		College/ University Student Housing		Military Quarters		Other Facilities	
Absolute Growth	Relative Growth	Absolute Growth	Relative Growth	Absolute Growth	Relative Growth	Absolute Growth	Relative Growth	Absolute Growth	Relative Growth	Absolute Growth	Relative Growth
970	16%	-580	-57%	470	29%	610	20%	0	-	480	99%

# Population: the big takeaways...

- SNHPC is growing, slower than in 20<sup>th</sup> century
- Population growth around the state varies regionally; most in southeast
- 2010-2020
  - Largest absolute change: Manchester (6,080)
  - Largest relative change: Auburn (20%)
  - Smallest absolute change: Frankestown (50)
  - Smallest relative change: Candia (2.7%)



Population Less than 18  
Years Old

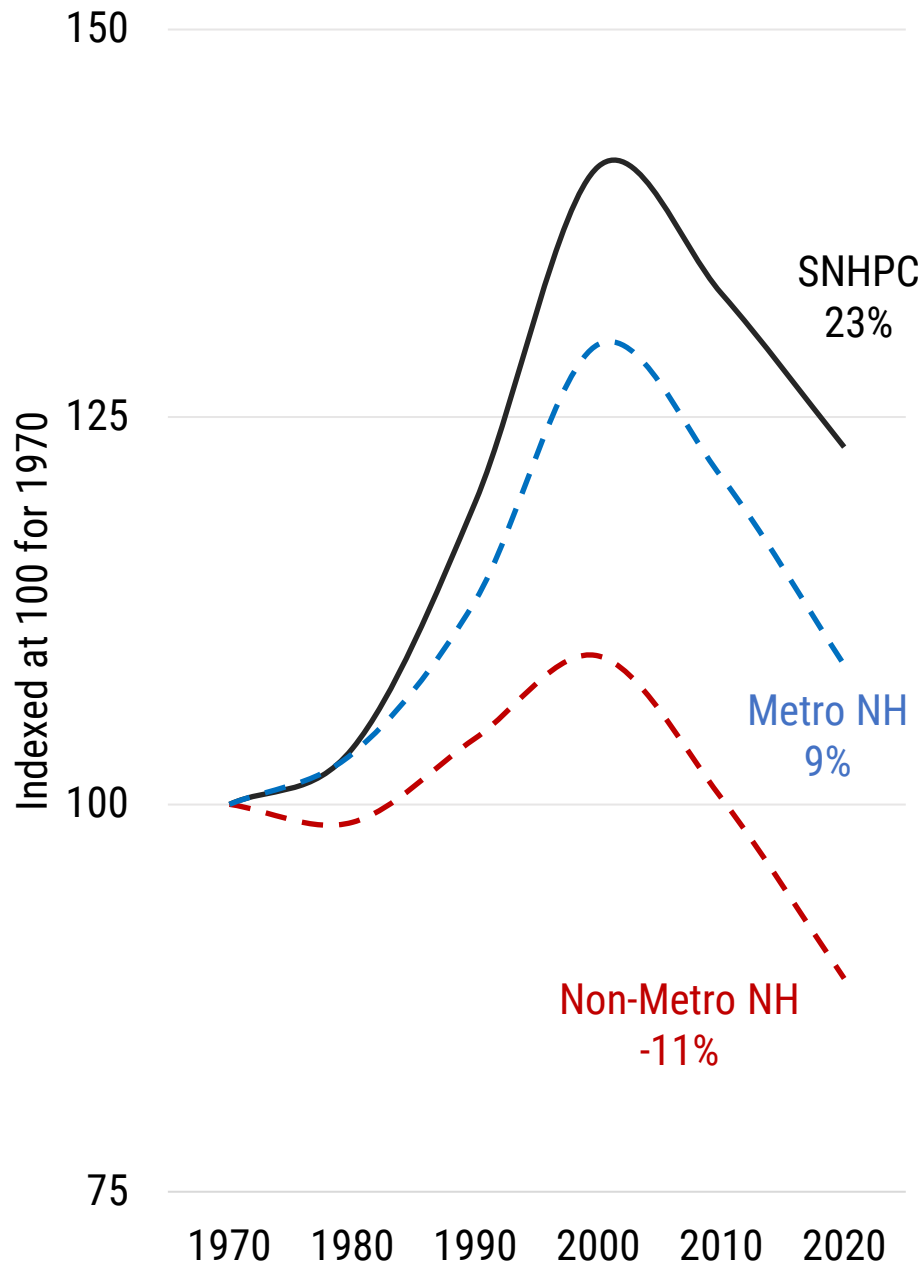
	1970		2020	
	Minors	% of Total Population	Minors	% of Total Population
New Hampshire	254,190	34%	256,850	19%
Metro NH	154,310	36%	168,200	19%
Non-Metro NH	99,880	33%	88,650	17%

Population Less than 18 Years Old 1970 to 2020		
	Absolute Change	Change as a % of Total Population
New Hampshire	2,660	-16%
Metro NH	13,890	-16%
Non-Metro NH	-11,230	-15%

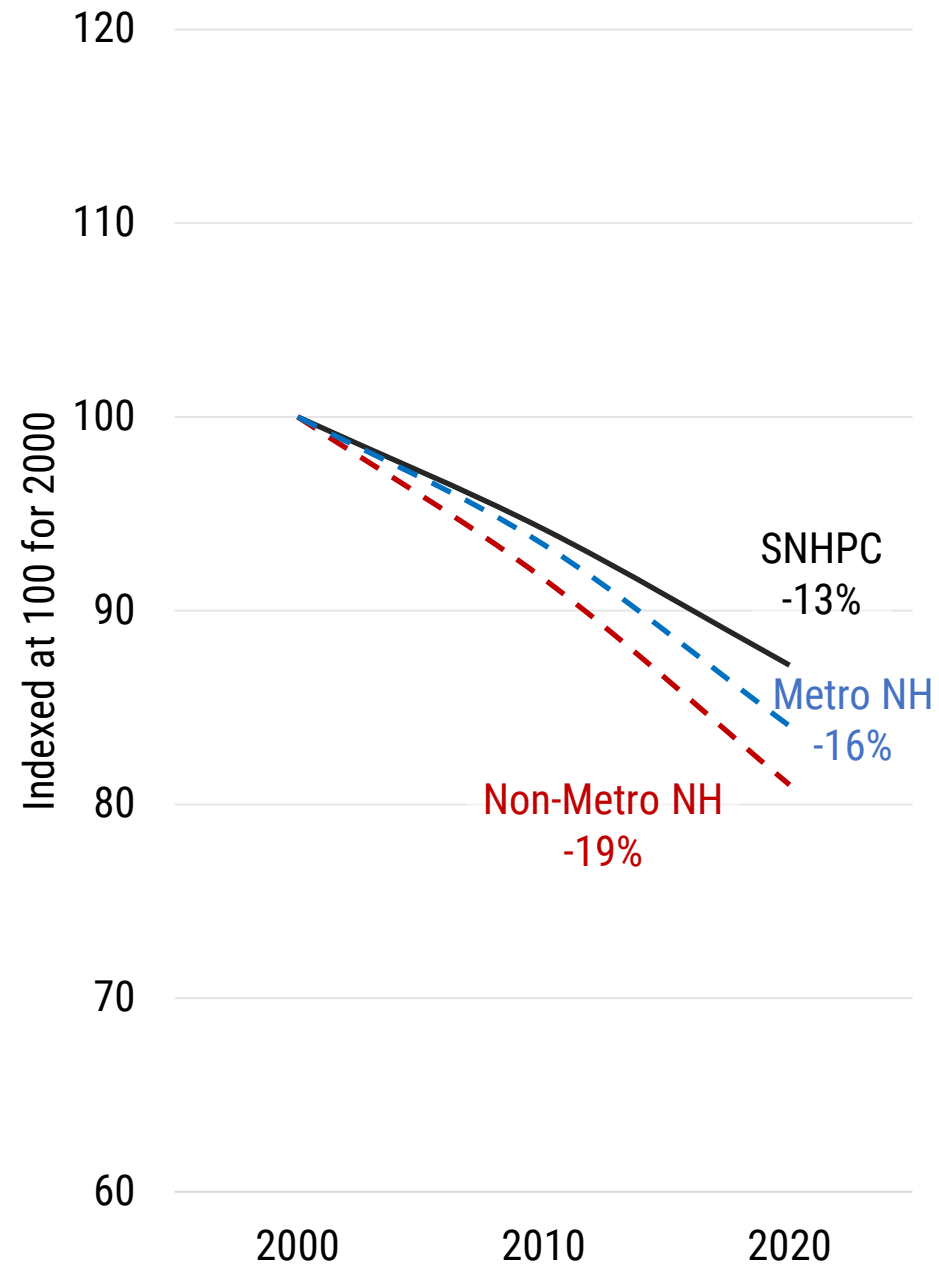
	1970		2020	
	Minors	% of Total Population	Minors	% of Total Population
SNHPC	47,550	34%	58,510	21%
Manchester	28,460	32%	21,650	19%
>10K Towns	15,090	37%	28,860	22%
<10K Towns	4,010	39%	8,000	22%

Population Less than 18 Years Old 1970 to 2020		
	Absolute Change	Change as a % of Total Population
SNHPC	10,960	-14%
Manchester	-6,810	-14%
>10K Towns	13,770	-15%
<10K Towns	3,990	-17%

