

# ***INNOVATIONS 2050:***

## **METROPOLITAN TRANSPORTATION PLAN**

### ***PHASE 1 PROGRESS REPORT***

***MAY 30, 2024 - 6PM***



[HTTPS://DOVERKENTMPO.DELAWARE.GOV/](https://DOVERKENTMPO.DELAWARE.GOV/)

# The Metropolitan Transportation Plan

- *WHAT IS IT?*
- *WHY IS IT IMPORTANT?*
- *WHAT DOES IT DO?*



## THE MTP VISION:



*The future transportation system in the Dover/Kent County Metropolitan Region is safe, resilient, and sustainable, supports economic development, allows easy access and mobility for all people and goods to reach their destinations, and serves desired growth patterns in a manner that is fair and just to all people and respectful of community character and our natural environment.*

# MAIN THEMES OF MTP:

- **THEME 1: *Enhanced Mobility – Network Continuity***
- **THEME 2: *Inter-Jurisdictional Coordination & Concurrency***
- **THEME 3: *Economic Vitality***
- **THEME 4: *Social Equity***
- **THEME 5: *Resiliency & Sustainability***
- **THEME 6: *User Experience***

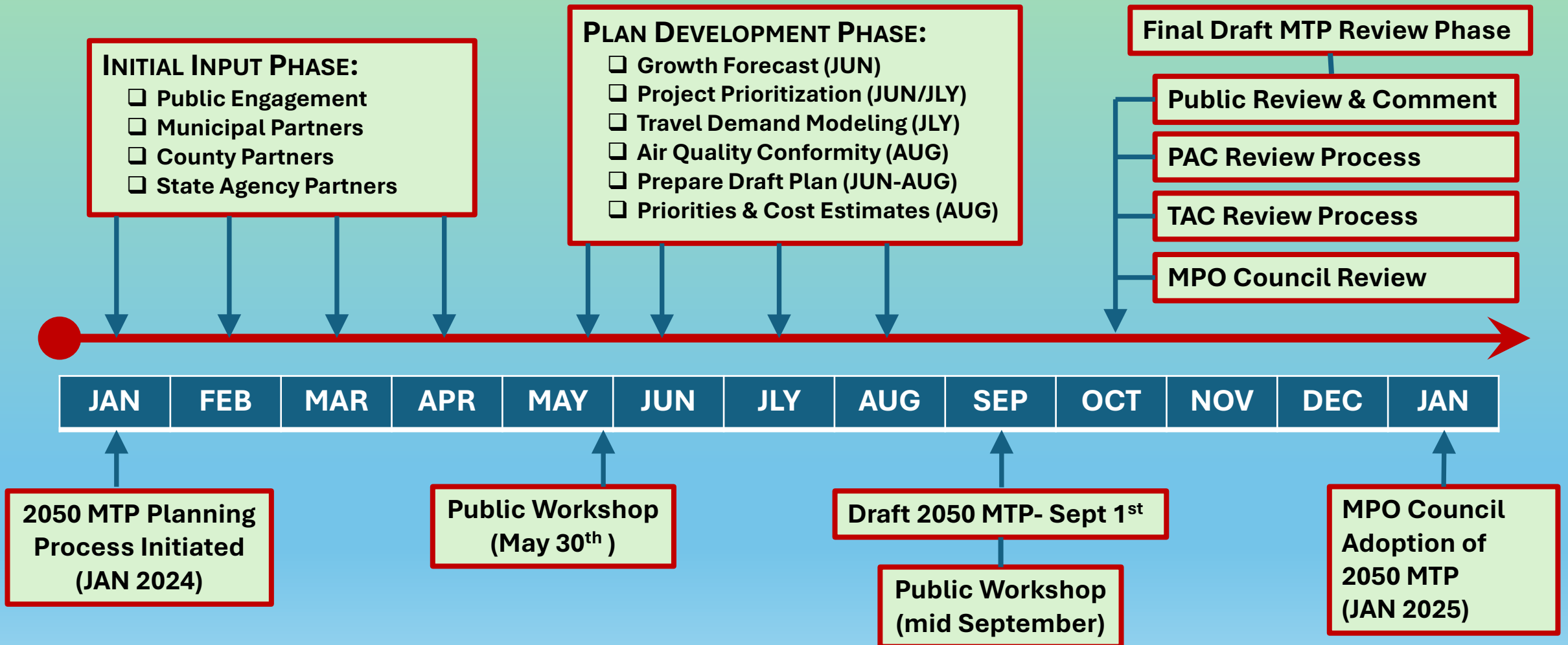


# KEY FEATURES OF THE MTP

- *PERFORMANCE MEASURES & TARGETS*
- *GROWTH FORECAST FOR THE COUNTY TO 2050*
- *TRAVEL DEMAND MODELING*
- *LIST OF PRIORITY PROJECTS & COST ESTIMATES*
- *AIR QUALITY CONFORMITY ANALYSIS*

# INNOVATIONS 2050

## 2024 Dover Kent MPO Metropolitan Transportation Plan



# Engagement with Municipal Partners

- *Individualized Meetings*
- *Emerging Issues & Concerns*
- *Aspirations for the Future*



# Engagement with County & State Officials

- *Emerging Suburban Areas*
- *Road Corridor Concerns & Deficiencies*
- *Pedestrian & Bicycle Facility Continuity*
- *Equitable Distribution of Investments*
- *Resilient & Sustainable Investments*



# Public Outreach - Results



## We had Outstanding Participation!

- 944 players of money game in person
- 36 respondents to the online survey
- 23 players of money game online

