

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light to dark, creating a modern, layered effect.

# **Small Area/ Seasonal Projections Progress Update**

**July 2024**

# Small Area / Seasonal Projections

- Continual Work in Progress
- More than population, houses and jobs
- TDM is Data Hungry!

## Delaware Statewide TDM

### Model Characteristics

- Trip Based Model
- Calibrated based on DTMS
- Multimodal (private vehicle and transit)
- Toll captured as a mode
- Truck Model
- Time of Day Model (AM, MD, PM, NT)
- Macroscopic (Aggregate) assignment

### Inputs

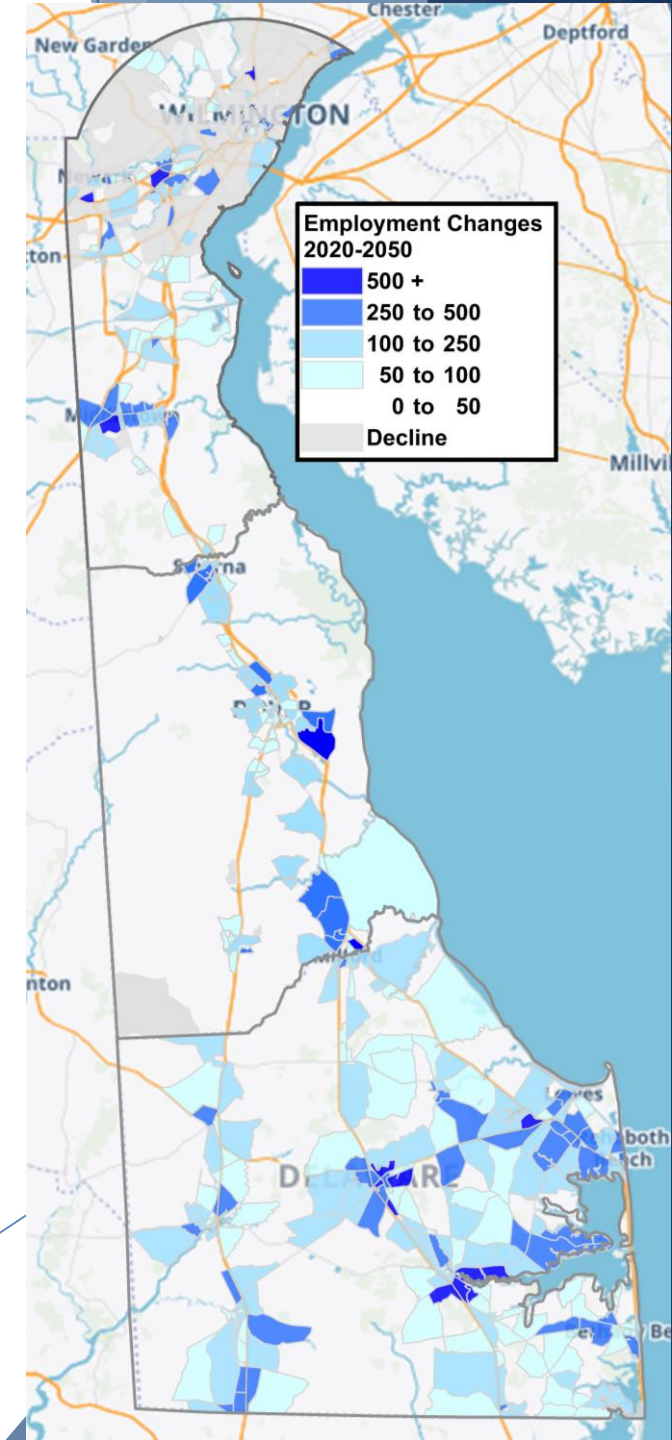
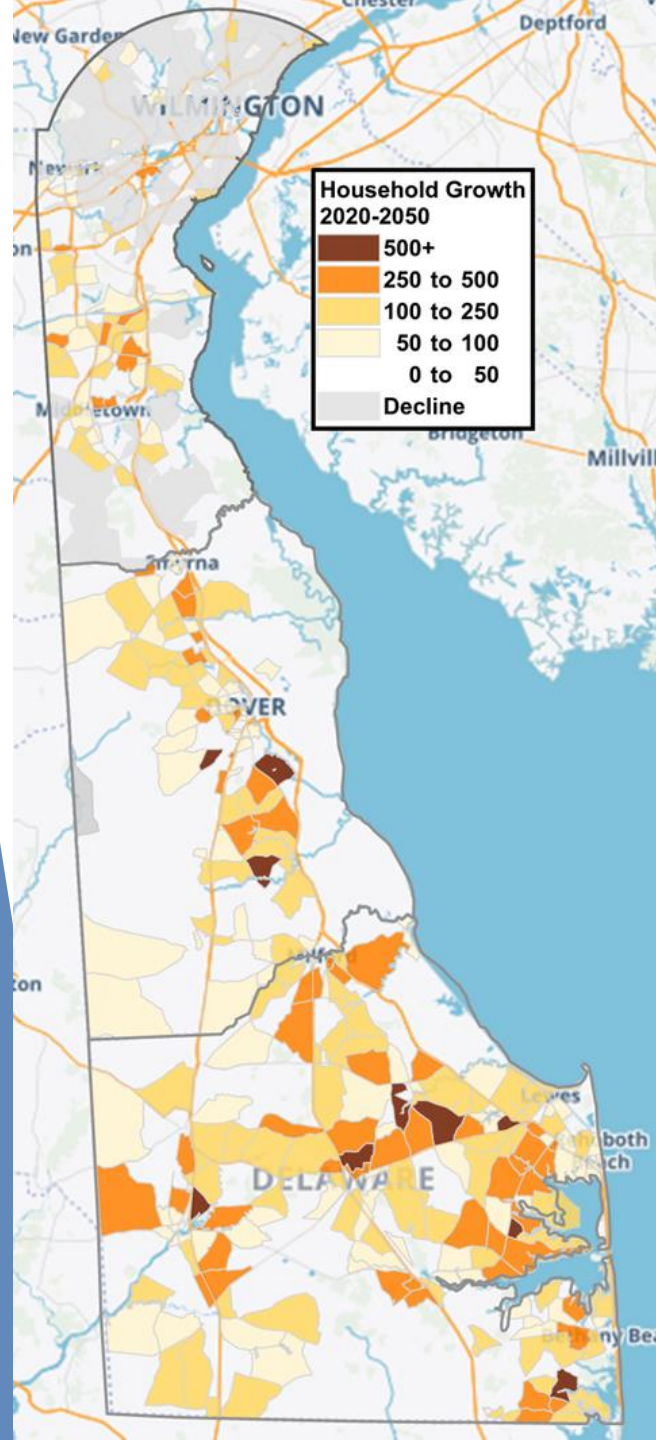
- Network (functional class, lanes, signals)
- Land Use (households, population, employment)
- External Demand