Minor Population since 1970

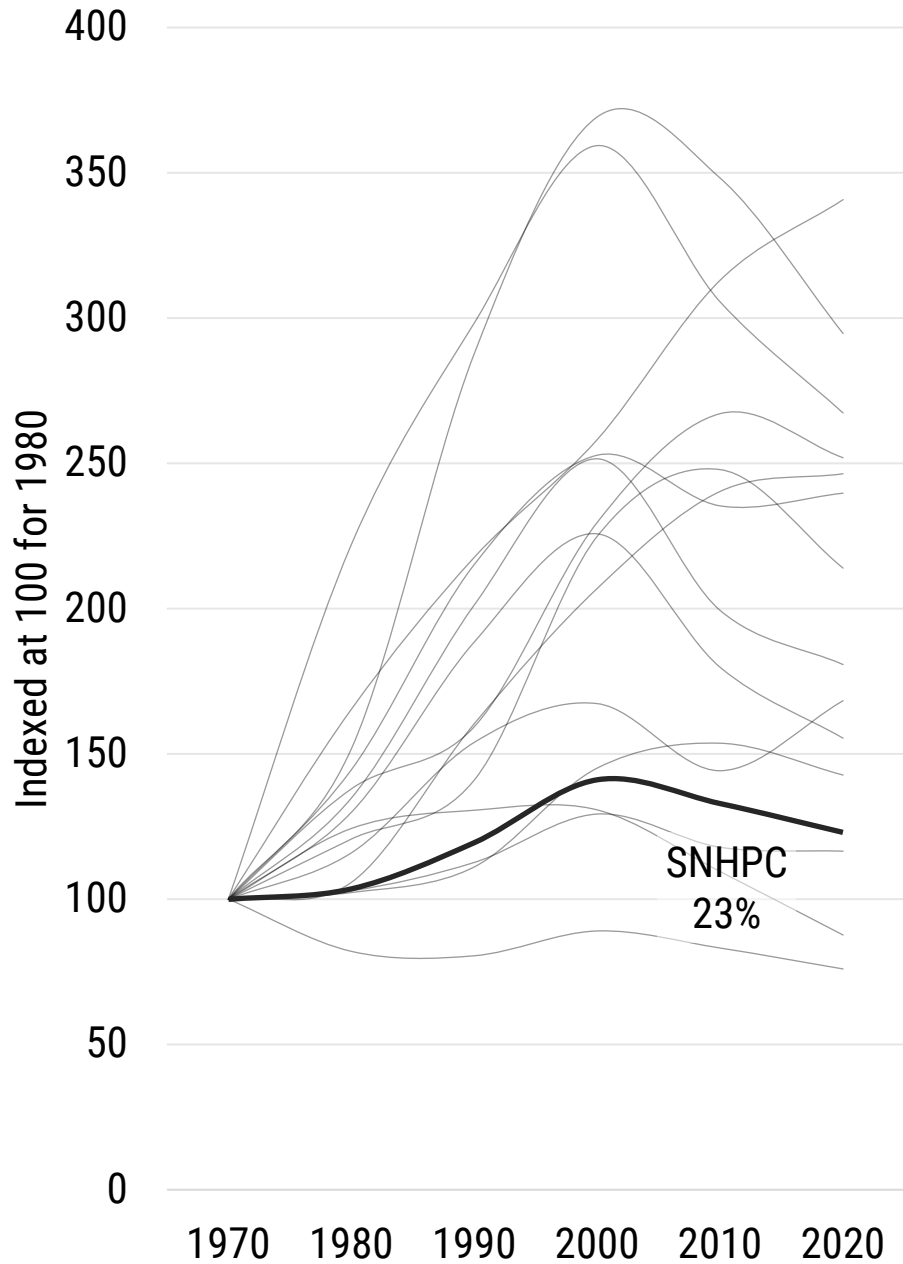


Minor Population since 2000

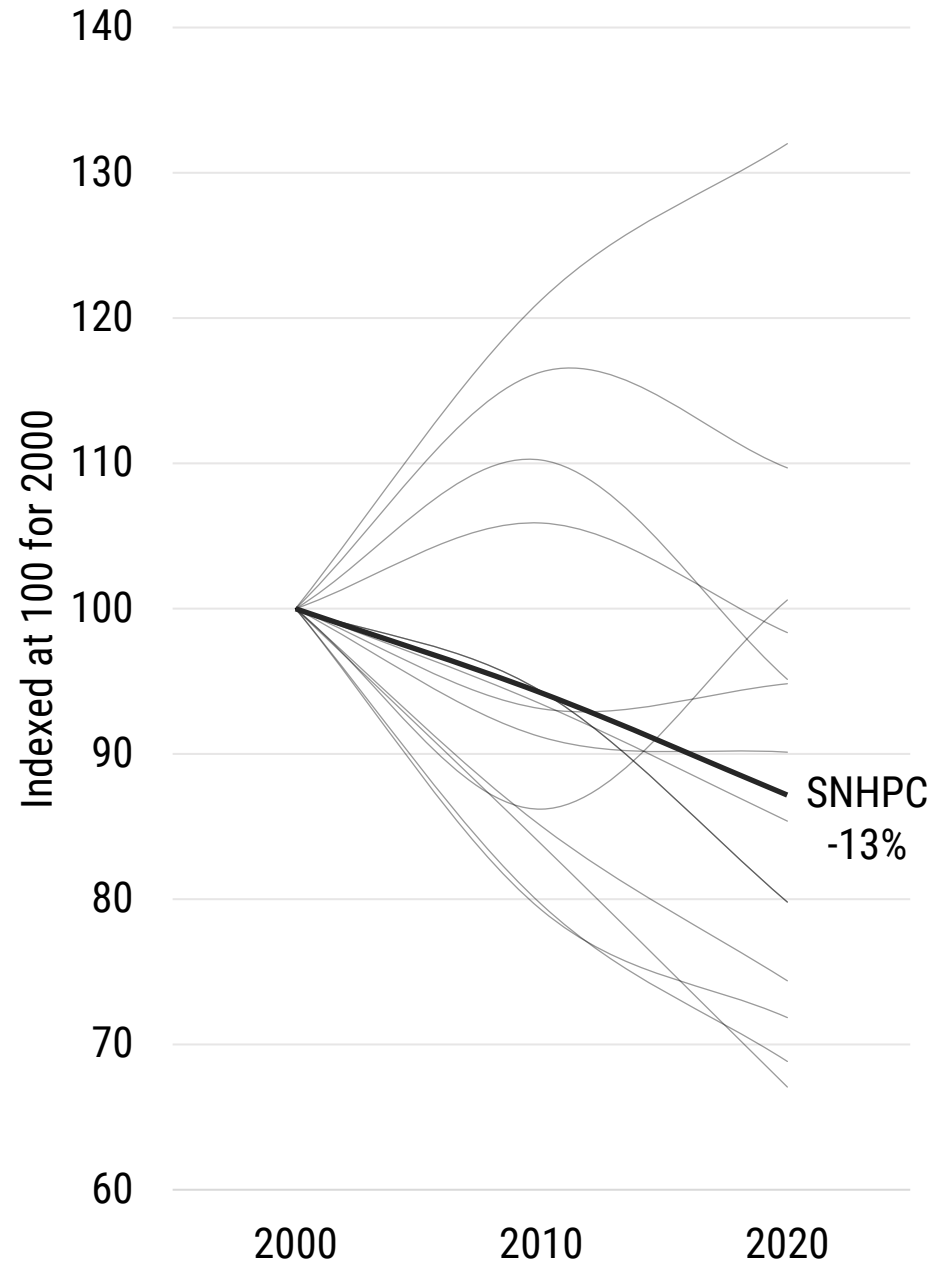




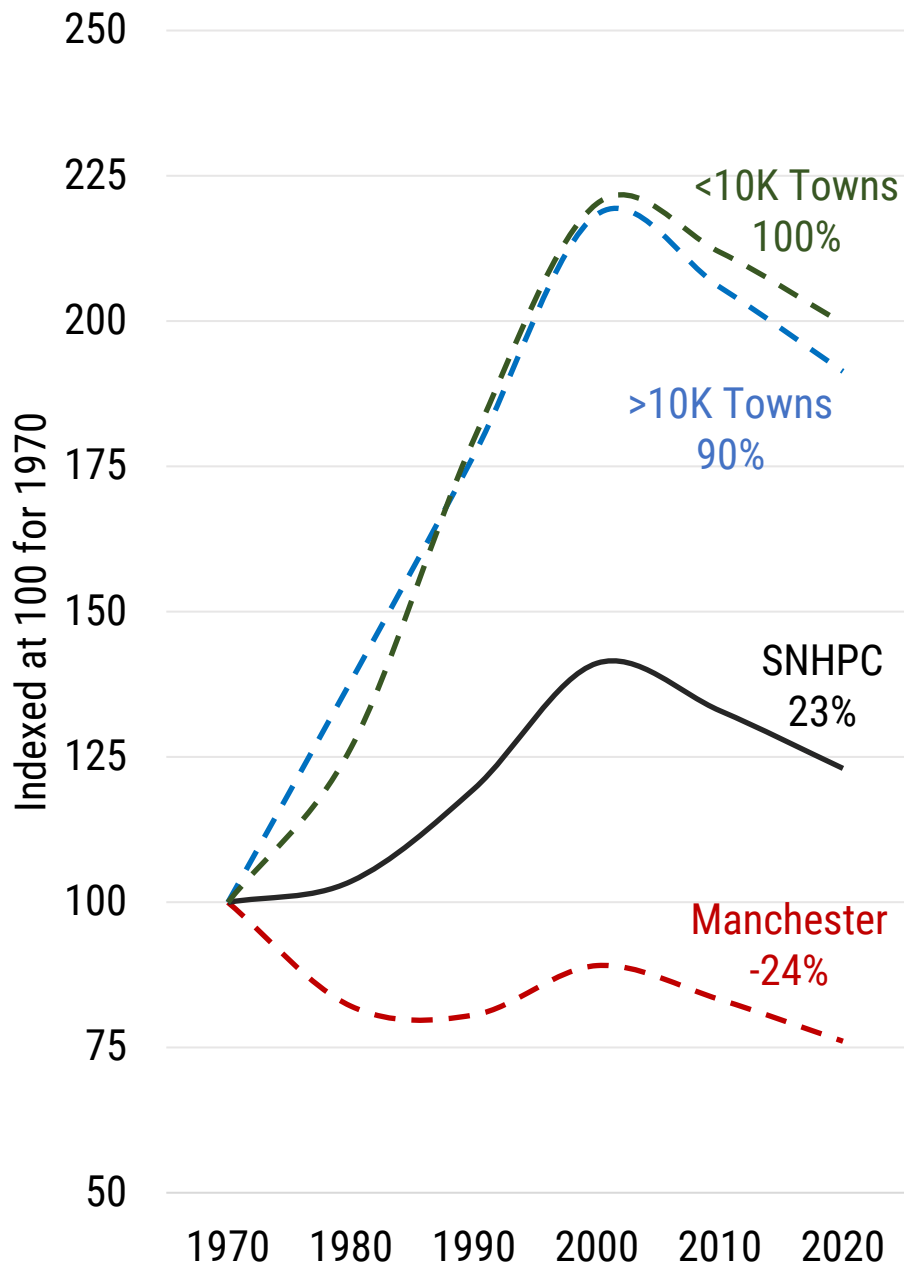
Minor Population since 1970



Minor Population since 2000



# Minor Population since 1970



# Minor Population since 2000

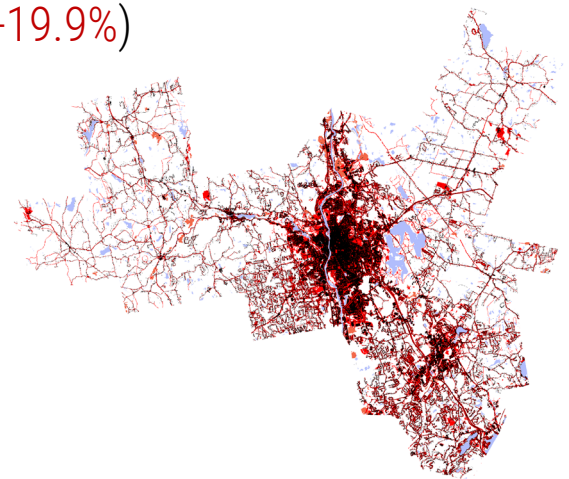


	Minors per Occupied Housing Unit		
	1980	2000	2020
New Hampshire	0.80	0.65	0.46
Metro NH	0.83	0.69	0.49
Non-Metro NH	0.74	0.60	0.42

	Minors per Occupied Housing Unit		
	1980	2000	2020
SNHPC	0.81	0.72	0.53
Manchester	0.68	0.57	0.44
>10K Towns	0.98	0.83	0.60
<10K Towns	0.99	0.88	0.60

# Minors: the big takeaways...

- The number of minors in the region is falling, slower than state
- 12 out of 14 municipalities saw their minor population decrease
- Minors per household have fallen by 35% since 1980
- 2010-2020
  - Largest absolute change: Windham (340)
  - Largest relative change: Auburn (16.7%)
  - Smallest absolute change: Manchester (-2,040)
  - Smallest relative change: Candia (-19.9%)



# Race & Ethnicity

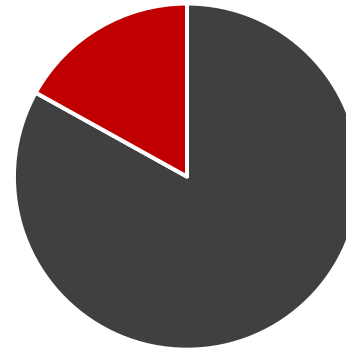
New Hampshire is now the 4<sup>th</sup> least diverse state in the United States (previously the 3<sup>rd</sup>)

*The United States is 1.6 times as diverse as Manchester*

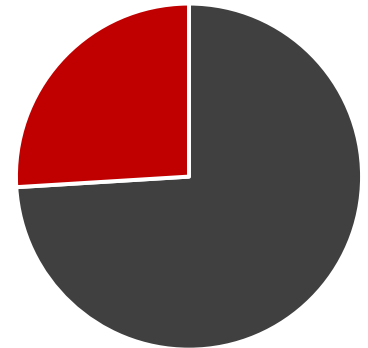
	Residents are a racial or ethnic minority
SNHPC	1 in 6
Manchester	1 in 4
>10K Towns	1 in 9
<10K Towns	1 in 14
New Hampshire	1 in 8
United States	2 in 5

White alone, not Hispanic or Latino  
**Racial or ethnic minority**

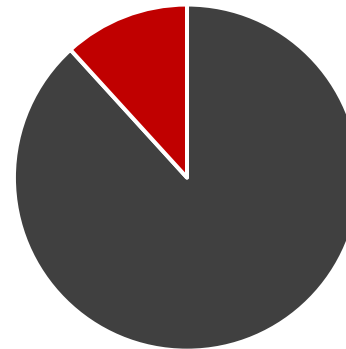
SNHPC



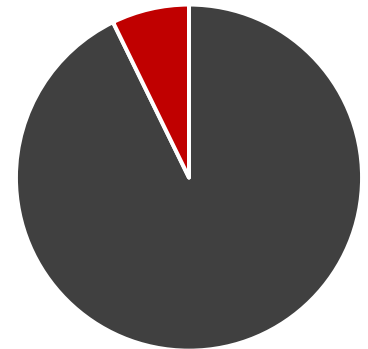
Manchester



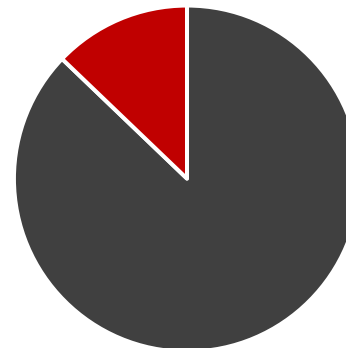
>10K Towns



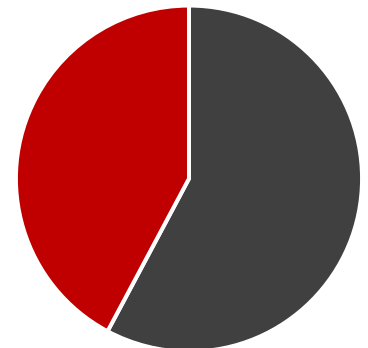
<10K Towns



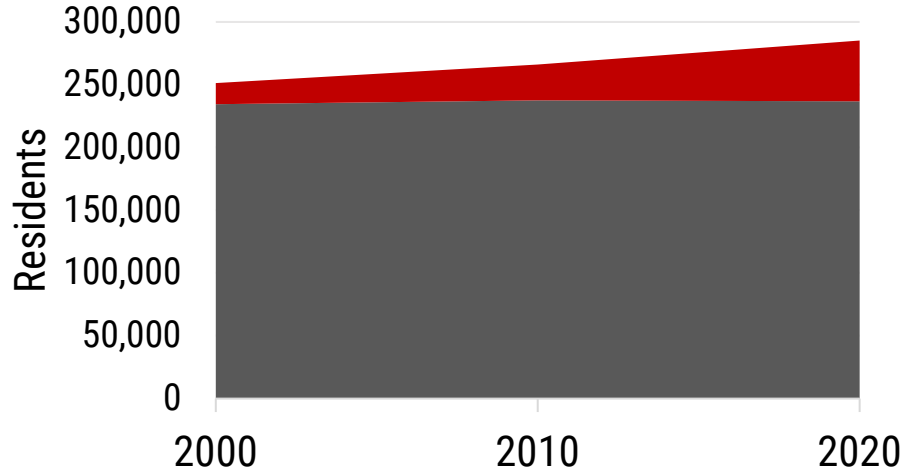
New Hampshire



United States

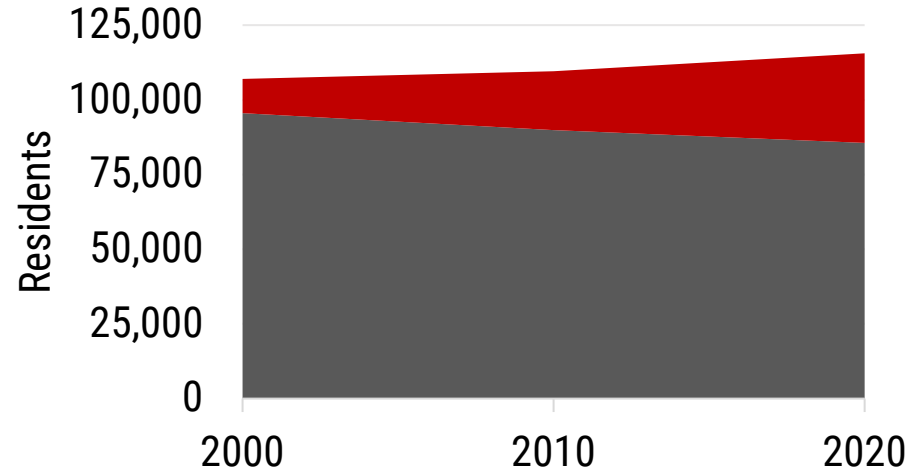


SNHPC (pop. 251,350 to 285,230)

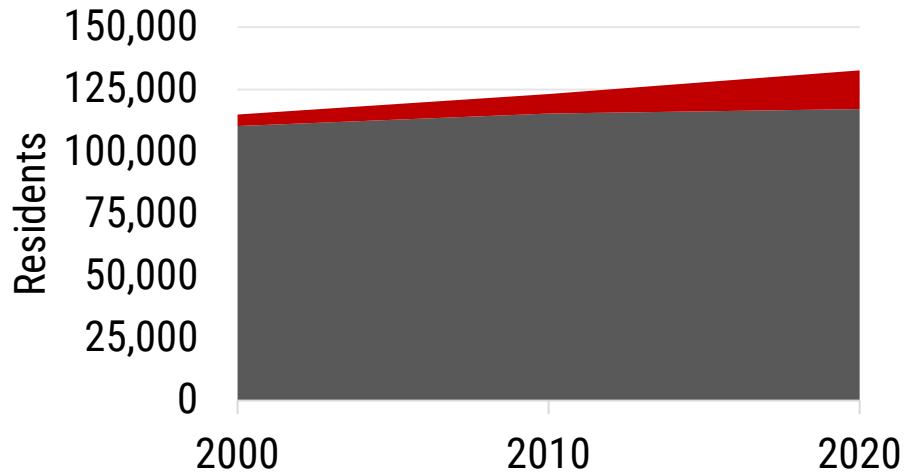


■ White Alone, not Hispanic or Latino ■ Minority

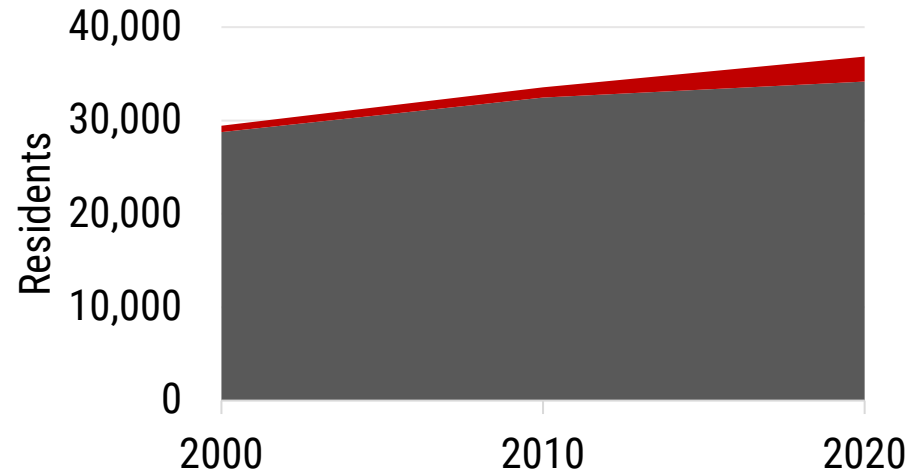
Manchester (pop. 107,010 to 115,640)



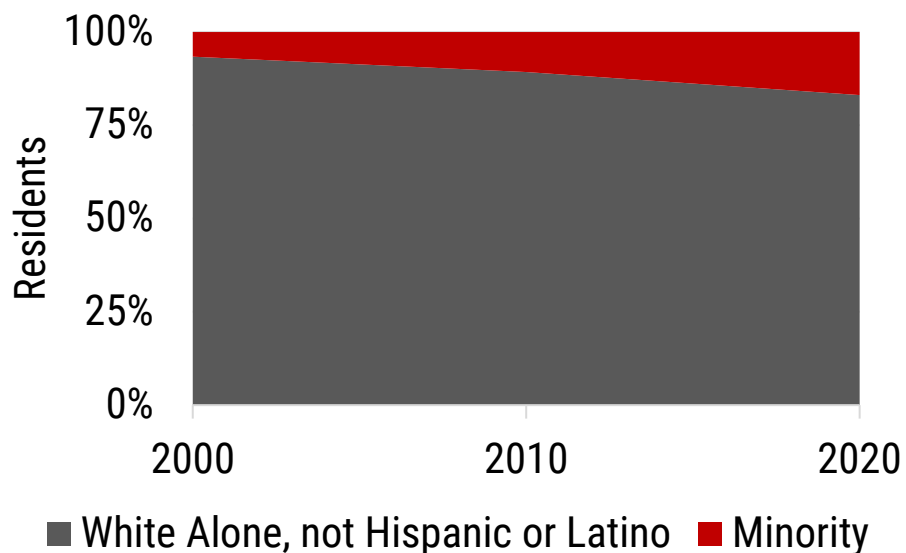
>10K Towns (pop. 114,890 to 132,730)