# Who played the Money Game?

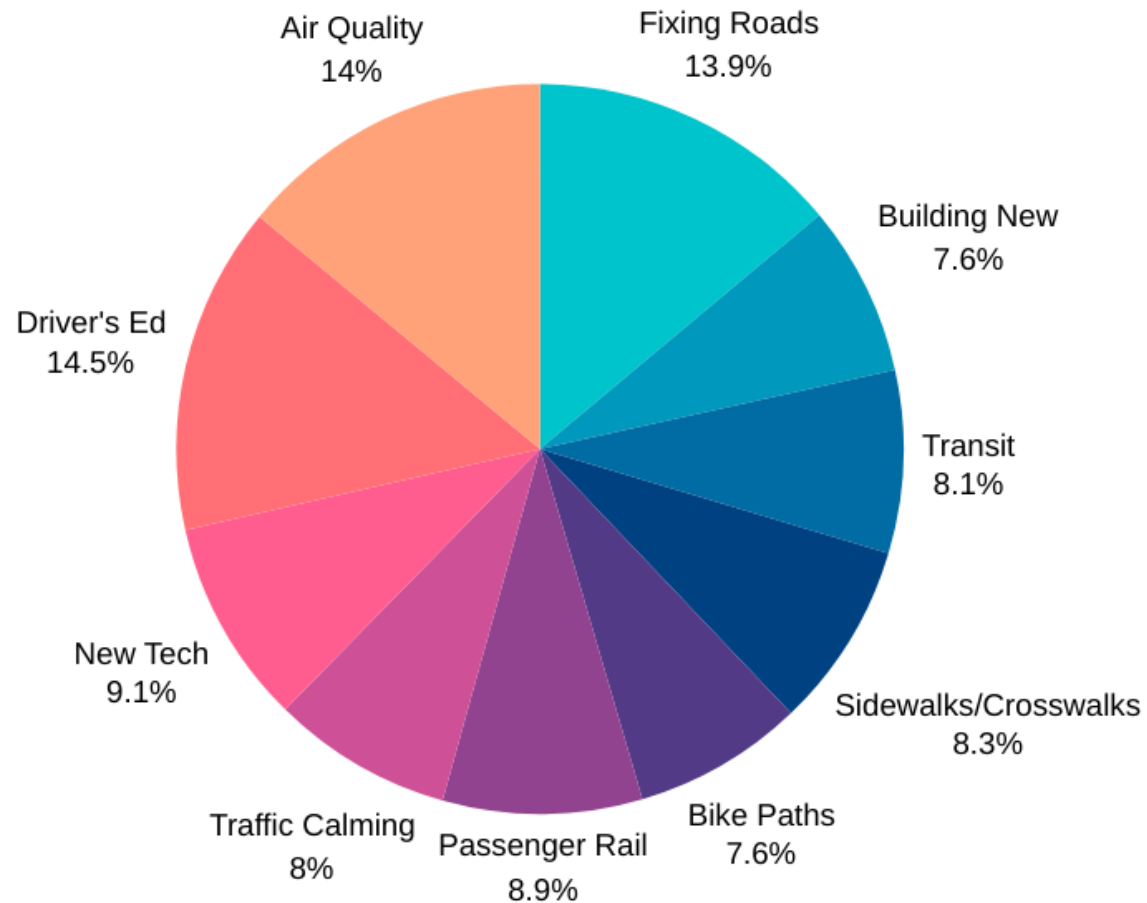


## All Age Groups - Many Communities:

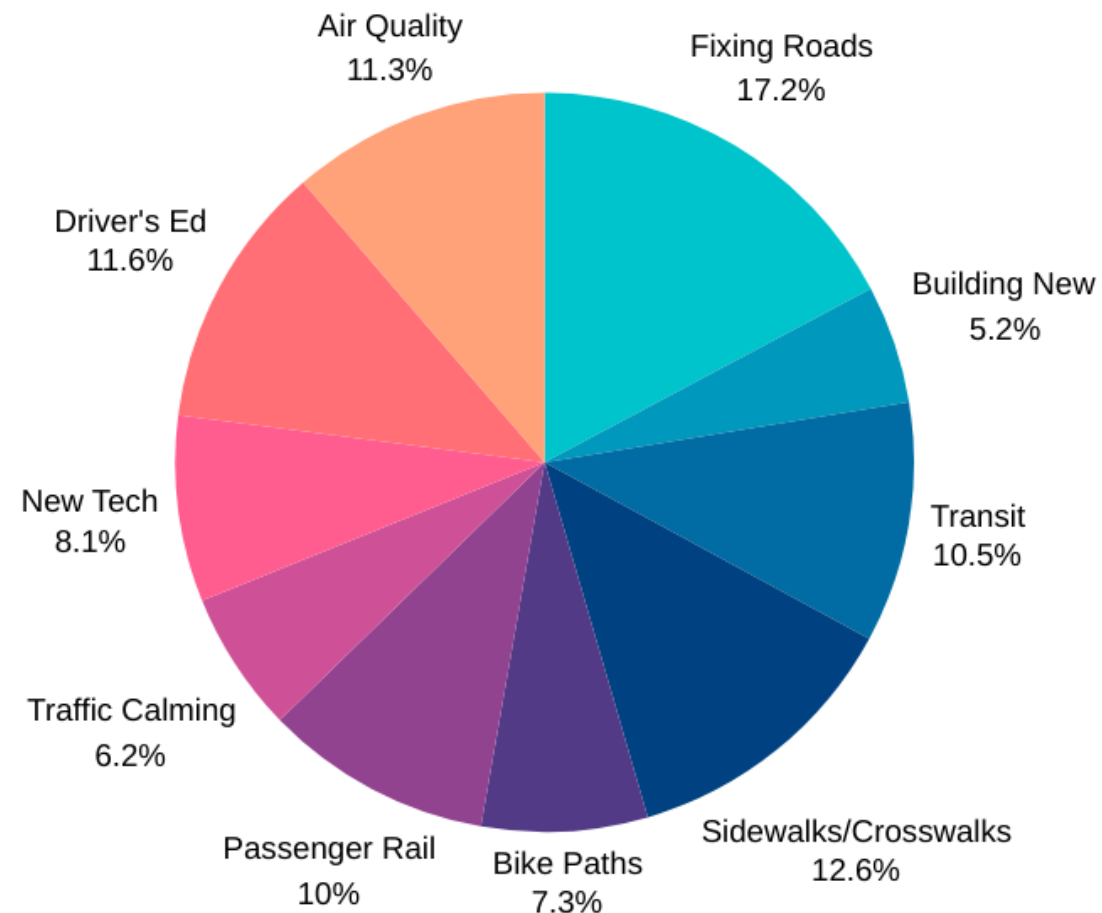
- 48% of all respondents were over the age of 55
- 32% of all respondents were 36-55 years old
- 15% of all respondents were 18-35 years old
- 14% of all respondents were under the age of 18
- 1% chose not to answer their age



