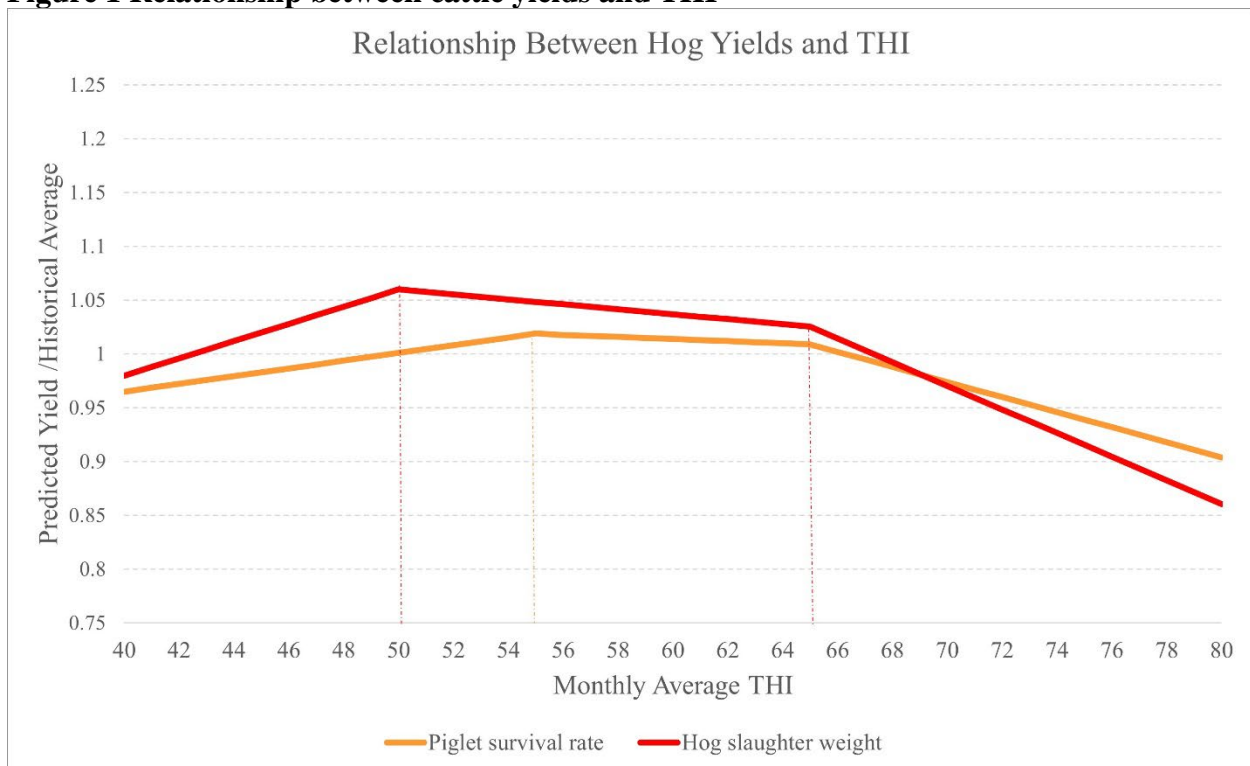
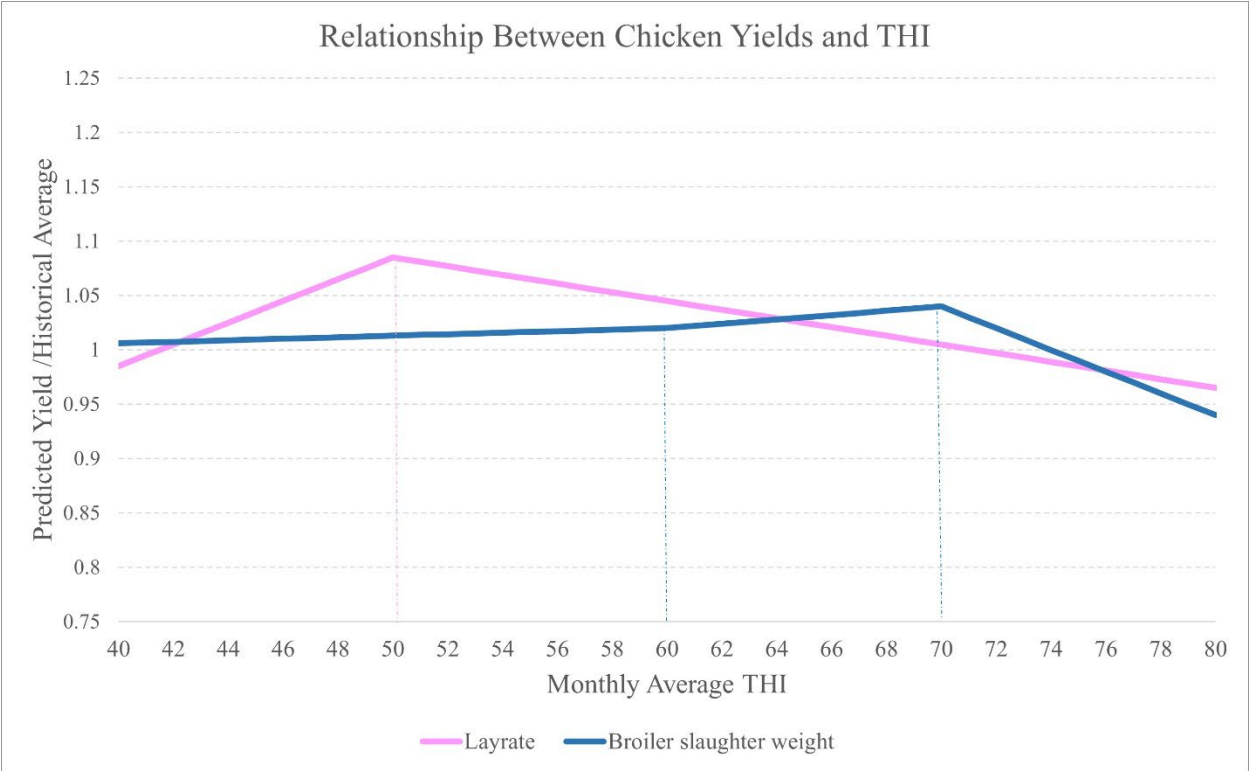