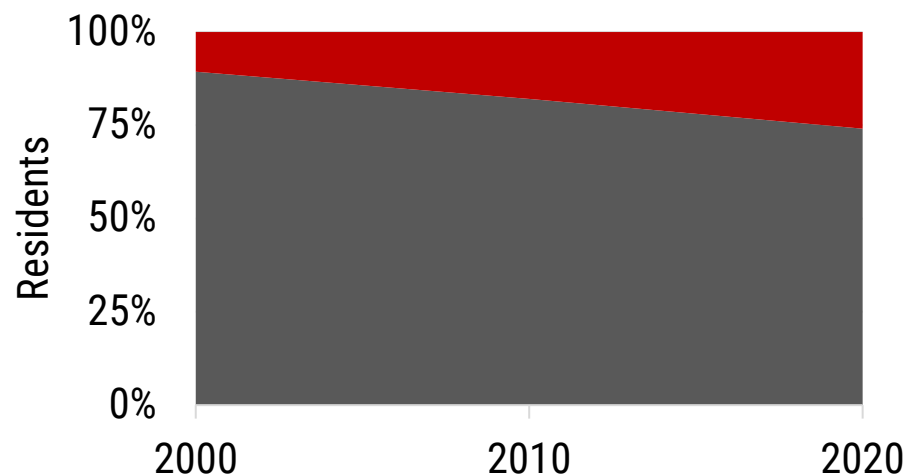
<10K Towns (pop. 29,460 to 36,860)



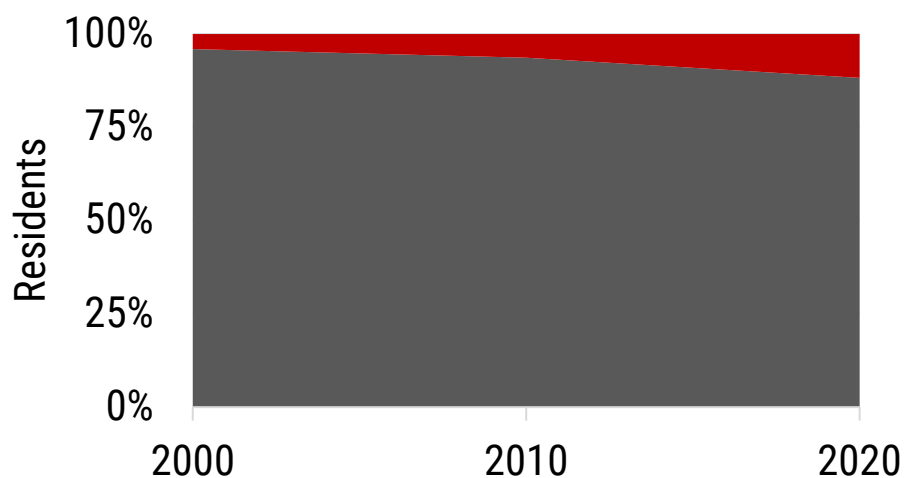
### SNHPC



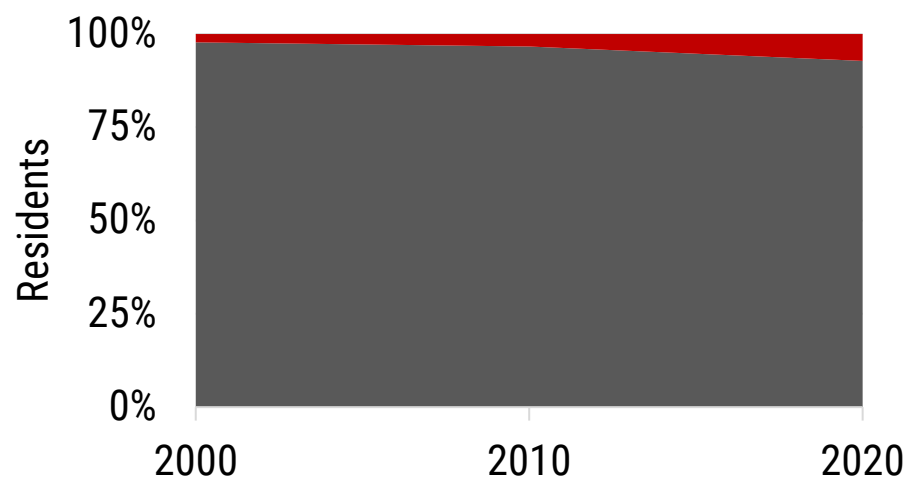
### Manchester



### >10K Towns

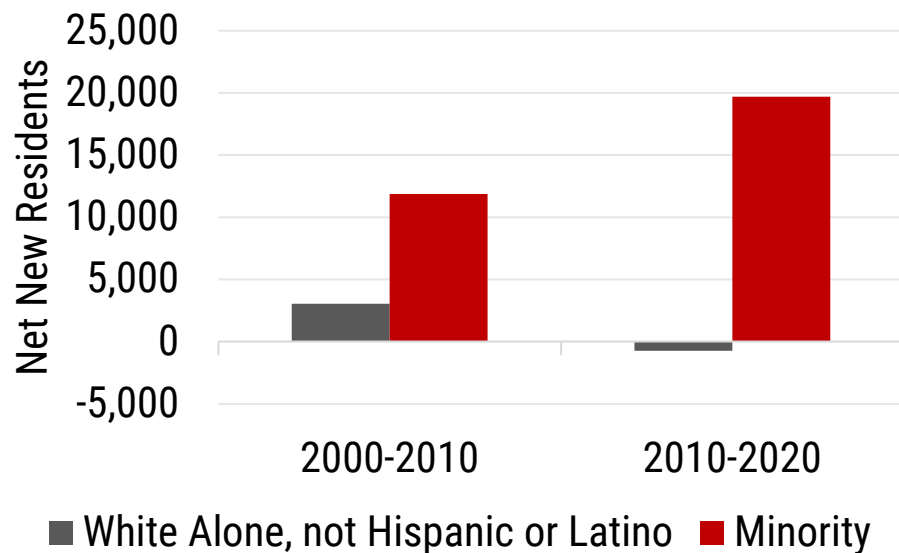


### <10K Towns

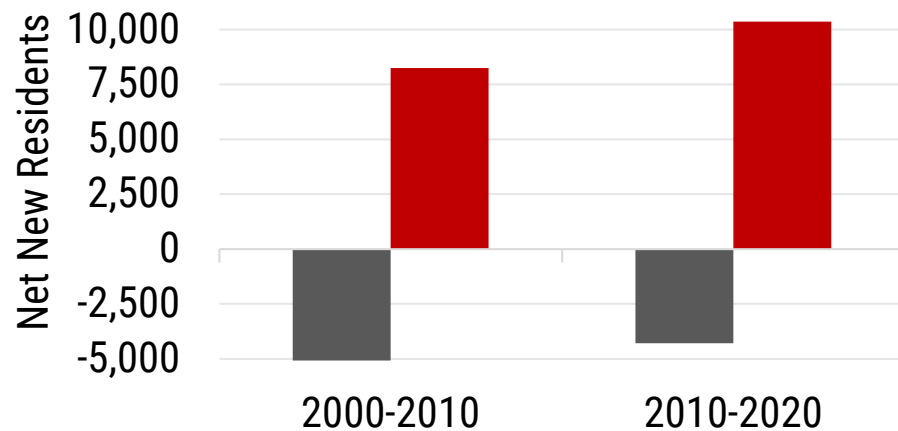




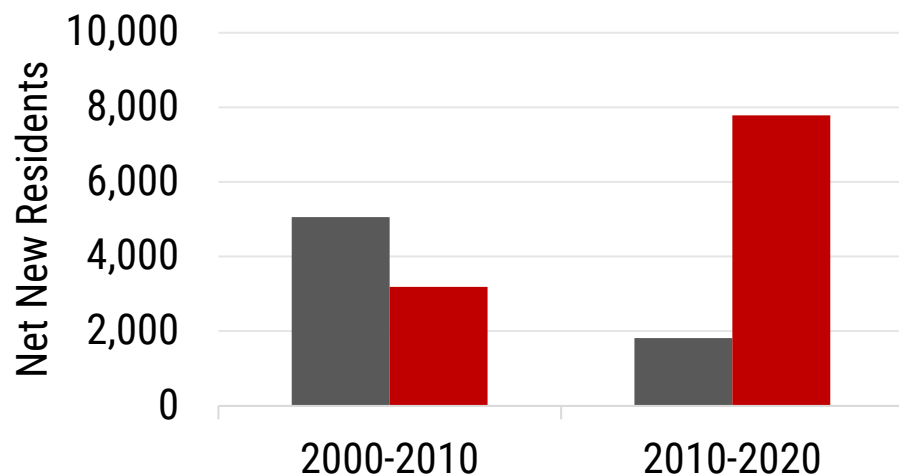
### SNHPC (absolute change)



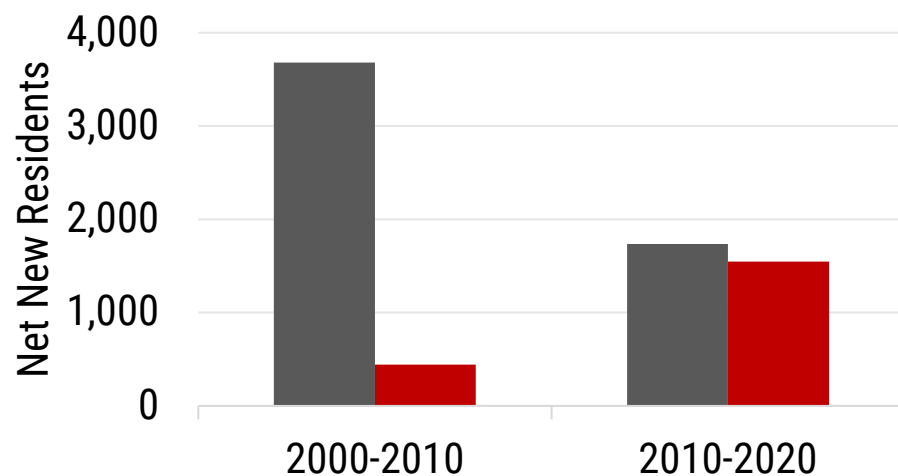
### Manchester (absolute change)



### >10K Towns (absolute change)



### <10K Towns (absolute change)

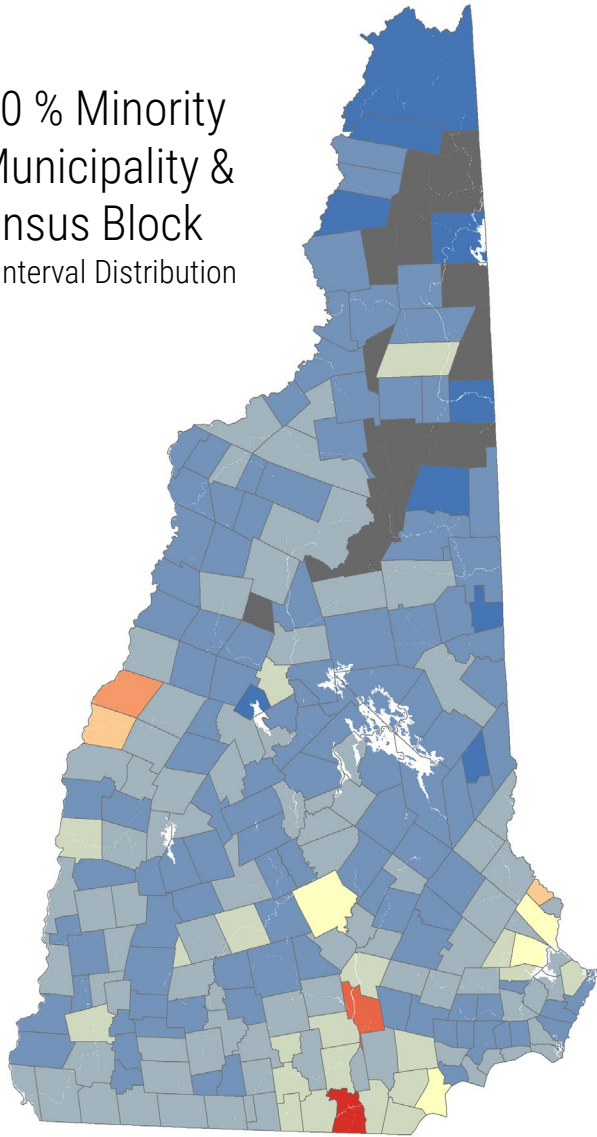


	White		Hispanic or Latino		Black		Asian		American Indian, Alaska Native, or Pacific Islander		Other Race		Two or More Races	
	2000		2000		2000		2000		2000		2000		2000	
	2020	to	2020	to	2020	to	2020	to	2020	to	2020	to	2020	2000 to
	Total	2020	Total	2020	Total	2020	Total	2020	Total	2020	Total	2020	Total	2020
SNHPC	234,600	1%	19,350	187%	7,280	166%	8,810	129%	500	-19%	250	397%	11,170	333%
Manchester	95,580	-10%	13,660	176%	5,920	189%	4,800	94%	260	-19%	150	276%	4,870	224%
>10K Towns	110,250	6%	4,940	212%	1,240	100%	3,760	198%	190	-16%	80	575%	4,970	467%
<10K Towns	28,780	19%	750	261%	120	69%	250	134%	50	-29%	30	564%	1,330	560%

	2020 Total Population	% Minority
SNHPC	285,230	17%
Manchester	115,640	26%
>10K Towns	132,730	12%
<10K Towns	36,860	7%
New Hampshire	3,259,366	13%
United States	331,449,280	42%

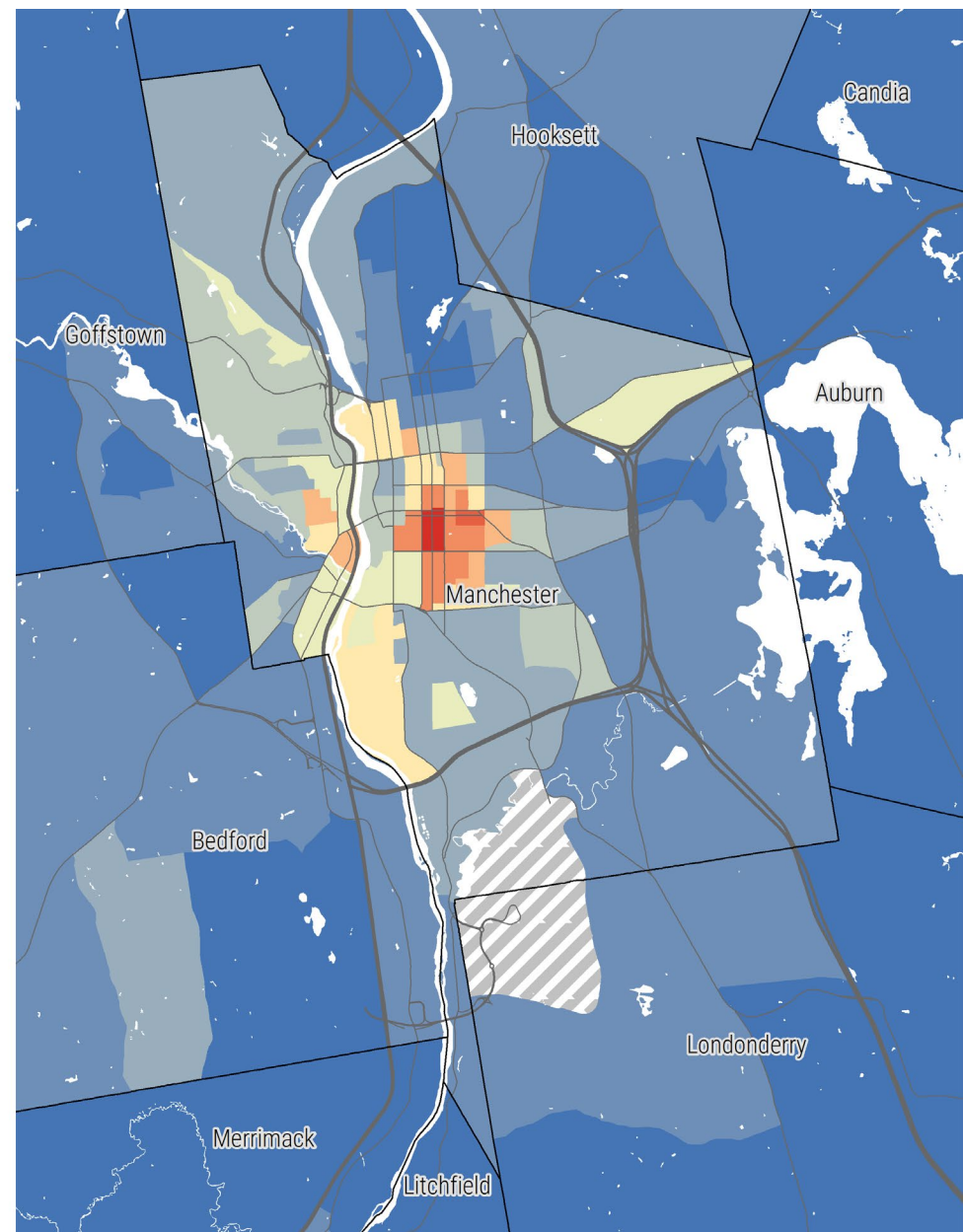
*There are more minority residents in the Southern New Hampshire Planning Commission than there are people in Concord*