# Community Preferences - Under 18 Years of Age

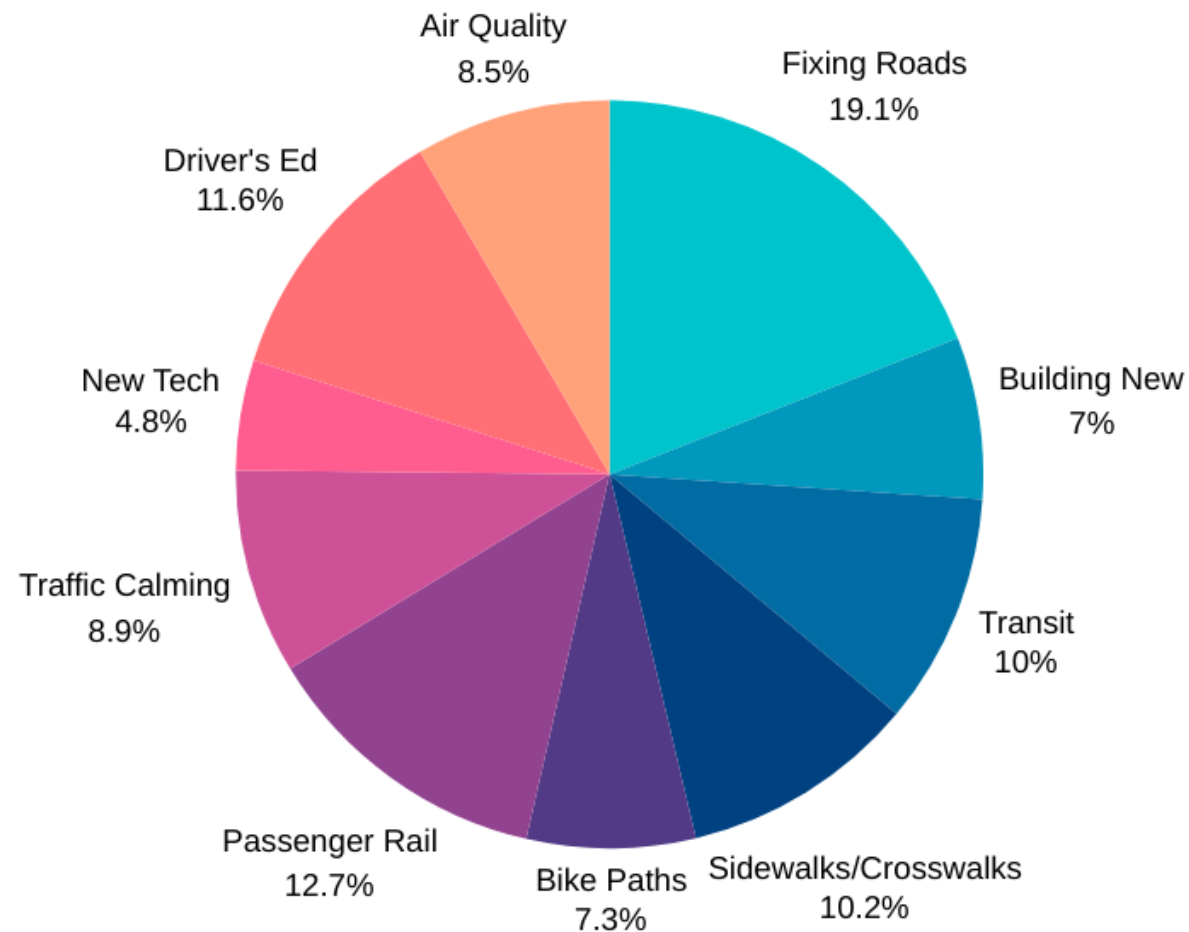


# Community Preferences - 18 - 35 Years of Age

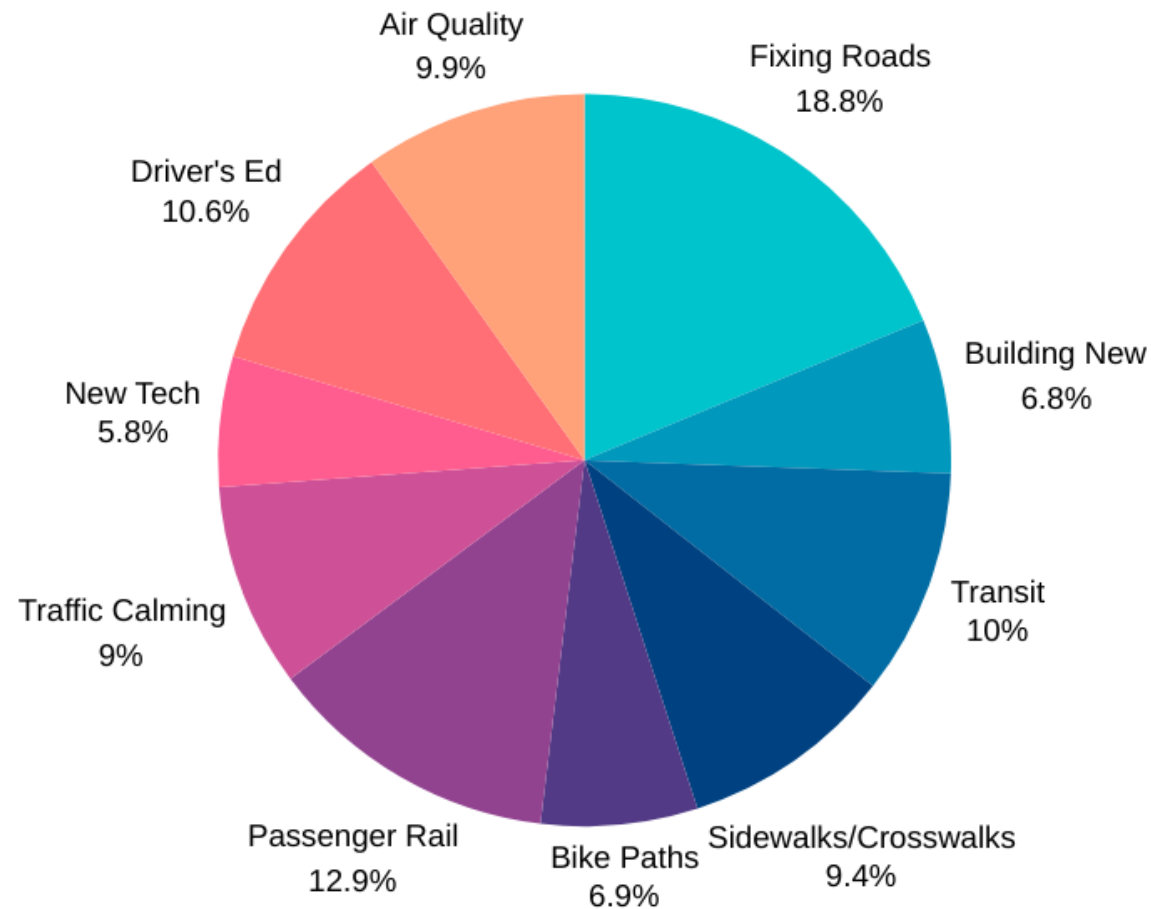




# Community Preferences - 36 - 55 Years of Age



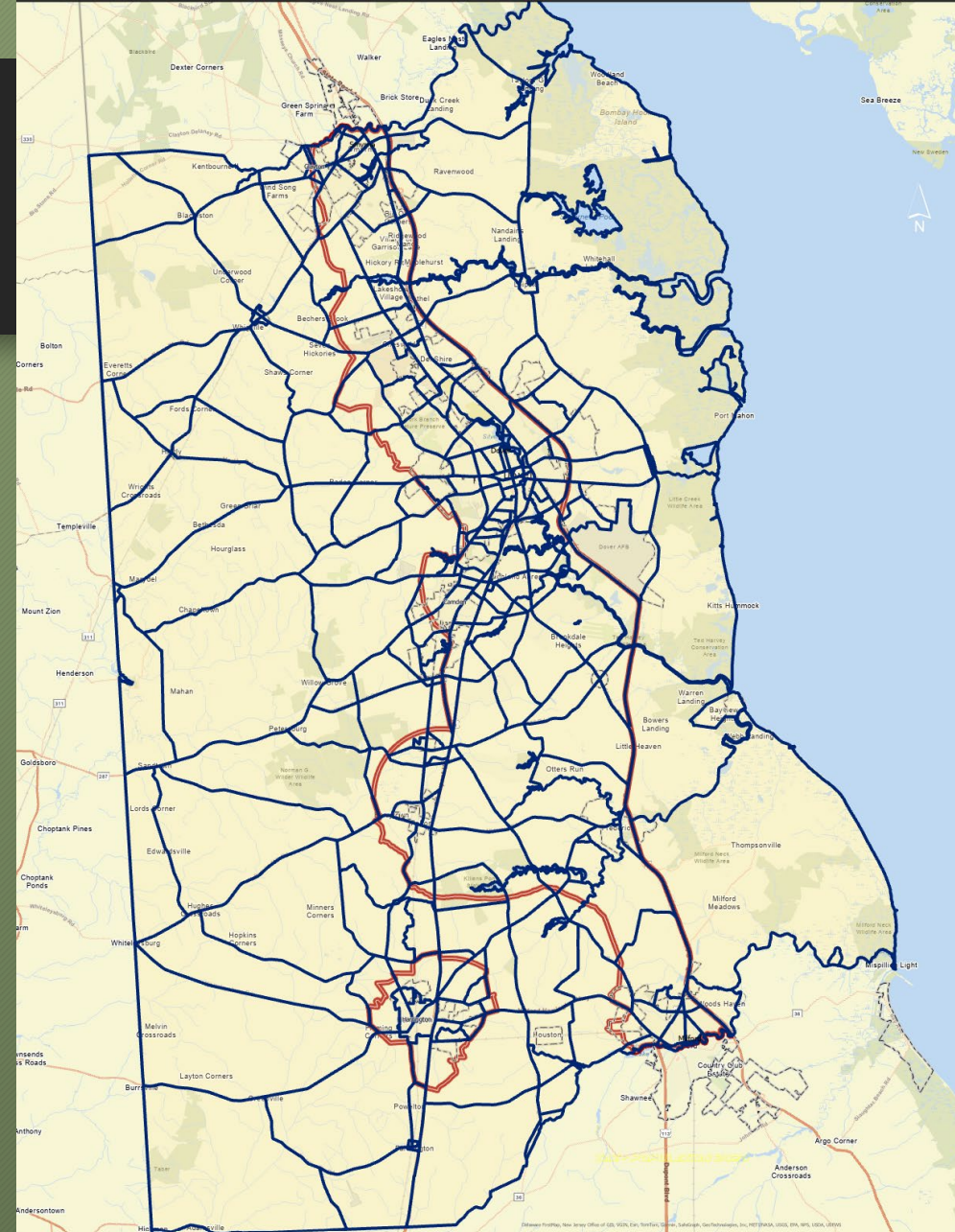
# Community Preferences - Over 55 Years of Age





# Regional Growth Forecast

- *25 Year Plan Horizon*
- *Traffic Analysis Zones (TAZ's)*
- *Projected Growth in Each TAZ:*
  - *Population*
  - *Number of Households*
  - *Employment*



# Kent County Growth Projections

## Control Totals

### DELAWARE POPULATION CONSORTIUM PROJECTIONS

Growth Metric	2020	2030	2040	2050	% Change
Population	181,497	196,709	205,139	211,150	16.3% &
Households	68,224	77,683	82,151	84,615	24.0% &
Employment	66,246	74,416	77,965	81,136	22.5% &