**Figure 1 Relationship between cattle yields and THI**

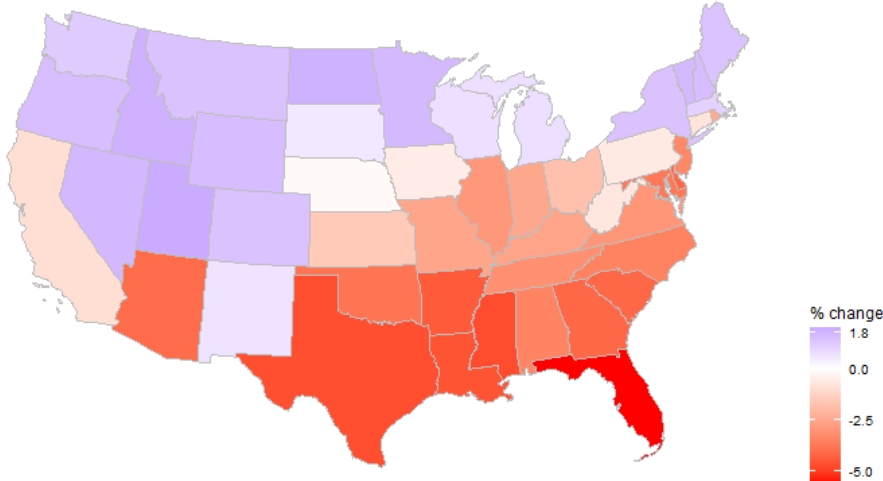
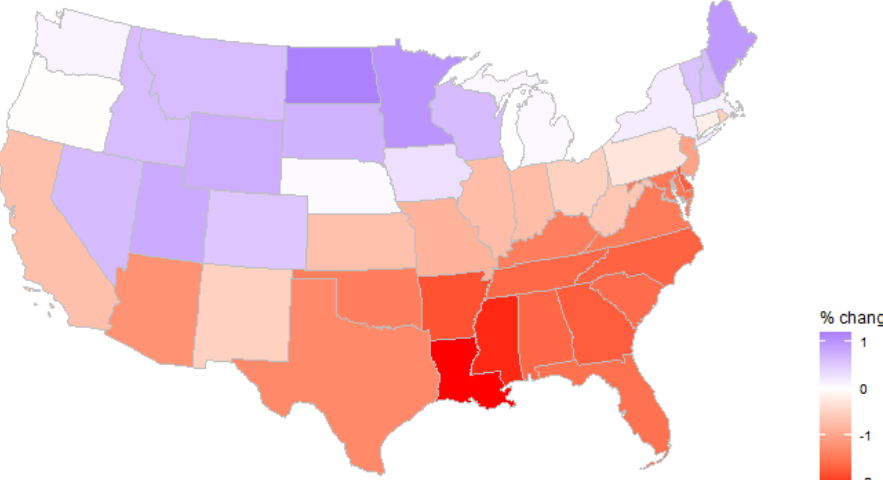


**Figure 2 Relationship between hog yields and THI**



**Figure 3 Relationship between chicken yields and THI**

Table 1 Projected change in livestock yields across states

Livestock Yields	Percentage change (comparing 2080 ~ 2100 average to 2021, averaged over 12 scenarios)					
	National Average	Top five states in milk production (2022)				
Milk Yield	<b>-0.08%</b>	CA	WI	ID	TX	NY
		-0.43%	0.5%	0.98%	-1.7%	0.58%
						
Figure 4 Percentage change in milk yield (comparing 2080~2100 to 2021)						
Cattle Slaughter Weight	National Average	Top five states in beef cow inventory (2022)				
	<b>-0.35%</b>	TX	OK	MO	NE	SD
		-1.32%	-1.43%	-0.86%	-0.05%	1.2%
						
Figure 5 Percentage change in cattle slaughter weight (comparing 2080~2100 to 2021)						