2020 % Minority  
by Municipality &  
Census Block  
Equal Interval Distribution



Low: 1.3% to 4.5%

High: 26.6% to 29.7%



Low: 5.9% to 11.7%

High: 58.0% to 63.7%

More than 2/3 of New  
Hampshire's  
Population is in Black

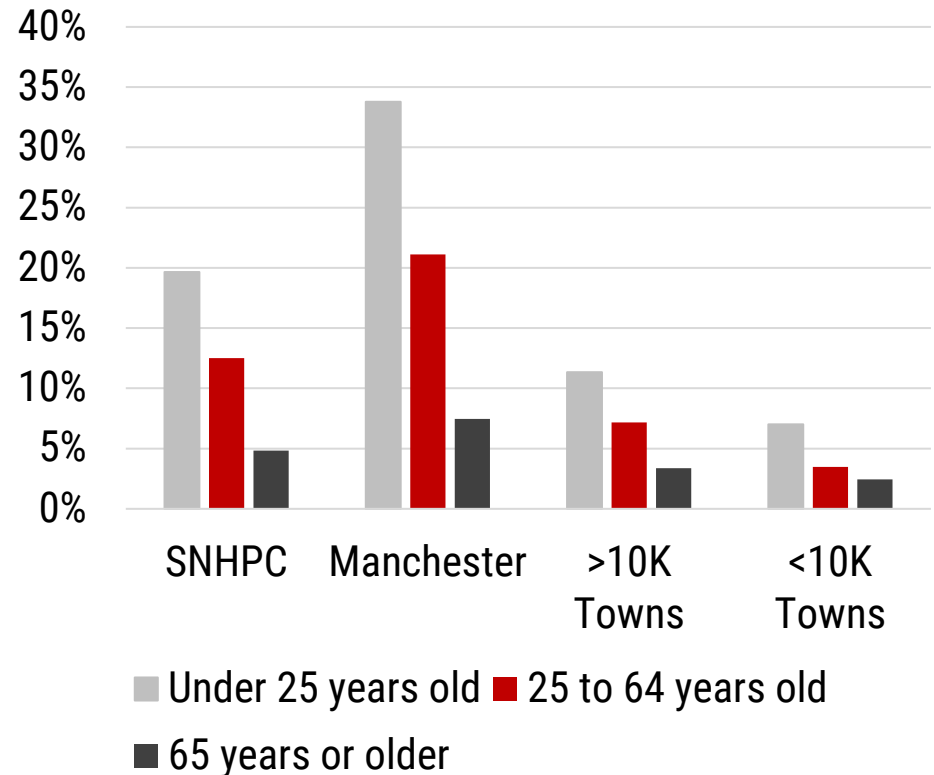


More than 2/3 of New  
Hampshire's Minority  
Population is in Black



	Minors are <b>x</b> times more likely to be a racial or ethnic minority than adults
SNHPC	1.8
Manchester	2.0
>10K Towns	1.8
<10K Towns	1.7
New Hampshire	1.8

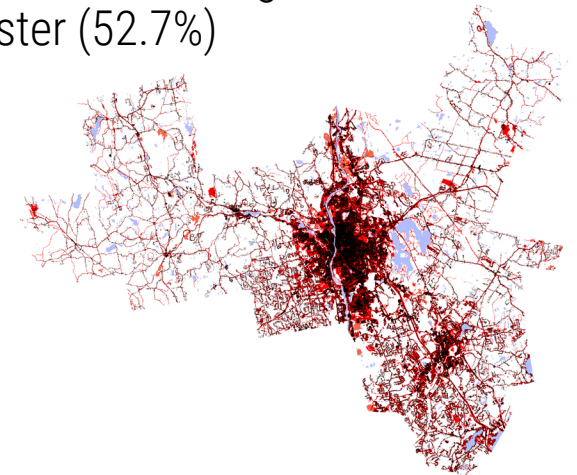
Percentage Not White Alone, Not Hispanic or Latino (2019 5-Year ACS)



*A SNHPC resident **under 25 years old** is more than **4 times** as likely to be a racial or ethnic minority as a resident **65 years or older***

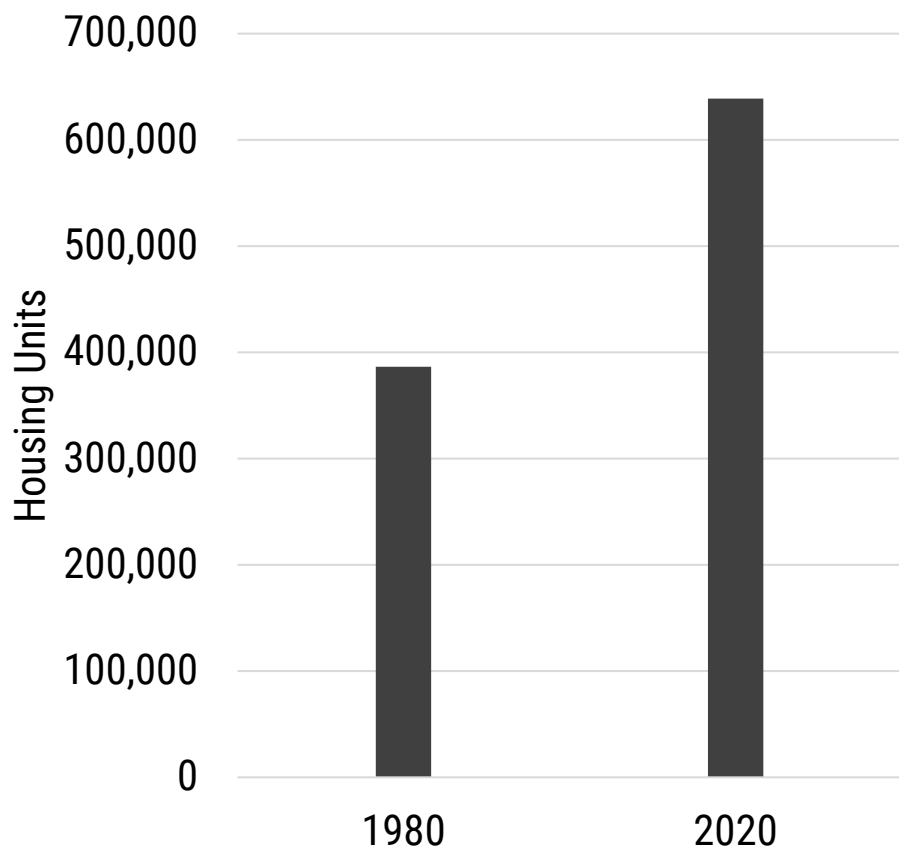
# Minorities: the big takeaways...

- The number of racial & ethnic minorities is growing, still very low by national standards
- Regional population concentrated in Manchester; increasing in every municipality
- Population less than 18 years old ~twice as diverse than adult population
- 2010-2020
  - Largest absolute change: Manchester (10,360)
  - Largest relative change: New Boston (210.6%)
  - Smallest absolute change: Frankestown (40)
  - Smallest relative change: Manchester (52.7%)

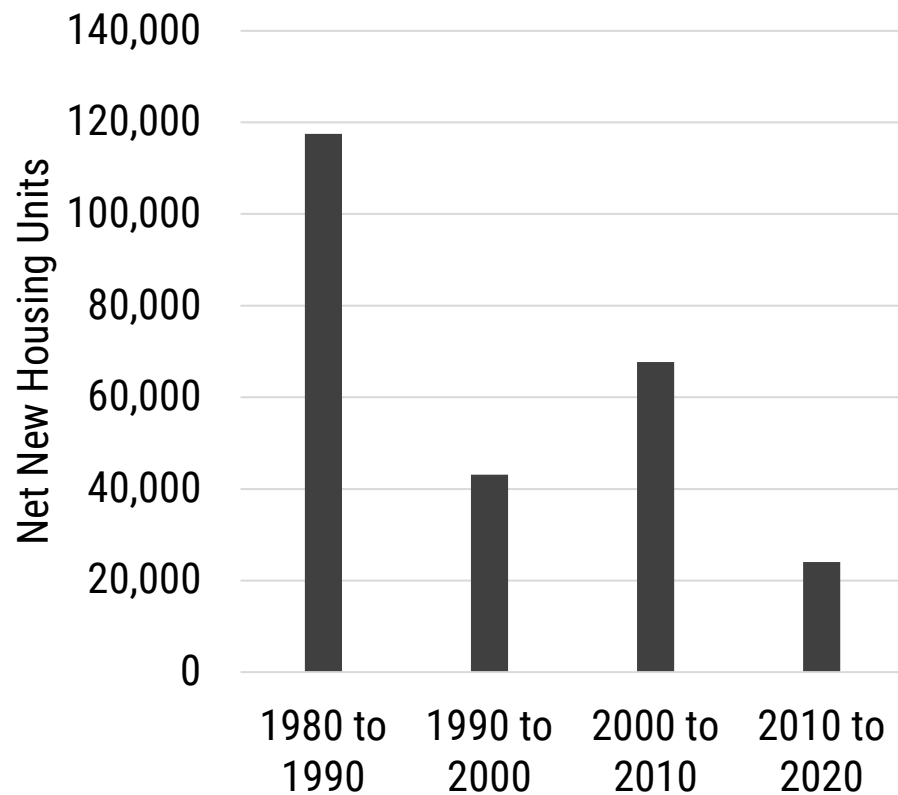


Housing

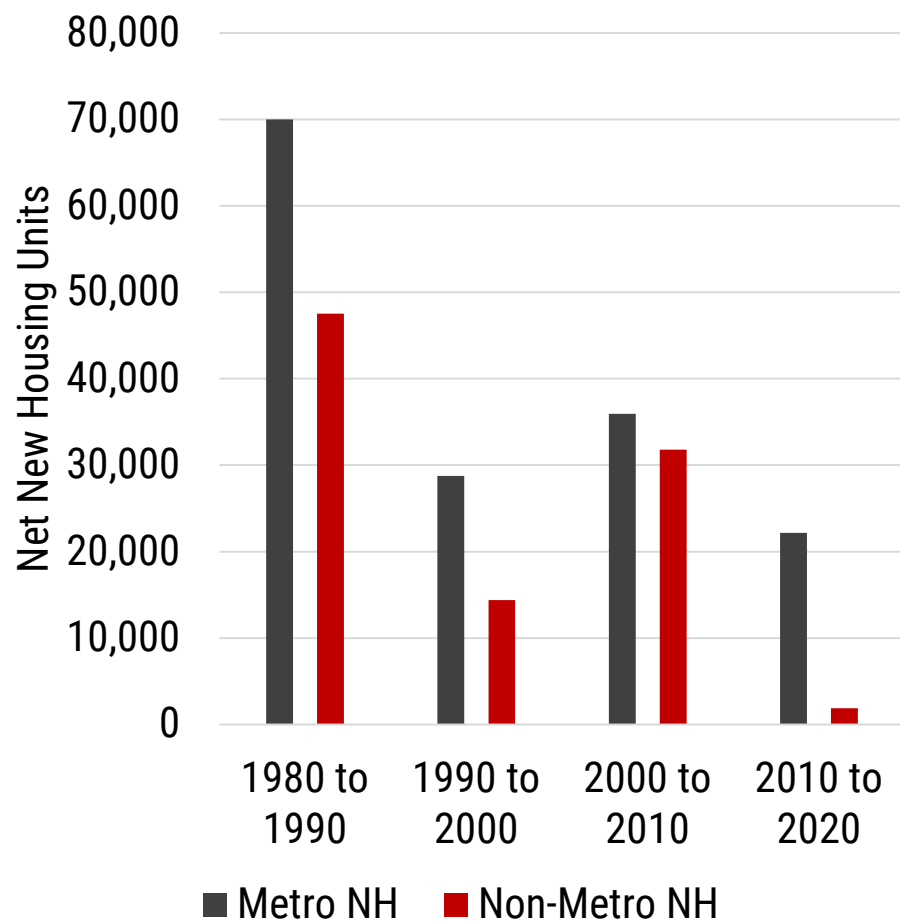
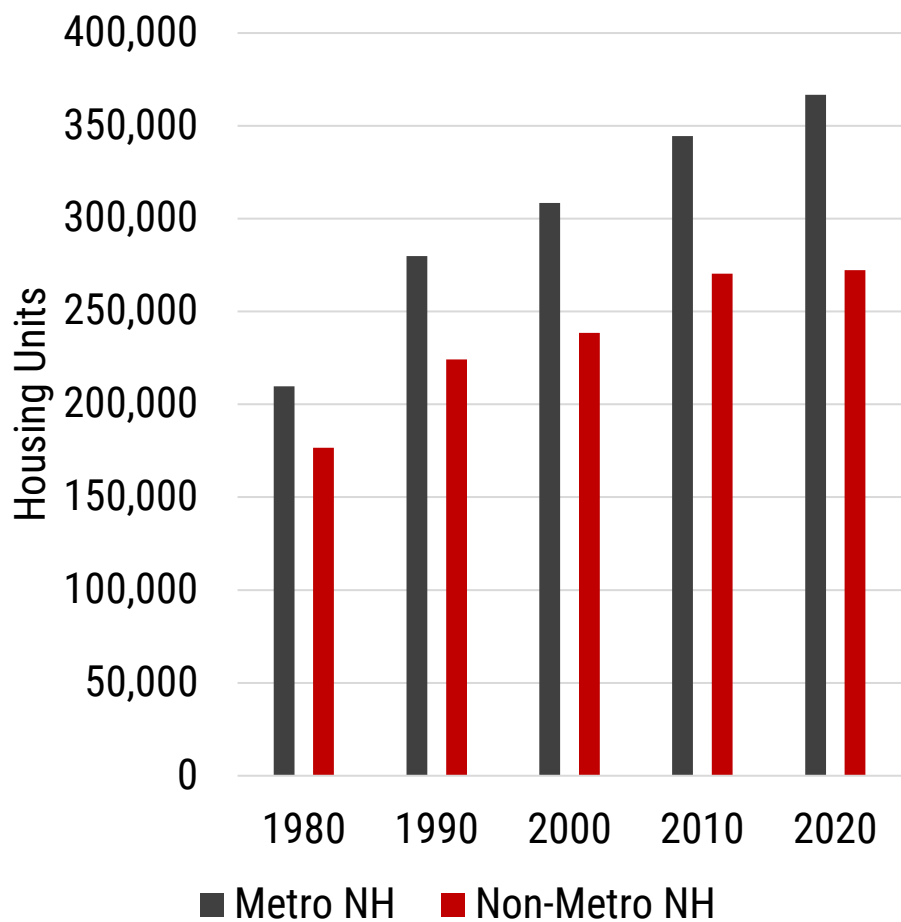
## New Hampshire



