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Comparison of Certificate of Need and  
NH Hospital Association Designations  
of Hospital Service Areas and their  
Alignment with NH Public Health Regions

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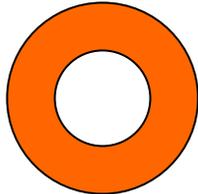
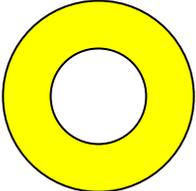


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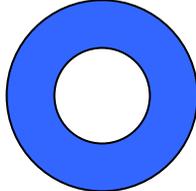
Purpose: to understand the impact of the geographical composition and relationship of the Public Health Regions and the two variations of Hospital Service Areas



**NHHA  
HSA**



**CON HSA**

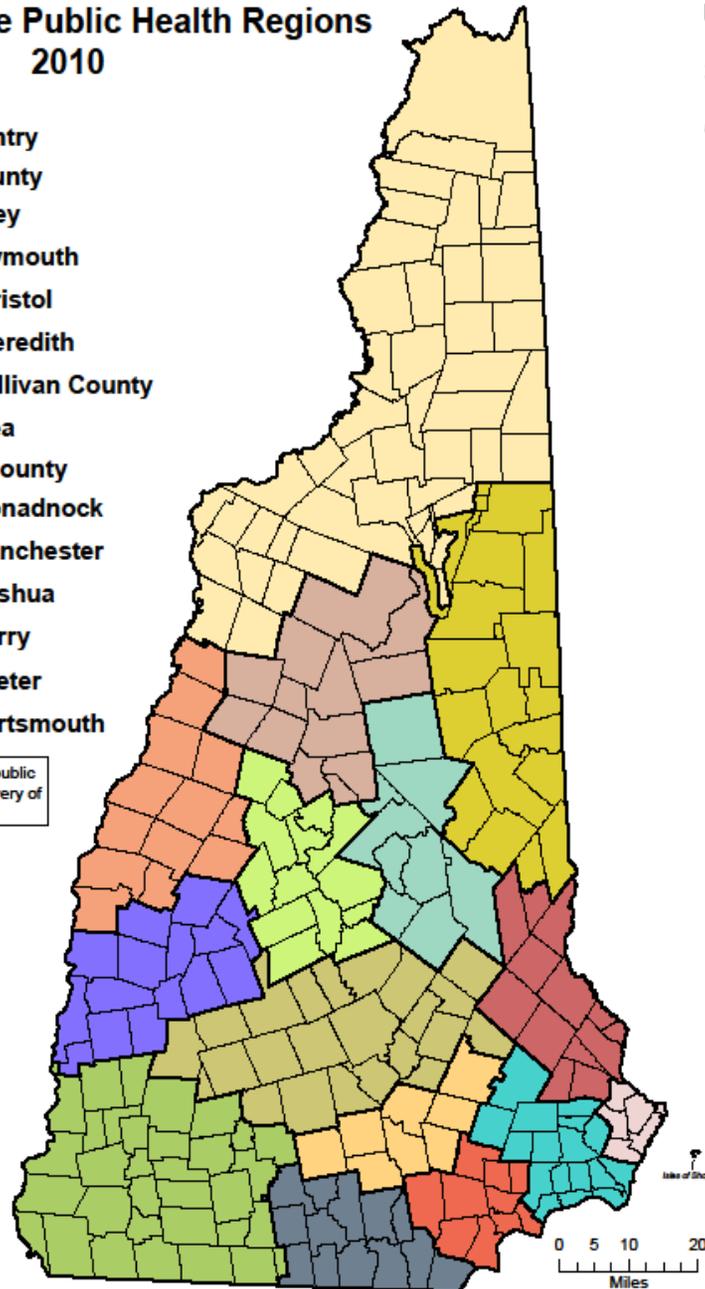


**PHR**

# New Hampshire Public Health Regions 2010

-  - North Country
-  - Carroll County
-  - Upper Valley
-  - Greater Plymouth
-  - Franklin/Bristol
-  - Laconia/Meredith
-  - Greater Sullivan County
-  - Capital Area
-  - Strafford County
-  - Greater Monadnock
-  - Greater Manchester
-  - Greater Nashua
-  - Greater Derry
-  - Greater Exeter
-  - Greater Portsmouth

These regions are used for public health planning and the delivery of select public health services