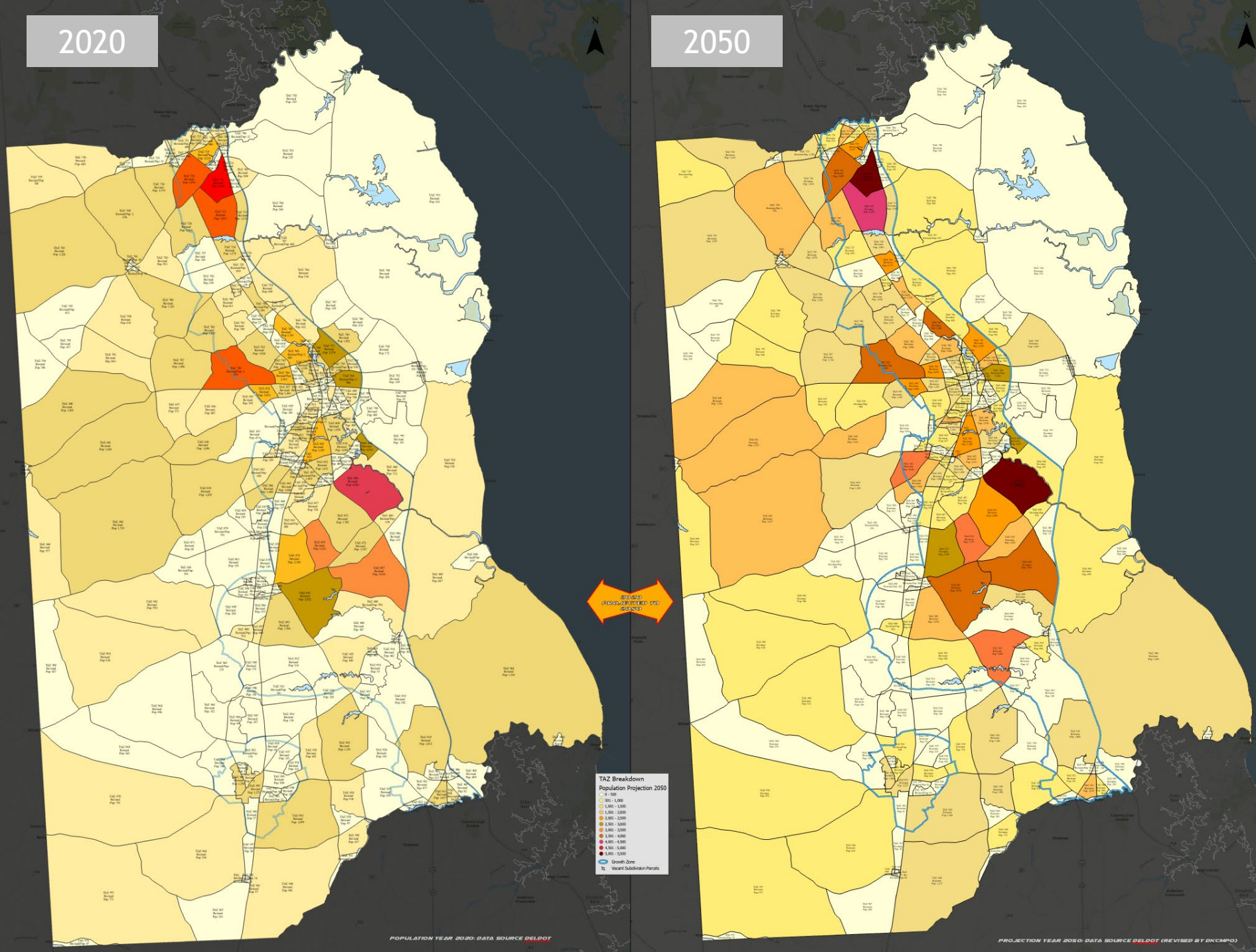
# POPULATION FORECAST

2020

2050

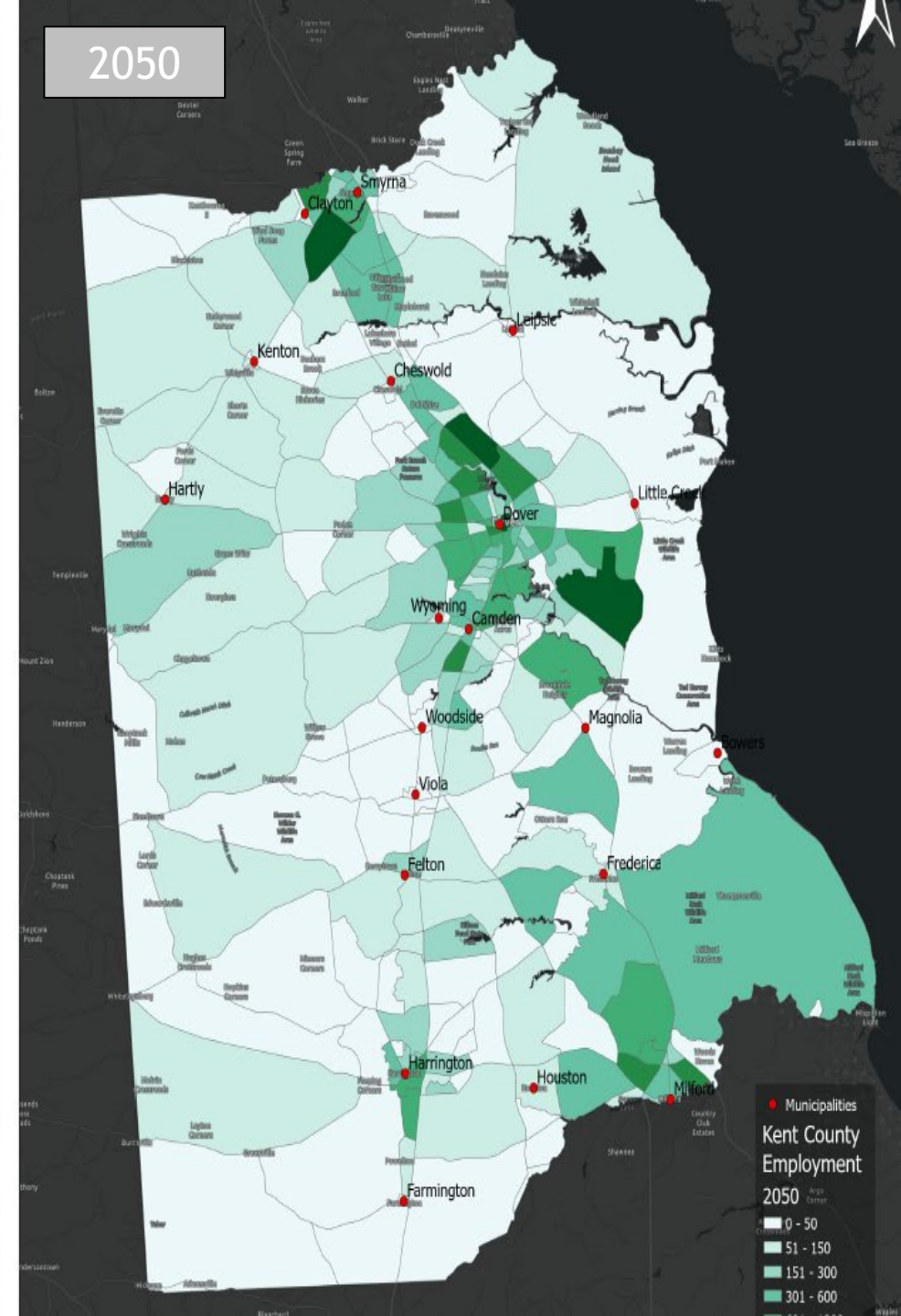