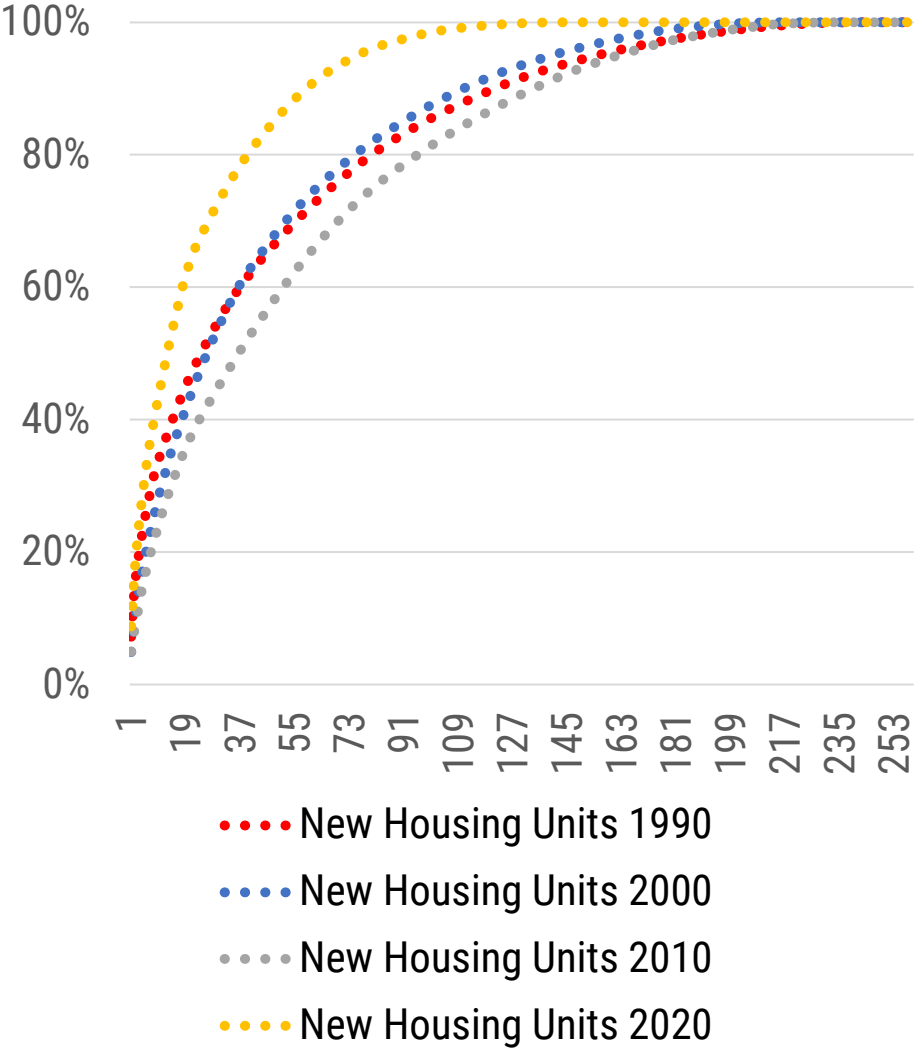
## New Hampshire (386,380 housings units in 1980)







# NH County Subdivisions Cumulative Distribution

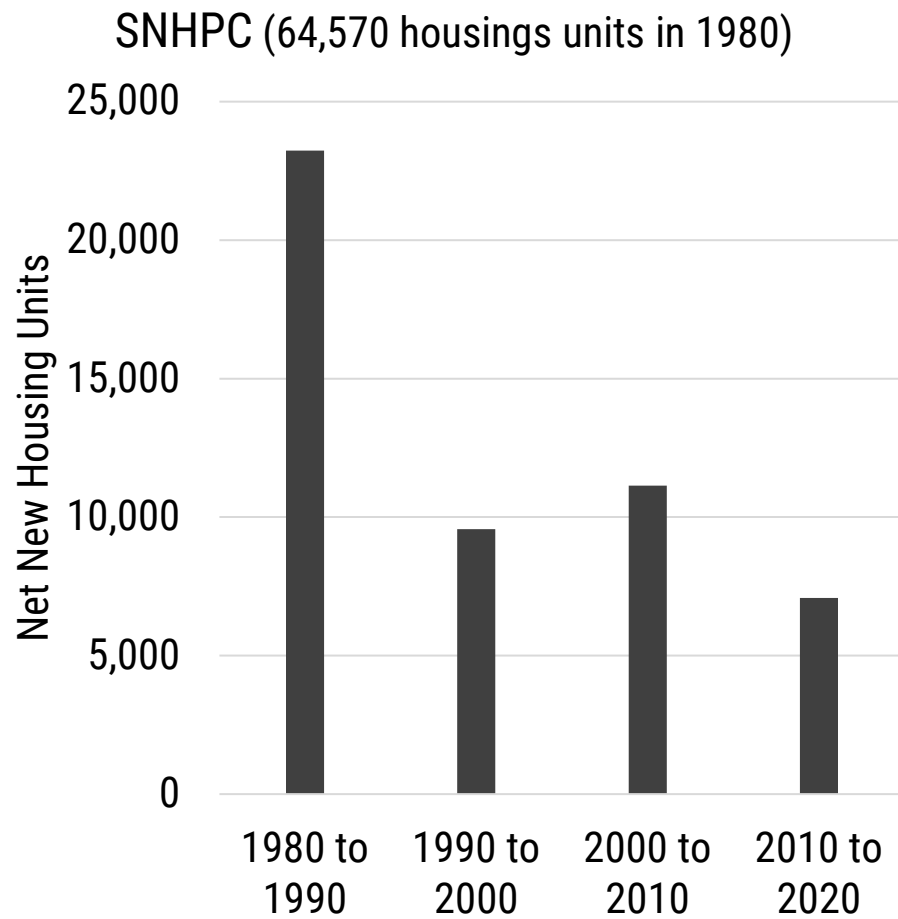
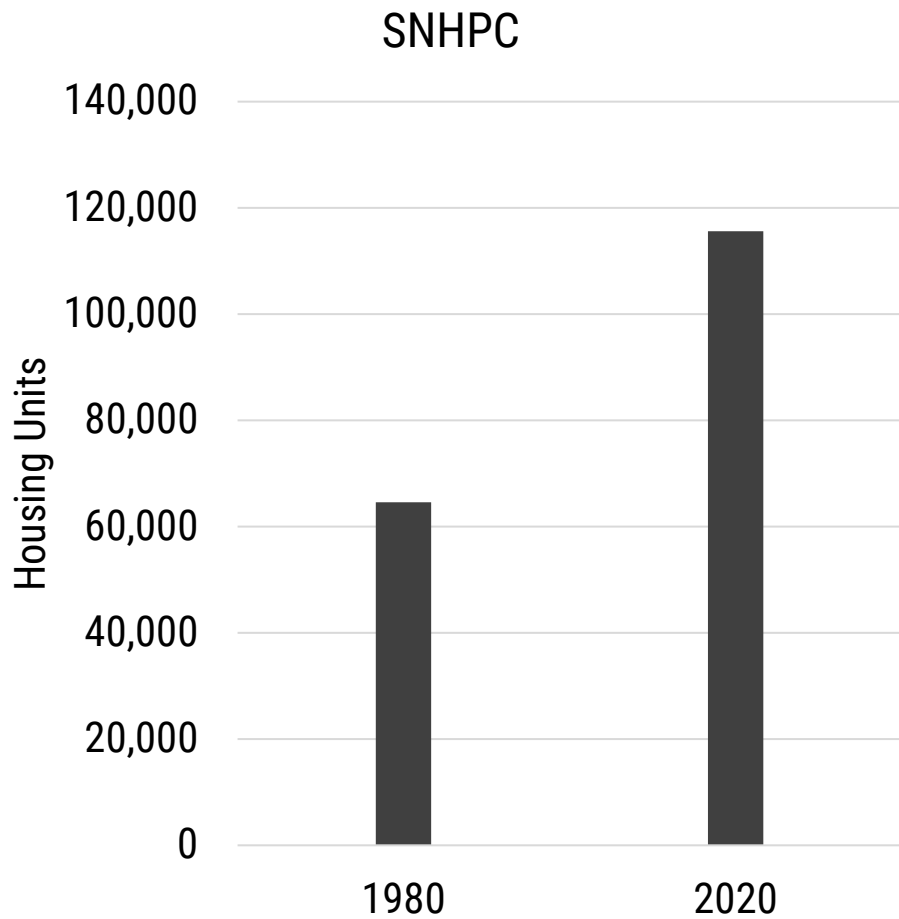


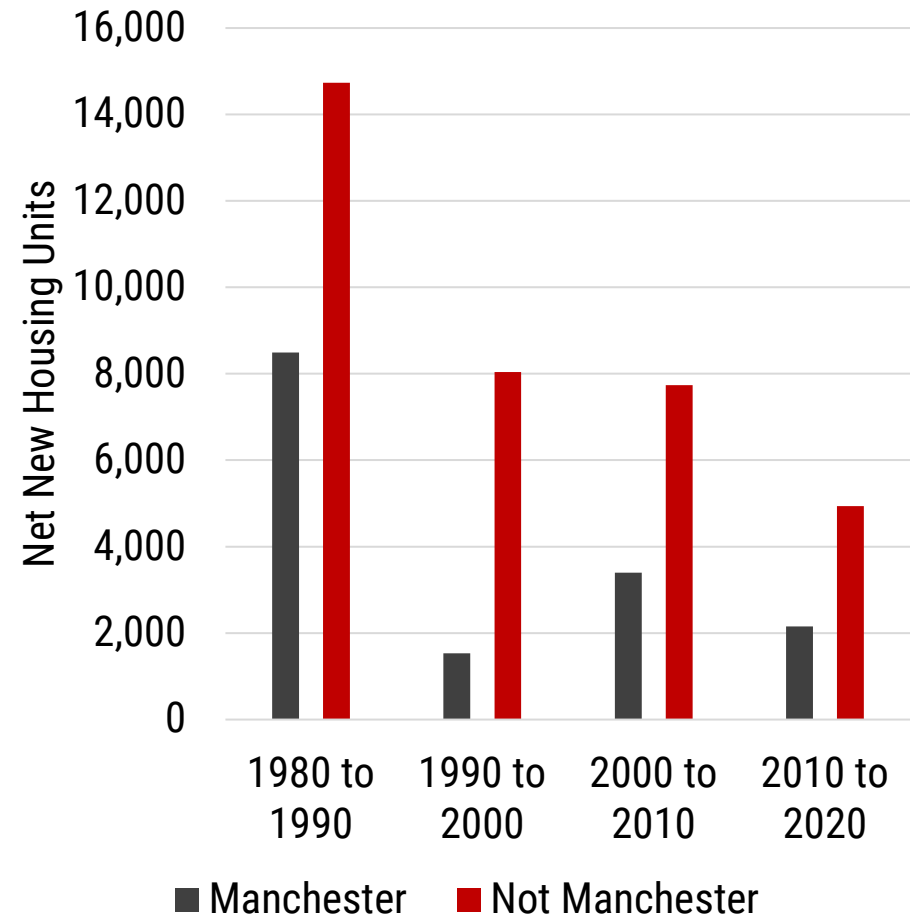
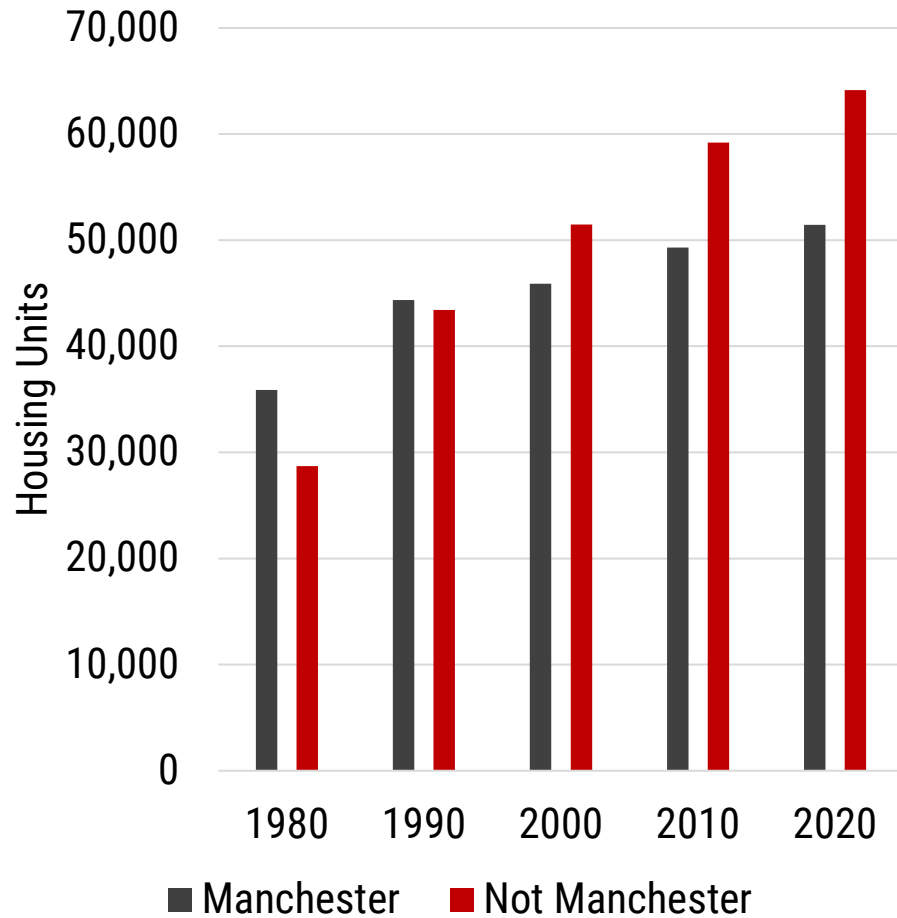
## NH County Subdivisions Housing Unit Change

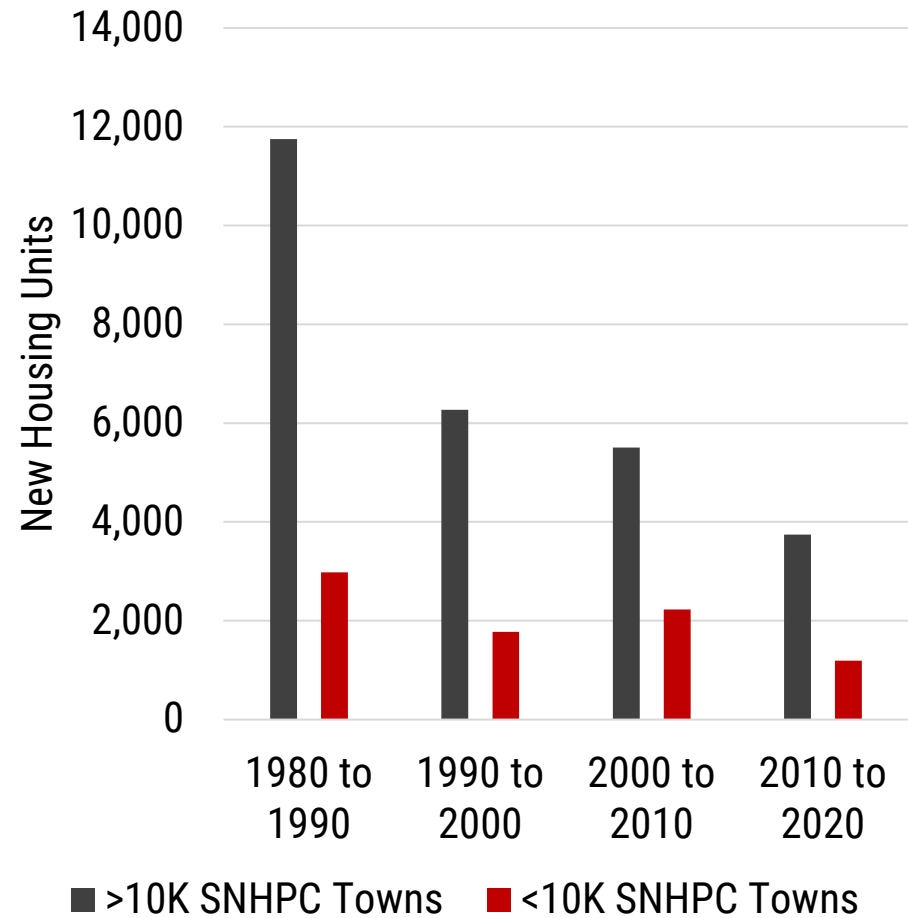
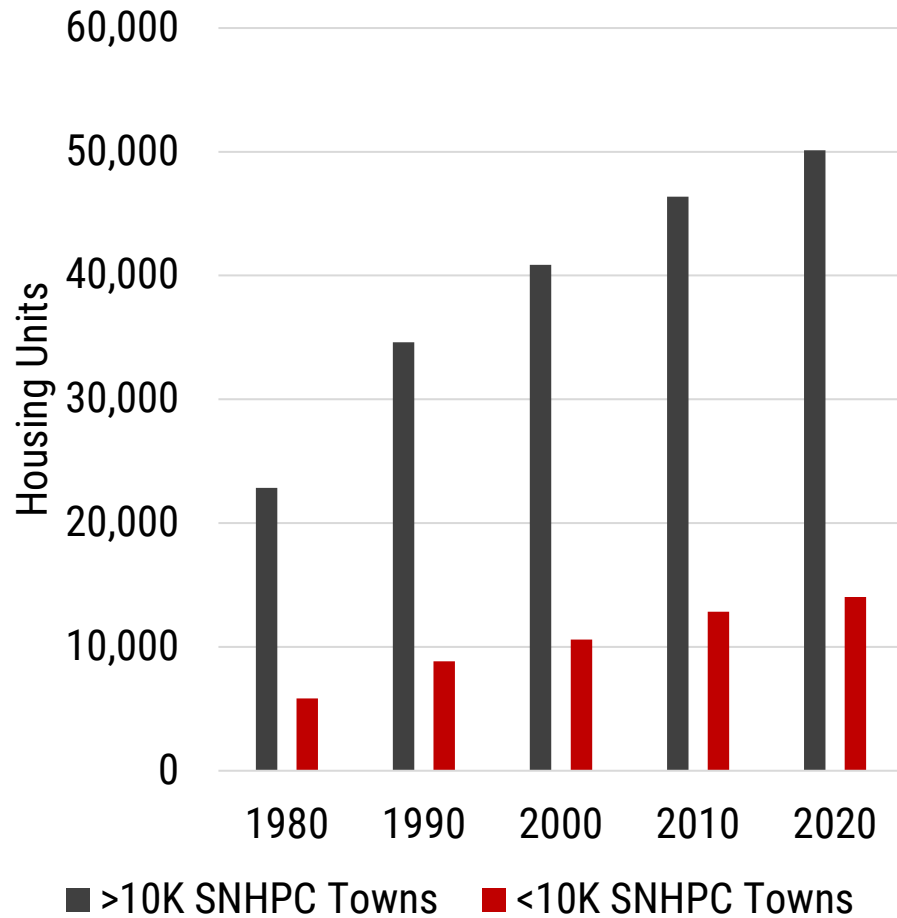
	1980 to 1990	1990 to 2000	2000 to 2010	2010 to 2020
Gain	240	213	237	144
No Change	11	16	8	11
Loss	8	30	14	104

