

Population Health Metrics and Analytics (PHMA): A potential tool for the region

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FUTURE

PRESENT

PAST



Road view

Rear mirror view

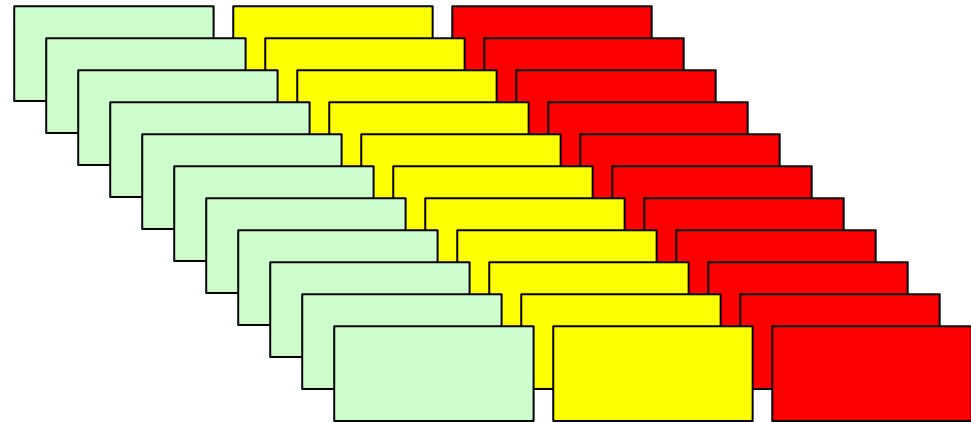
Dashboard view

Projection: traditional approach – GROUP BASED

2020 DM Prevalence
ETHNIC GROUPS

AGE GROUPS	
GENDER	

Incorporate other data:
Obesity
Dietary patterns
Genetic risk
Etc.



Projection: alternative approach – AGENT BASED SIMULATION

DM PREVALENCE 2010
ETHNIC GROUPS

		AGE GROUPS	
		AGE GROUPS	
		AGE GROUPS	
GENDER			

OBESITY PREVALENCE 2010
ETHNIC GROUPS

		AGE GROUPS	
		AGE GROUPS	
		AGE GROUPS	
GENDER			

	SNPs		
ETHNICITY			