# CON HSAs

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- Required by state administrative rule (He Hea 1000)
- Determined by applying the DRGs **common to all acute care hospitals** in the state based upon the database known as the uniform hospital discharge data set
- A city or town shall be part of the service area of the hospital:
  - (1) From which a plurality of patients from the town are discharged; and
  - (2) Is contiguous to the service area to which it is assigned.
- (Note: includes option to reassign a town that is not contiguous)



# NHHA HSAs

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- Defined to use for report on the financial impact of hospitals
- Determined by applying the **all** DRGs from all acute care hospitals in the state based upon the database known as the uniform hospital discharge data set

# Differences in Town Assignments between NHHA and CON HSAs

Town	CON HSA	NHHA HSA
Acworth	Valley	APD / MHMH
Lempster	Valley	APD / MHMH
Danbury	LRGH	APD / MHMH
Haverhill	Cottage	APD / MHMH
Goshen	New London	APD / MHMH
Newbury	New London	APD / MHMH
Newport	New London	APD / MHMH
Sunapee	New London	APD / MHMH
Sutton	New London	APD / MHMH
Wilmot	New London	APD / MHMH

# Differences in Town Assignments between NHHA and CON HSAs

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Town	CON HSA	NHHA HSA
Hampton	Exeter	Portsmouth
Wakefield	Huggins	Frisbee
Lee	Wentworth Douglas	Frisbee
Hill	LRGH	Concord
Chester	Parkland	CMC / Elliott
Mason	St Joe's / SNHMC	Monadnock

# Differences in Town Assignments between NHHA and CON HSAs

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Town	CON HSA	NHHA HSA
Dalton	Weeks	Littleton
Whitefield	Weeks	Littleton
Errol	Weeks	AVH
Millsfield	Weeks	AVH
Odell	Weeks	Upper Ct Valley



# Note on methodology

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- Because the NHHA HSA uses zip code for their designations there is a small number of “villages” within a town that are assigned to a different HSA than is the town. In these cases, the town assignment was used for the comparisons to the CON HSA.
  - Example: Alton Bay assigned to Huggins  
Alton assigned to LRGH

# Percent of NHHA HSA Population by Public Health Region

% of Population in 1 PH Region	Number of HSAs	HSA Names
100%	12	Upper Ct. Valley, AVH, Weeks, Littleton, Cottage, Valley Reg, Memorial, Parkland, WDH, Franklin, New London, "Nashua"
>95%	3	Concord, Cheshire, Monadnock
85 – 94%	3	Frisbee, Exeter, "Manchester"
75 -84%	3	Speare, LRGH- Laconia, Huggins
65 – 74%	2	Portsmouth, "Lebanon"

# Percent of CON HSA Population by Public Health Region

% of Population in 1 PH Region	Number of HSAs	HSA Names
100%	15	Upper Ct. Valley, AVH, Weeks, Littleton, Cottage, Valley Reg, Memorial, Parkland, WDH, LRGH (Franklin & Laconia), New London, "Nashua", <b>Monadnock</b> , <b>Portsmouth</b> , <b>Frisbee</b>
>95%	3	Concord, Cheshire, " <b>Lebanon</b> "
85 – 94%	2	Exeter, "Manchester"
75 -84%	2	Speare, Huggins
65 – 74%	0	<b>Note: Bold Type</b> indicates greater conformity within a single PHR than seen with NHHA HSAs

# Monadnock Public Health Region Population by 2 HSAs

Monadnock Public Health Region	Keene HSA	Alstead	2,110	2.0%	
		Chesterfield	3,901	3.7%	
		Fitzwilliam	2,357	2.2%	
	<b>Keene Total</b>		<b>65,492</b>	<b>62.4%</b>	
	Peterborough HSA	Antrim	2,654	2.5%	
		Bennington	1,552	1.5%	
		Dublin	1,605	1.5%	
	<b>Peterborough Total</b>		<b>39,450</b>	<b>37.6%</b>	
	<b>Monadnock Total</b>			<b>104,942</b>	<b>100.0%</b>



# Findings

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- Designation of HSAs by both CON and NHHA is largely consistent statewide
- Different designations seen most frequently in low population towns (likely with fewer discharges annually)
- When different, NHHA HSA designation usually assigns towns to larger hospitals



# Findings

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- CON HSAs align more closely with Public Health Regions both in terms of:
  - the number of HSAs 100% aligned within a single region
  - the overall degree of alignment (more HSAs more well aligned)



# Thank You

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- Questions and Discussion