## County Subdivisions that Saw a Loss in Housing Units

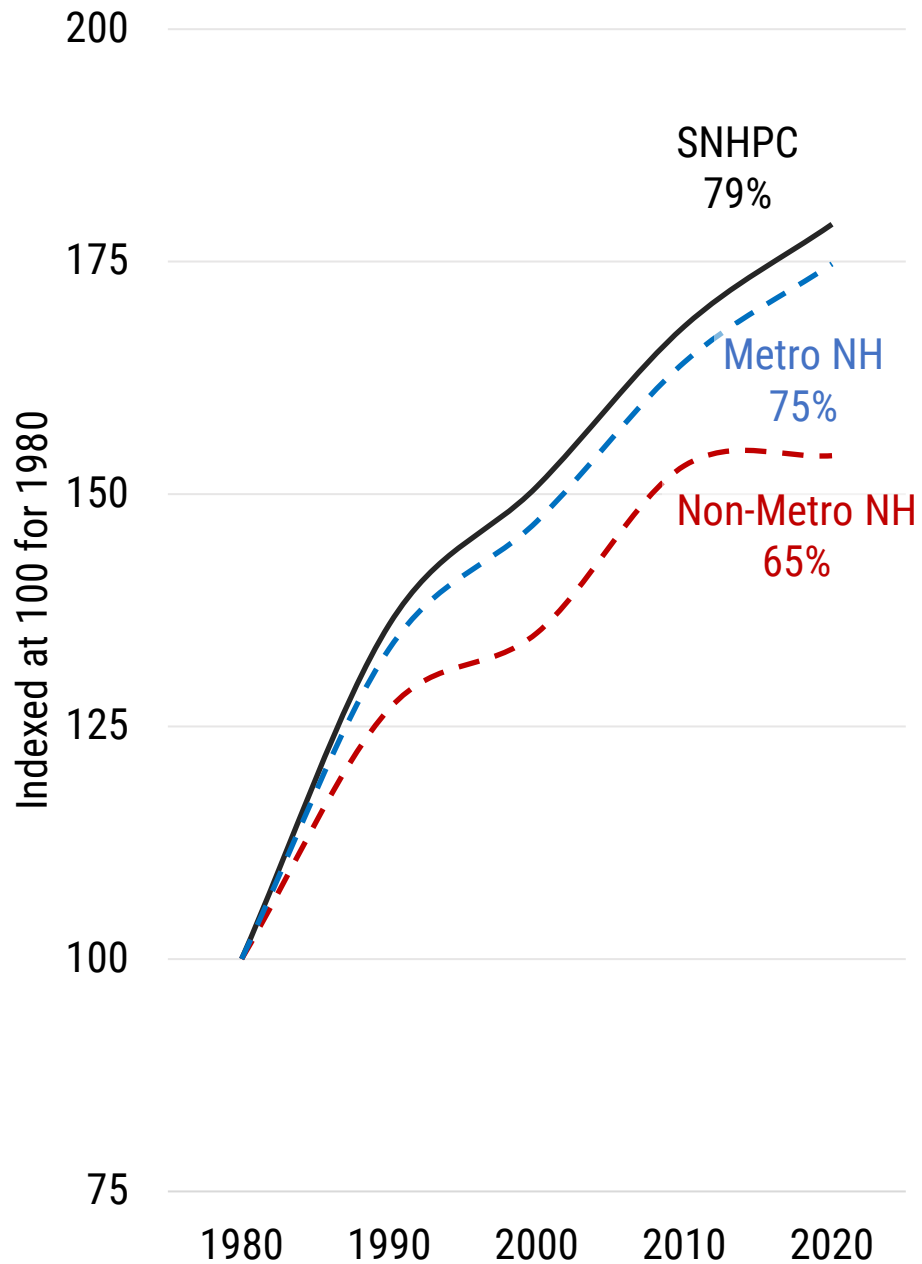
1980 to 1990	1990 to 2000	2000 to 2010	2010 to 2020
3%	12%	5%	40%