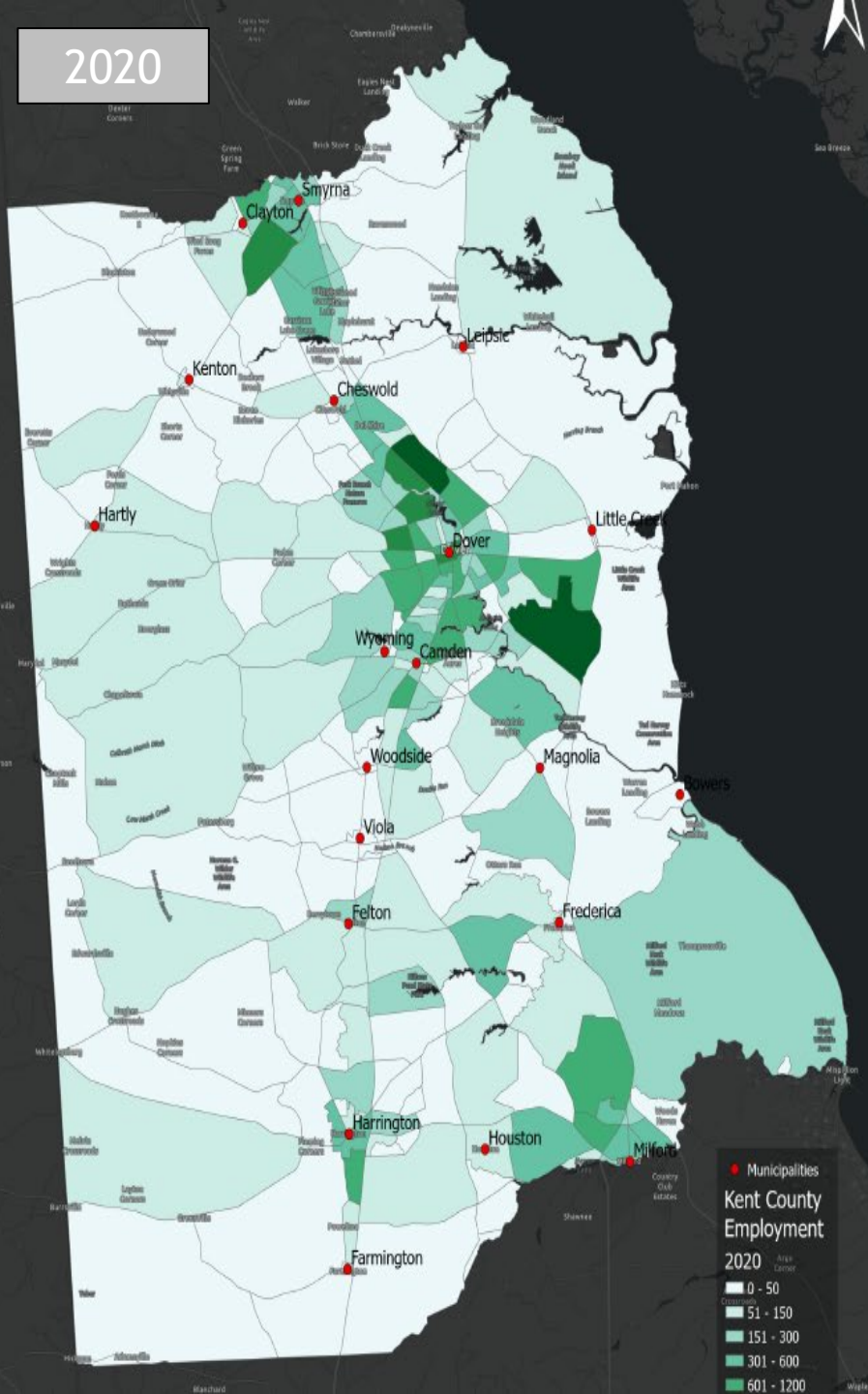
## TAZ Breakdown Population Projection 2050