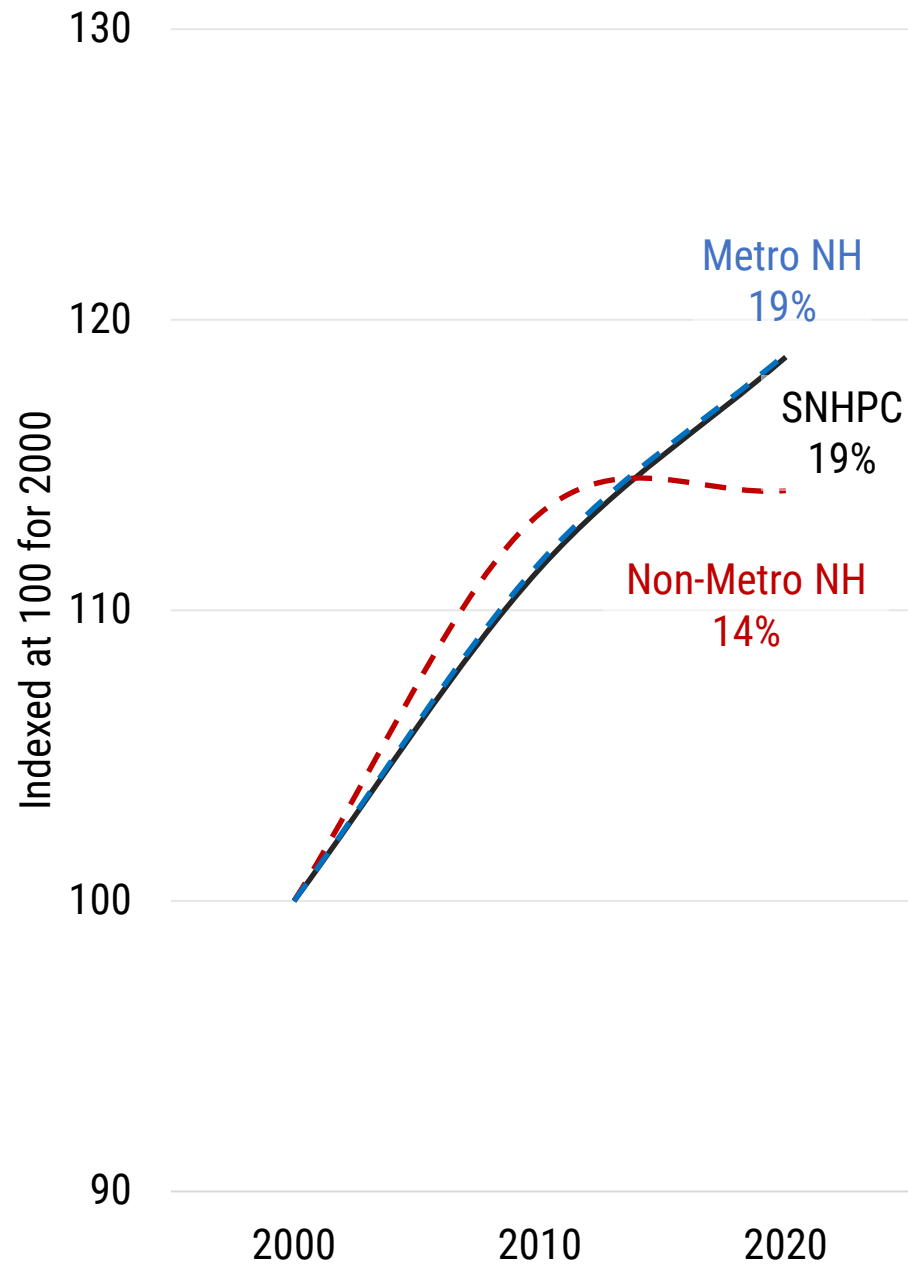




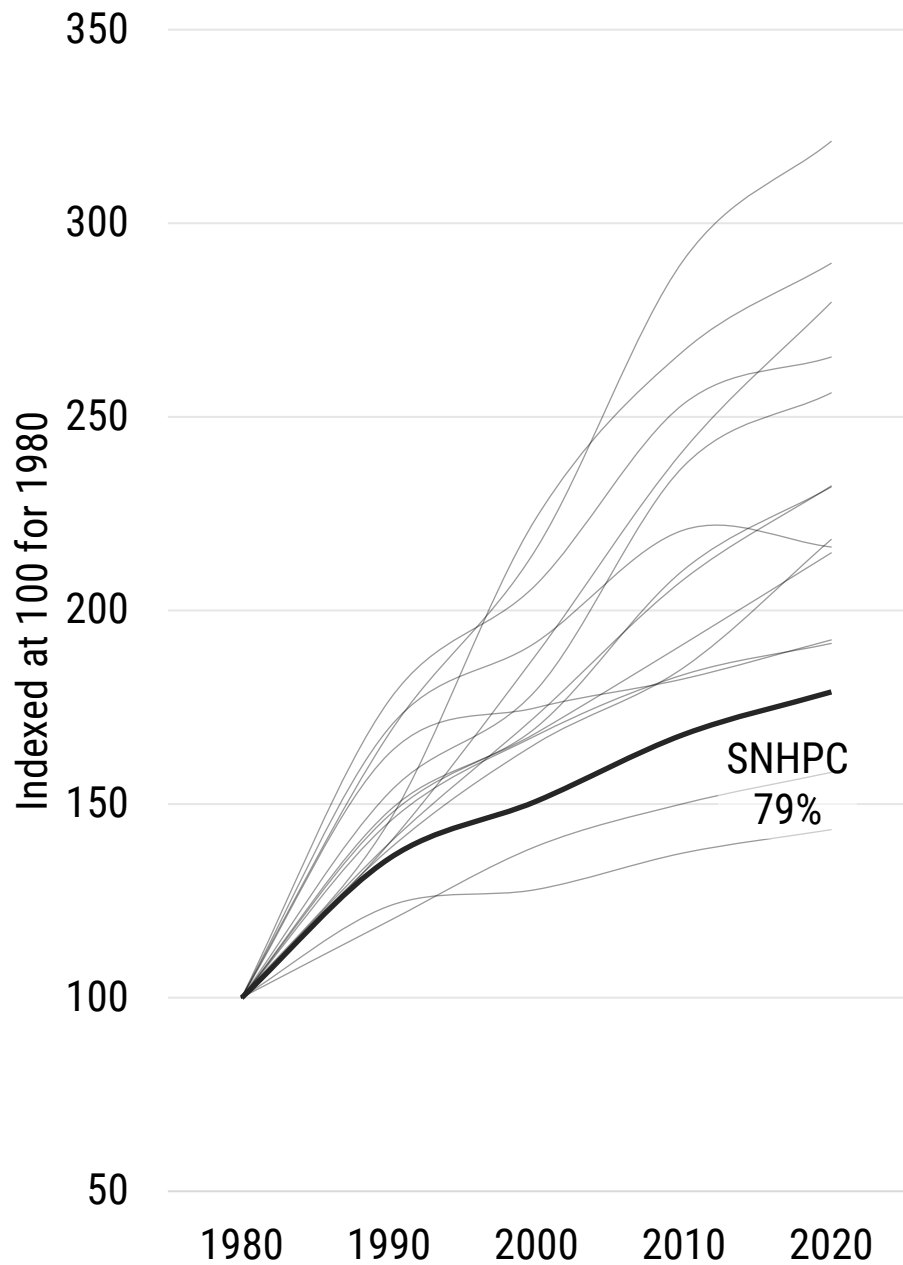
### Housing Stock since 1980



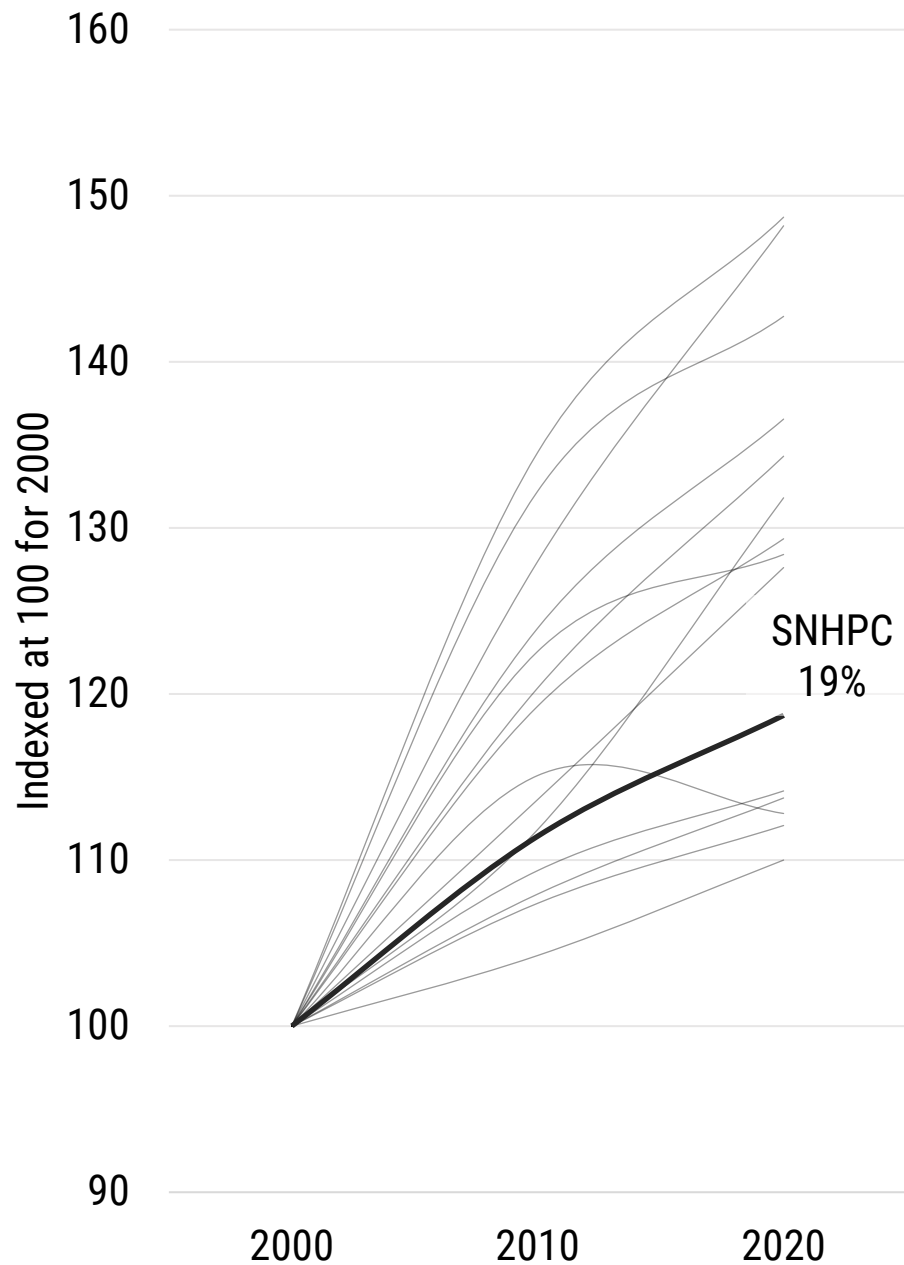
### Housing Stock since 2000



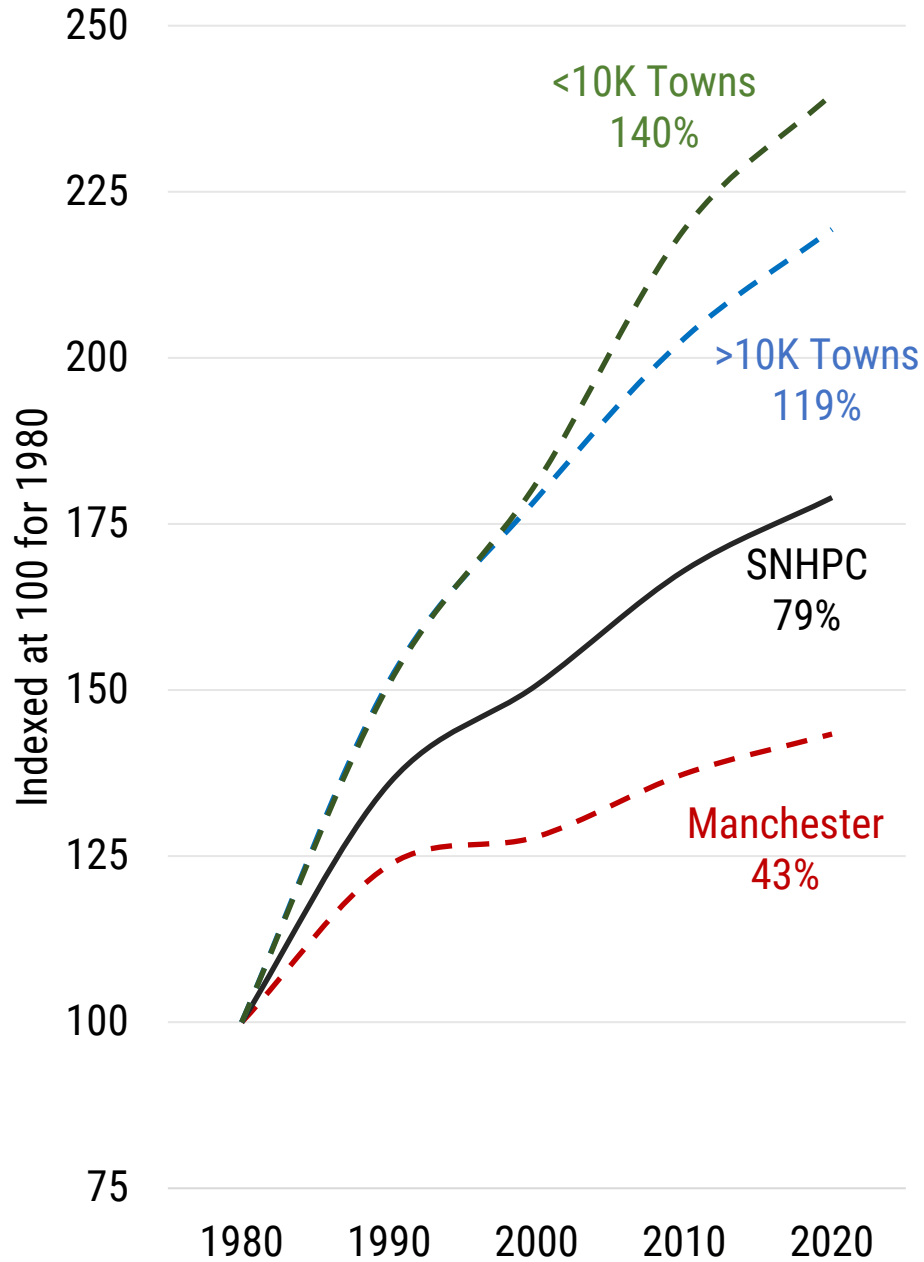
### Housing Stock since 1980



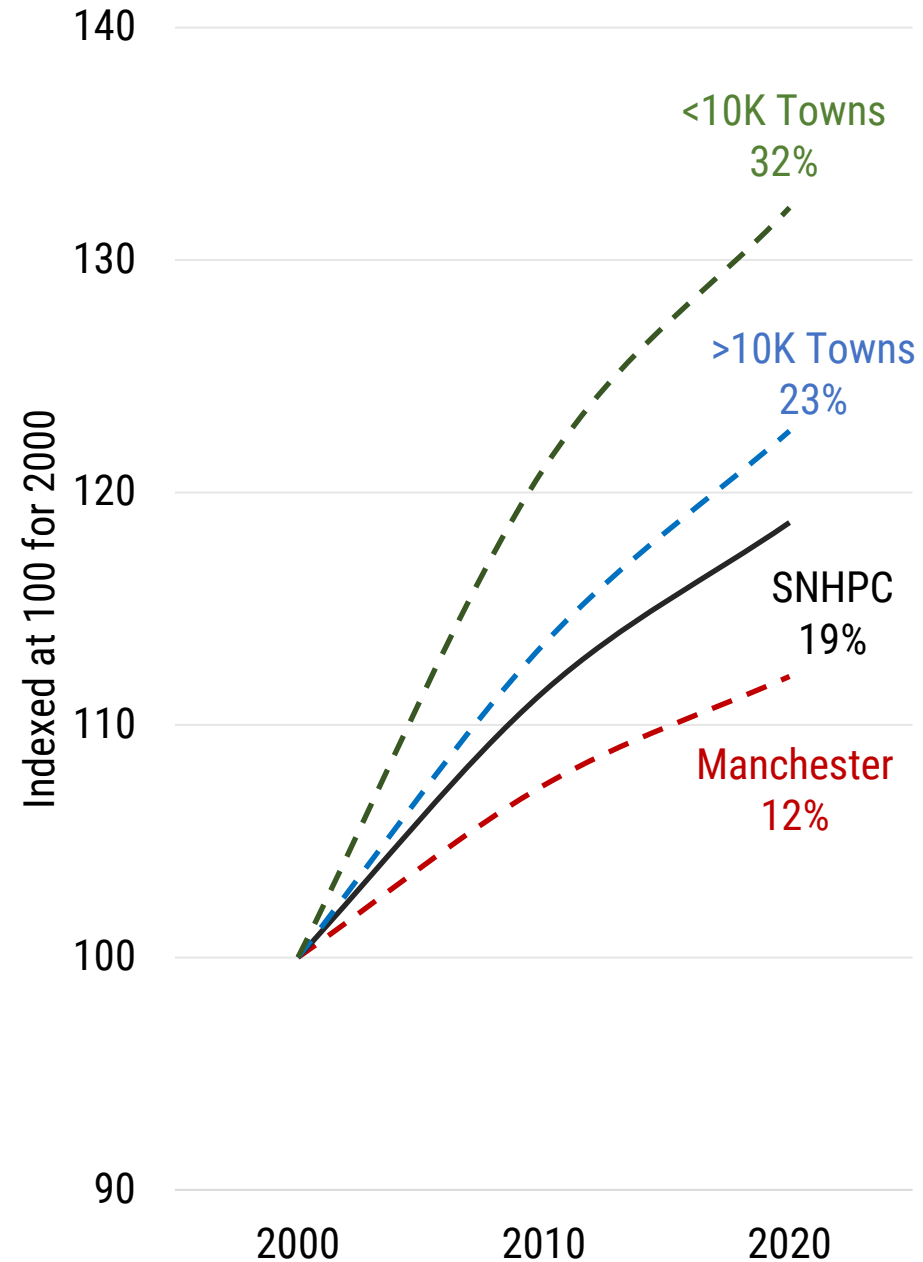
### Housing Stock since 2000



### Housing Stock since 1980



### Housing Stock since 2000



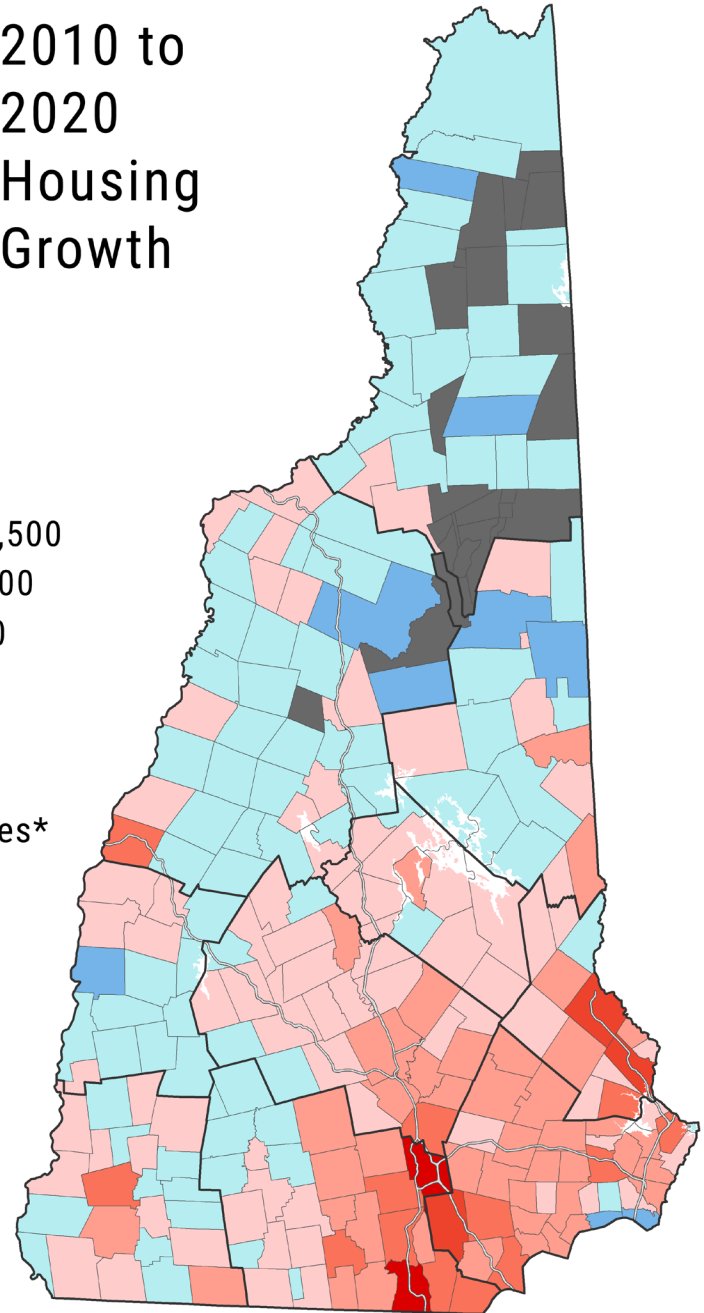
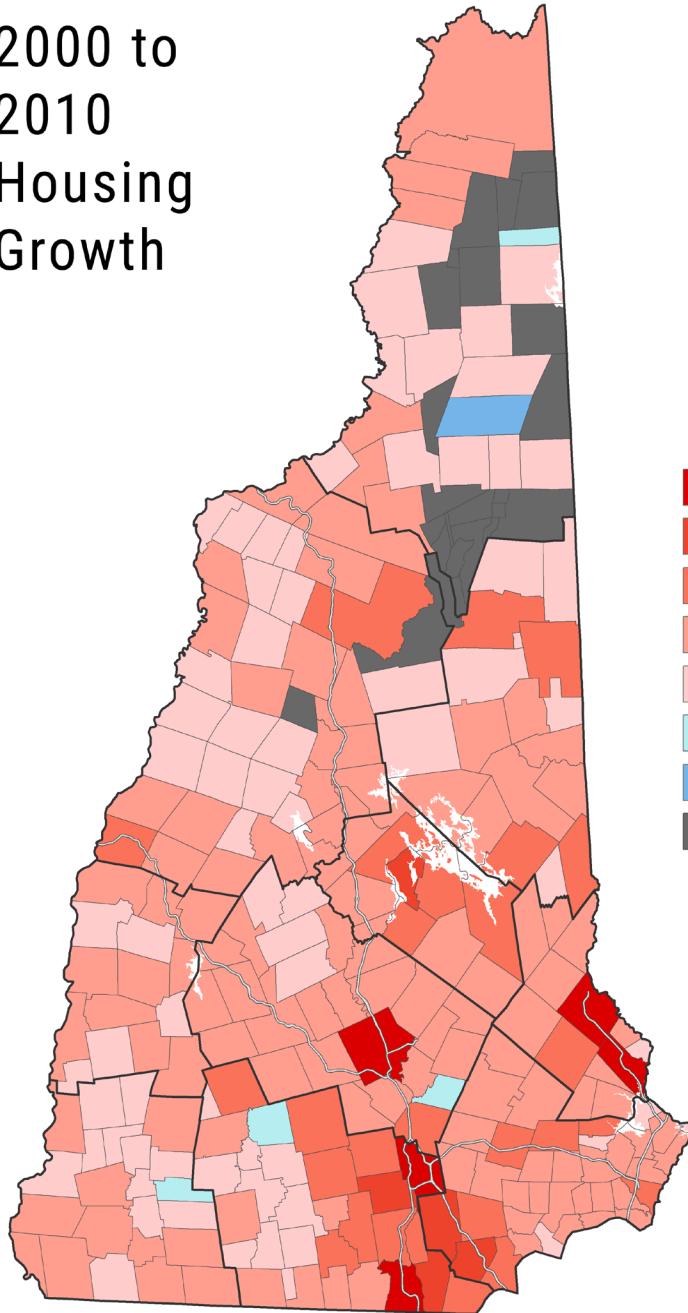


	<b>2010</b>	<b>2000 to 2010</b>		<b>2020</b>	<b>2010 to 2020</b>	
	Housing Units	Net New Housing Units		Housing Units	Net New Housing Units	
SNHPC	108,490	11,130	11%	115,580	7,090	7%
Manchester	49,290	3,400	7%	51,440	2,150	4%
>10K Towns	46,370	5,510	13%	50,120	3,750	8%
<10K Towns	12,840	2,230	21%	14,030	1,190	9%

	<b>2010</b>	<b>2000 to 2010</b>		<b>2020</b>	<b>2010 to 2020</b>	
	Housing Units	Net New Housing Units		Housing Units	Net New Housing Units	
New Hampshire	614,750	67,730	12%	638,800	24,040	4%
Metro NH	344,460	35,940	12%	366,620	22,160	6%
Non-Metro NH	270,300	31,790	13%	272,180	1,890	1%