- 0 - 500
- 501 - 1,000
- 1,001 - 1,500
- 1,501 - 2,000
- 2,001 - 2,500
- 2,501 - 3,000
- 3,001 - 3,500
- 3,501 - 4,000
- 4,001 - 4,500
- 4,501 - 5,000
- 5,001 - 5,500





# EMPLOYMENT FORECAST



# *INNOVATIONS 2050:*

## METROPOLITAN TRANSPORTATION PLAN

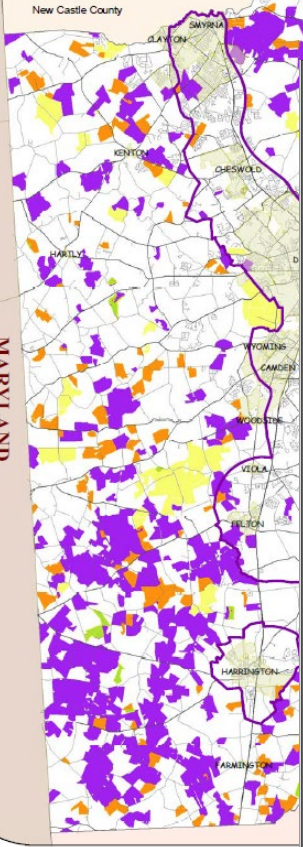
**NEW PLANNING ELEMENTS**





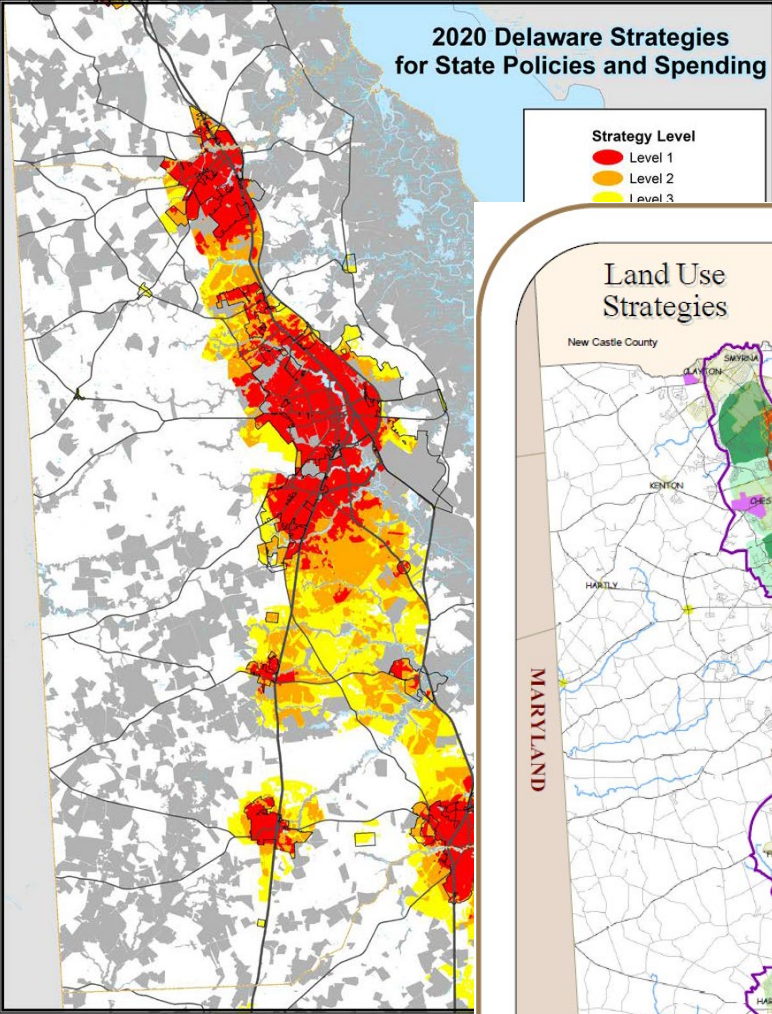


# Agricultural Preservation

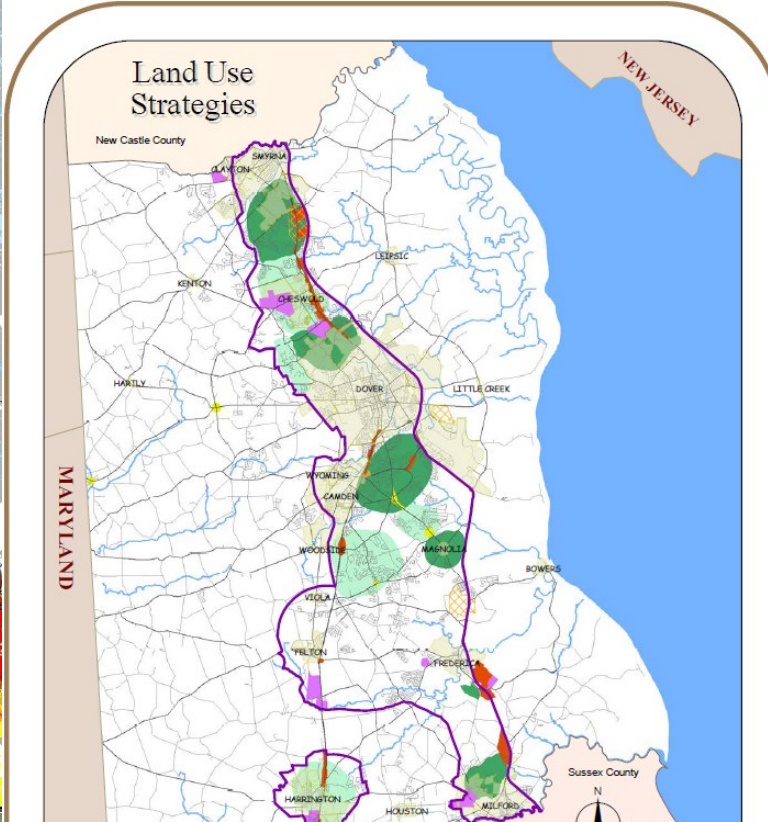


Kent County, DE 2018 Comprehensive Plan - Final Draft

# 2020 Delaware Strategies for State Policies and Spending

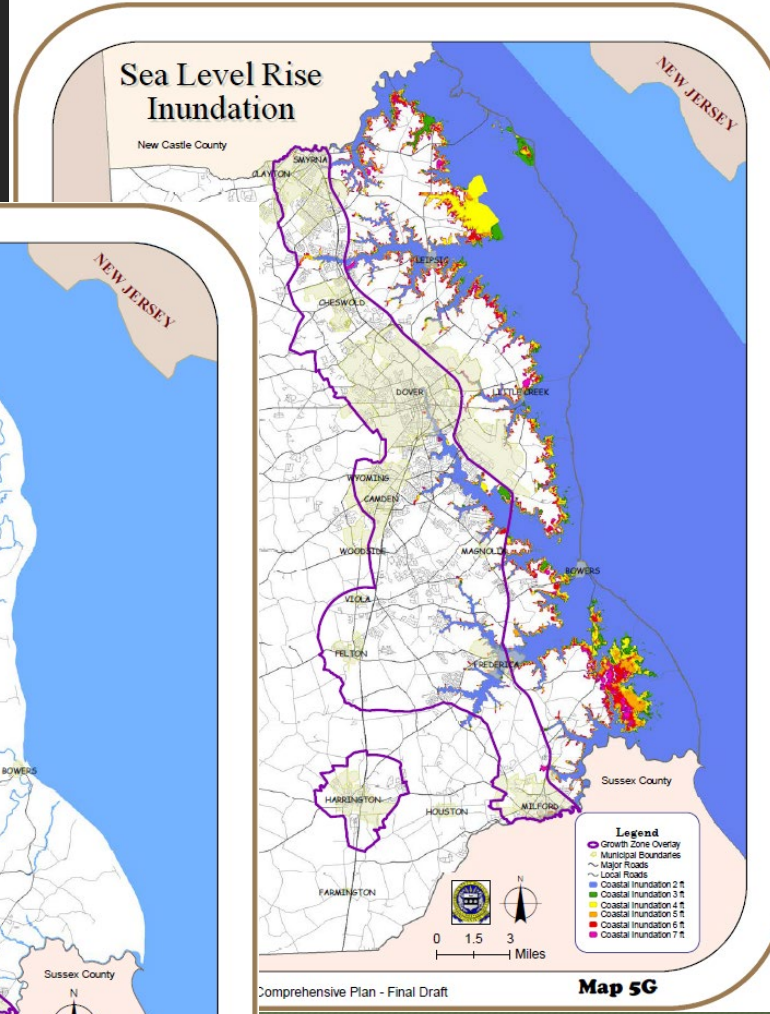


# Land Use Strategies

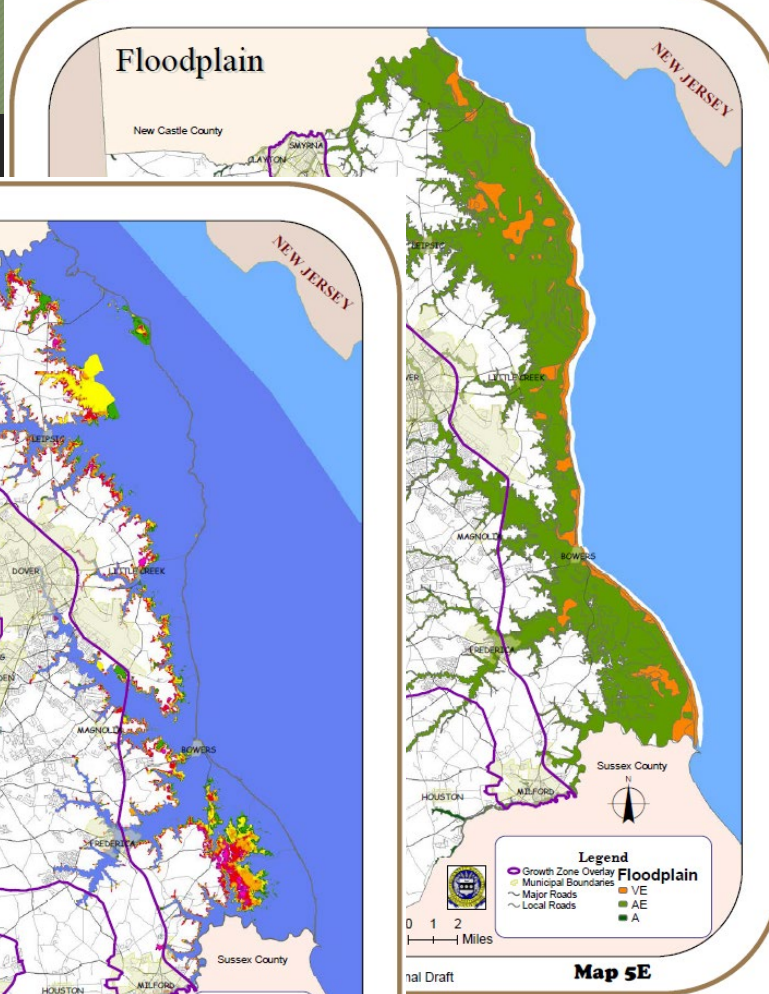


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# Sea Level Rise Inundation



# Floodplain



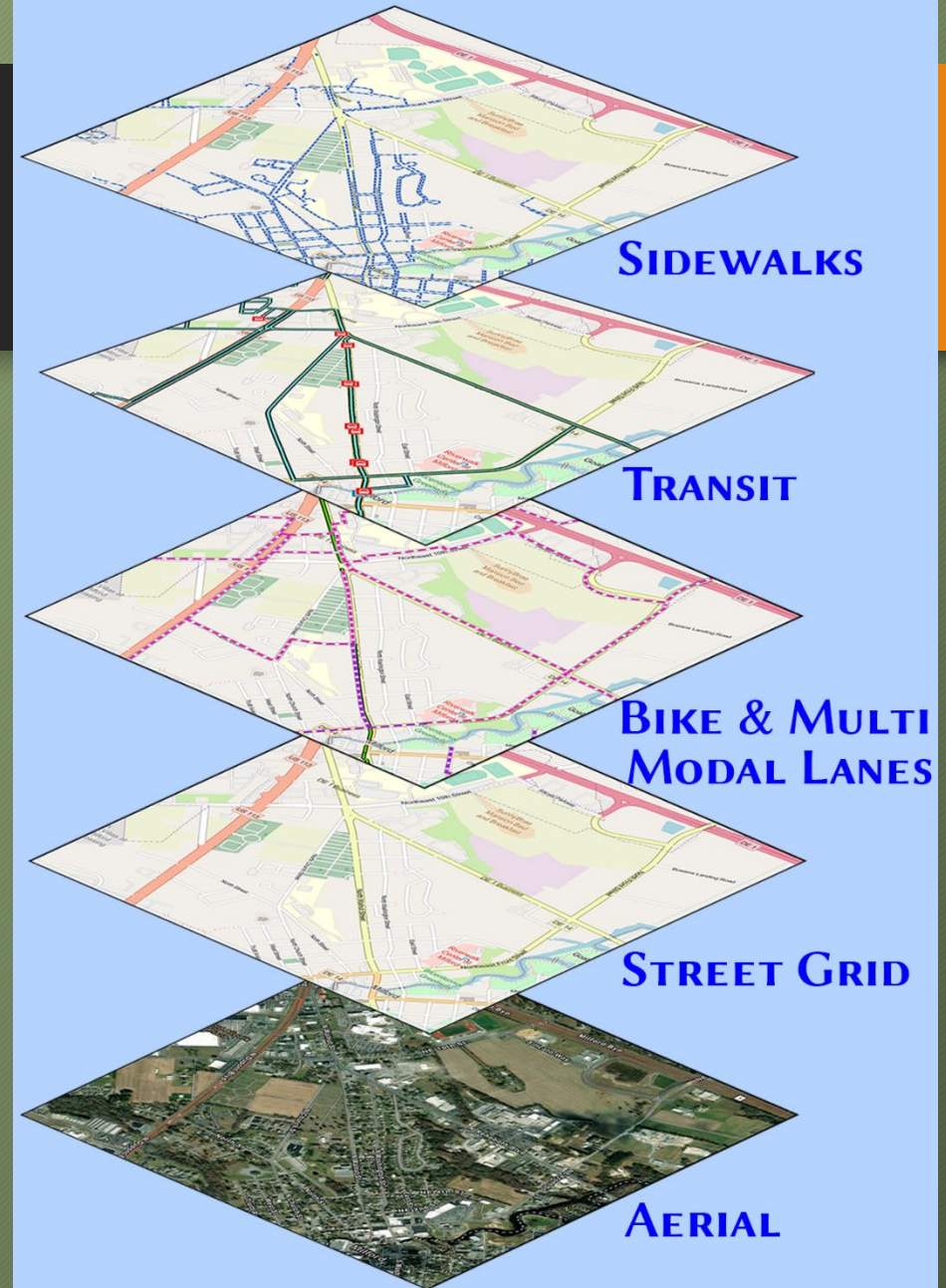
# TRANSPORTATION INVESTMENT AREAS

Map 7C



# LAYER ANALYSIS MODEL

- SEPARATION OF MODES
- STRENGTHS/DEFICIENCIES
- OPPORTUNITIES





# QUALITY LEVEL OF SERVICE (Q-LOS)

## THEME 6: The User Experience





# QUALITY LEVEL OF SERVICE (Q-LOS)



**OBJECTIVE:** Establish Metrics Focused on Improving Safety, Security, AND Visual Quality





# QUALITY LEVEL OF SERVICE (Q-LOS)

**GOAL :** *To incorporate Quality Level of Service features into Transportation Network Improvement Projects that yield a high level of user satisfaction and positive perceptions of user safety, security, and visual quality.*

# *INNOVATIONS 2050:*

## METROPOLITAN TRANSPORTATION PLAN

### *NEXT STEPS*





# THANK YOU!

## INNOVATIONS 2050

It's time for Dover Kent MPO's  
MTP and we need your help!



SCAN THE QR CODE TO  
GO TO AN  
INTERACTIVE VIDEO  
AND TAKE A QUICK  
SURVEY!

WE NEED YOUR THOUGHTS!

GET YOUR VOICE  
HEARD!

## GET YOUR VOICE HEARD!

## DOVER/KENT COUNTY MPO

METROPOLITAN PLANNING ORGANIZATION



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