# 2000 to 2010 Housing Growth

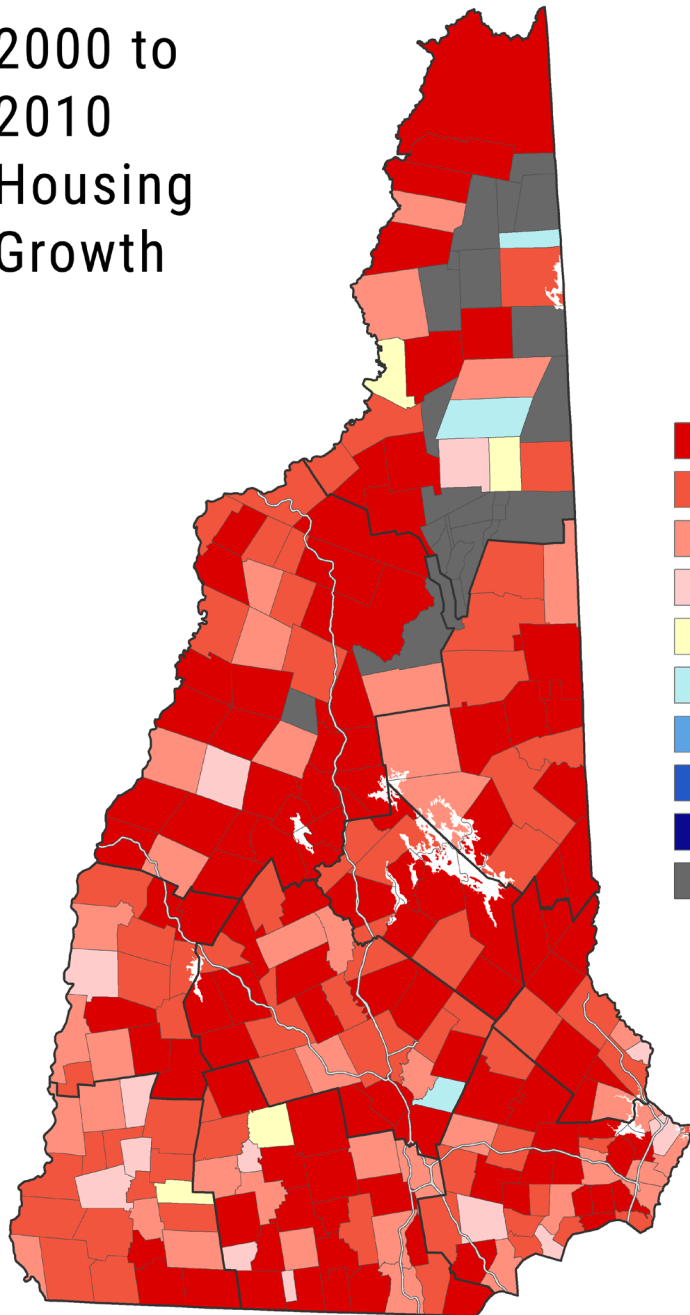
# 2010 to 2020 Housing Growth



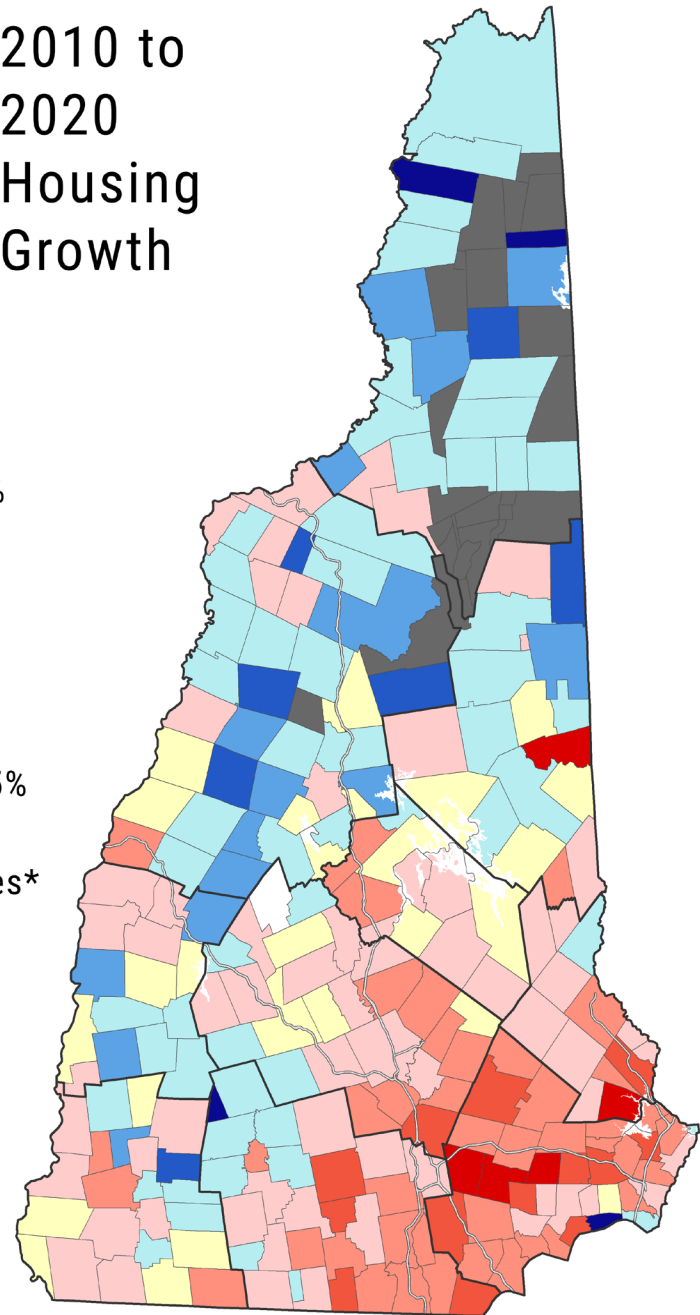
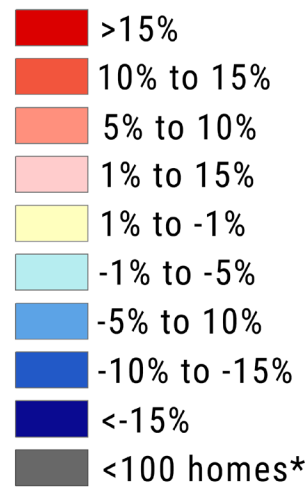
\*100 housings units in either the 2000 or 2000 Census.

Created by SNHPC, 2021. Sources: NH Department of Transportation; IPUMS National Historical GIS; US Census Bureau; US Geological Survey.

# 2000 to 2010 Housing Growth



# 2010 to 2020 Housing Growth

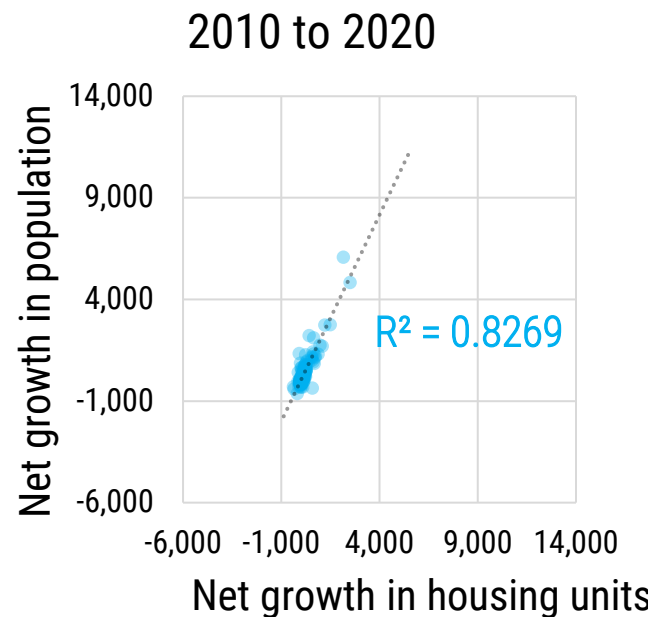
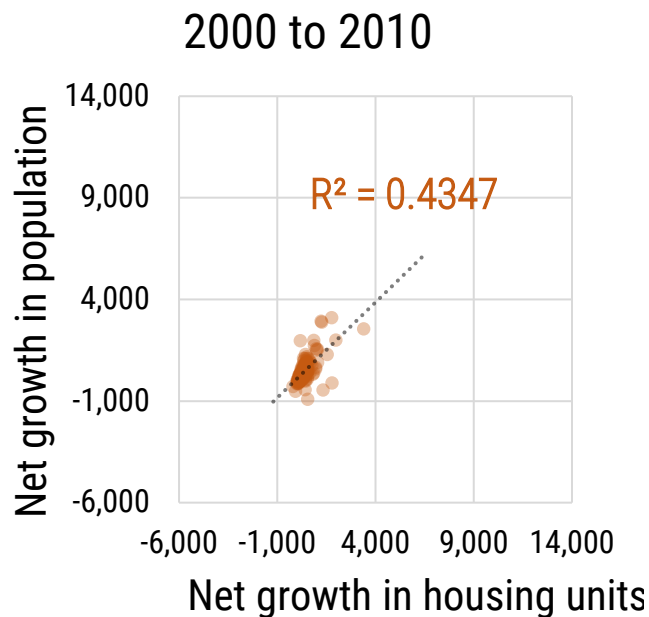
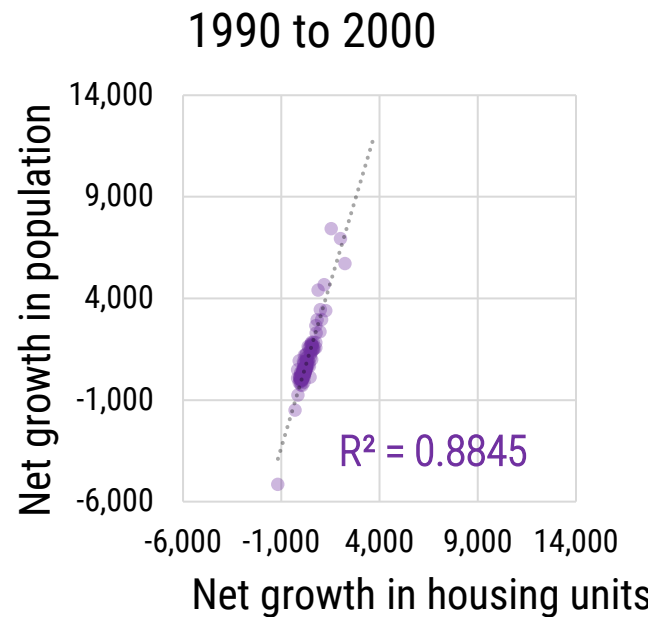
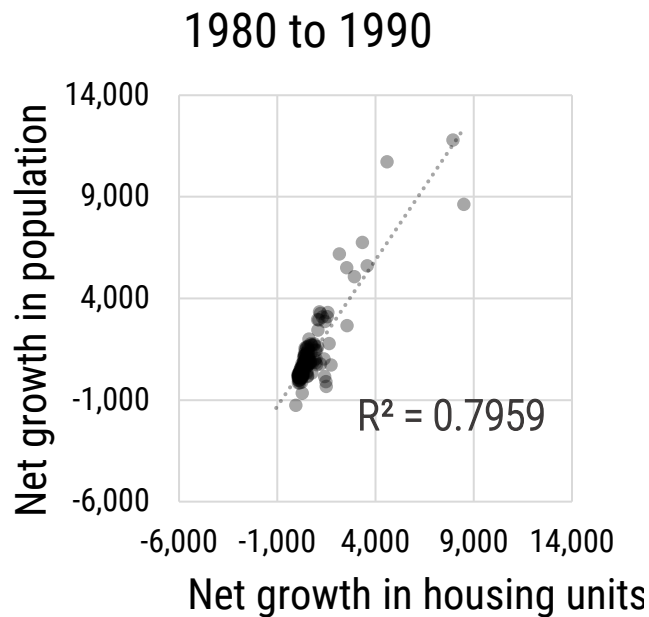


\*100 housings units in either the 2000 or 2000 Census.

Created by SNHPC, 2021. Sources: NH Department of Transportation; IPUMS National Historical GIS; US Census Bureau; US Geological Survey.

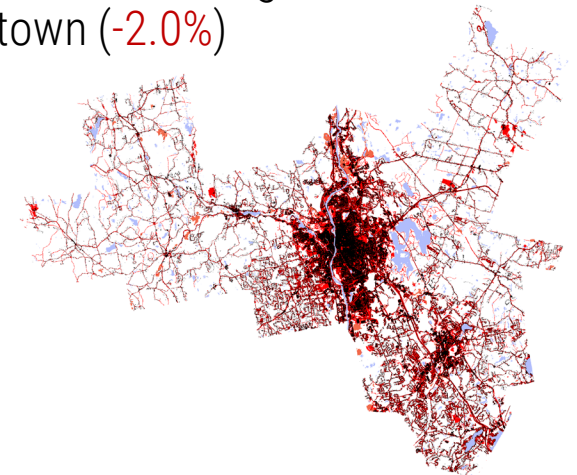


Each dot is a municipality with at least 1,000 residents in 1980



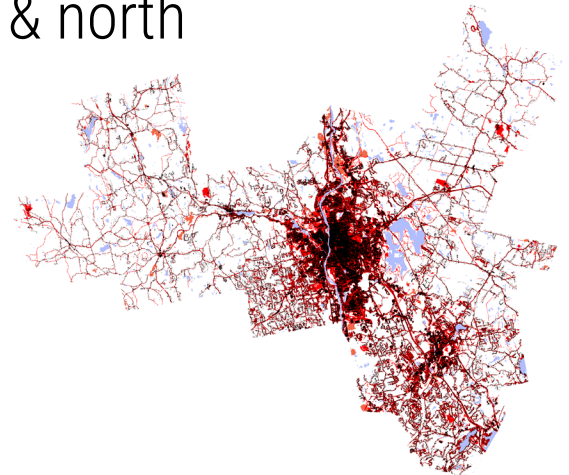
# Housing: the big takeaways...

- The number of housing units is growing, rate declining
- Housing growth uneven across state; declines in west & north
- Recent housing growth slowest in at least 4 decades
- 2010-2020
  - Largest absolute change: Manchester (2,150)
  - Largest relative change: Auburn (18.0%)
  - Smallest absolute change: Francestown (-20)
  - Smallest relative change: Francestown (-2.0%)



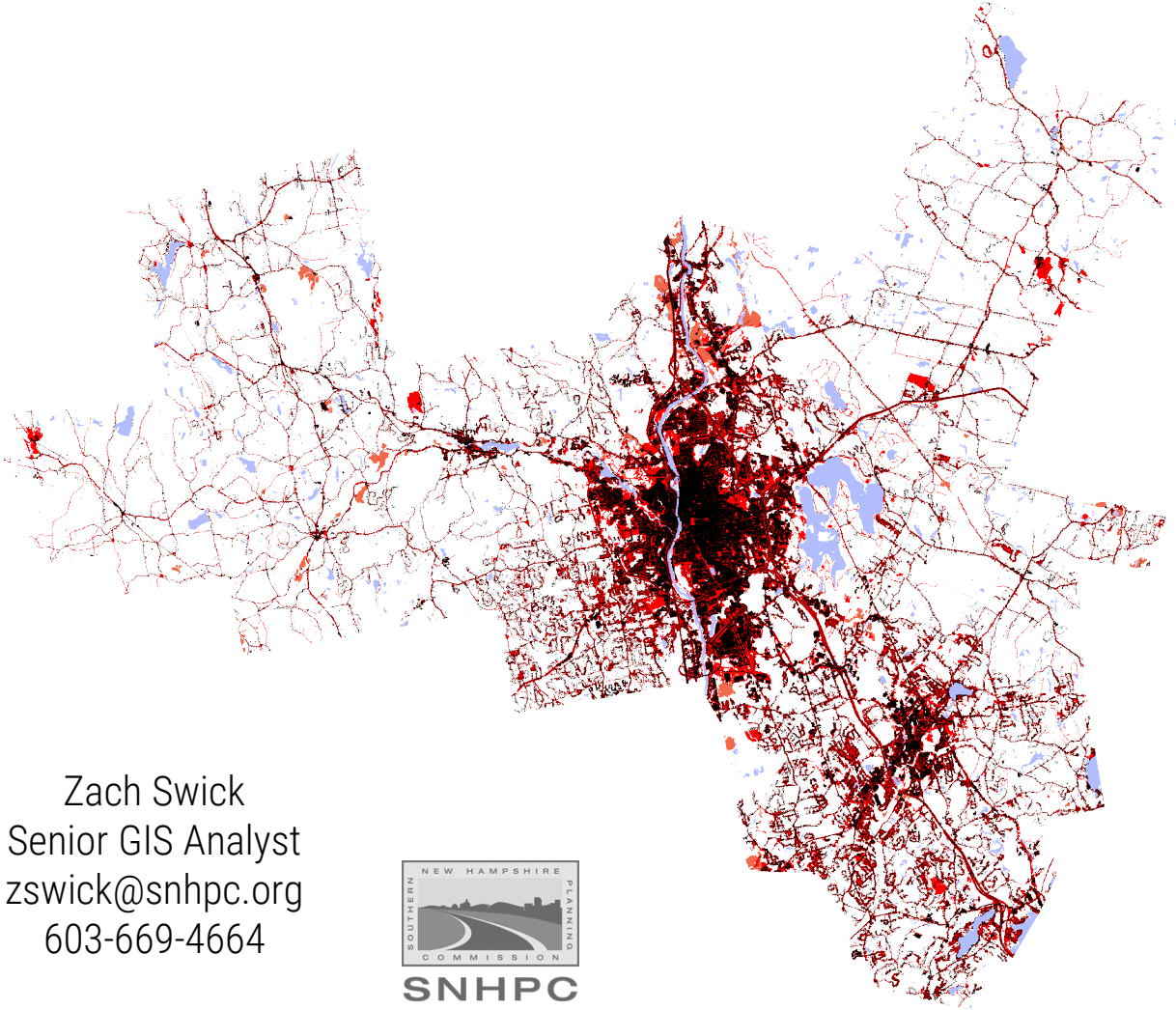
# 2020 Census: the big takeaways...

- SNHPC growing—older & more diverse
- Housing growth never recovered from late 20<sup>th</sup> century boom/housing bubble
- Regional patterns solidifying; thriving Merrimack Valley and Seacoast, struggling west & north



Questions?

Zach Swick  
Senior GIS Analyst  
[zswick@snhpc.org](mailto:zswick@snhpc.org)  
603-669-4664



Questions?