### Outputs

- Zone P's and A's
- Trips by Mode between TAZs
- Loaded Auto and Truck Trips
- Estimated Congested Travel Time

WRA

- 3 levels now used
- Data needed for a wide area
- Greater detail needed at lower levels
- All TAZs match DPC County totals, except for seasonal version
- Annual updates after DPC approval
- “Trend” projection, not necessarily a desired view



# Progression of Demographic Projections “Pyramid”

**Statewide**



**Countywide**



**Planning District**



**Transportation  
Analysis Zone**

**DPC  
Generated**

**DPC  
Special  
Tabulation**

# Progression of Demographic Projections “Pyramid”

**Statewide**



**Countywide**



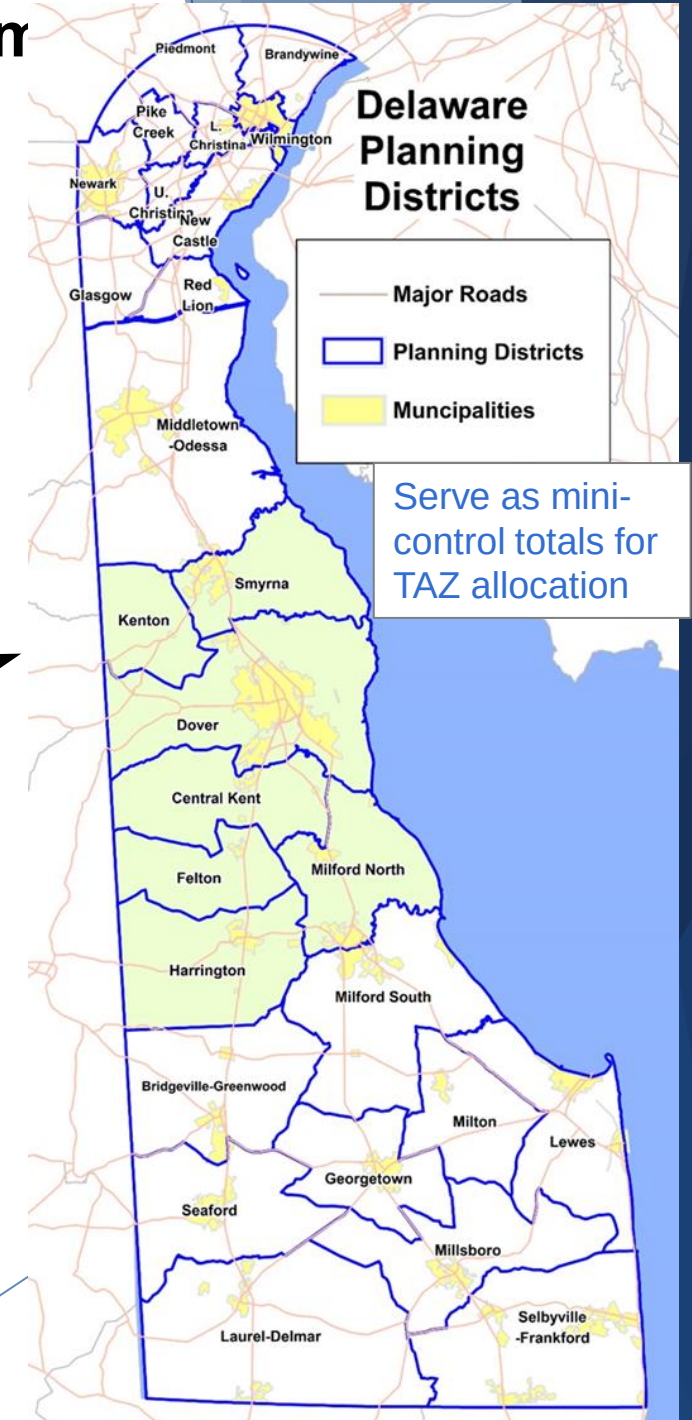
**Planning District**



**Transportation  
Analysis Zone**

**DPC  
Generated**

- Historical Trends
- Land Dev. Activity
- Growth Areas/Policies





# Progression of Demographic Projections “Pyramid”

**Statewide**



**Countywide**

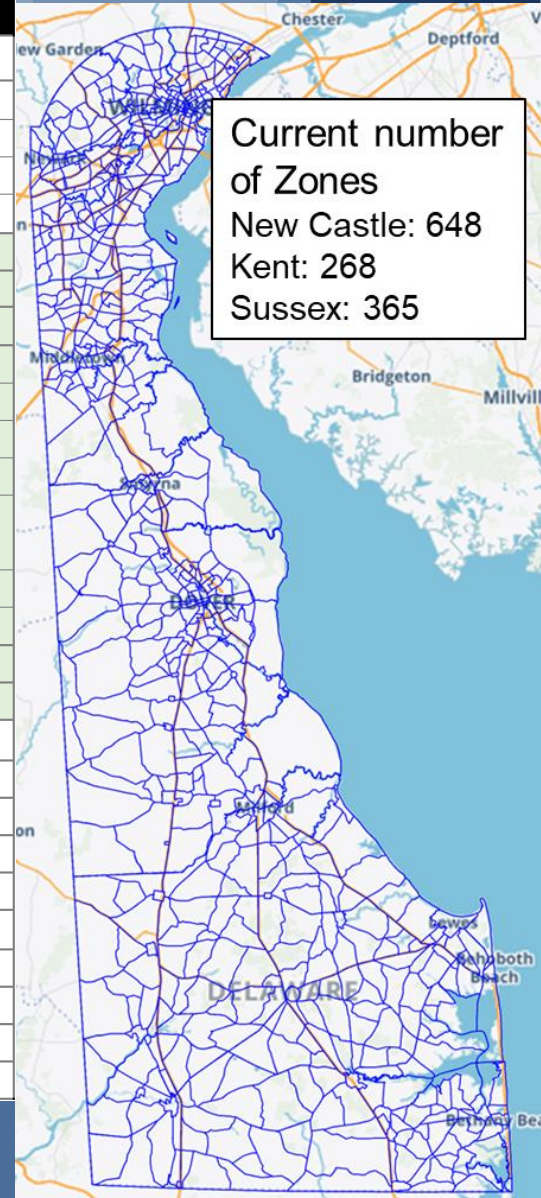


**Planning District**



**Transportation  
Analysis Zone**

|                      | Field                                                       |
|----------------------|-------------------------------------------------------------|
| General Information  | Total Occupied Households                                   |
|                      | Total Population <b>IN HOUSEHOLDS</b>                       |
|                      | Population per Household                                    |
|                      | Total Workers/Workers per HH                                |
|                      | Total Vehicles/ Vehicles per HH                             |
| Employment by Sector | Natural Resources & Mining 11, 21 NAICS                     |
|                      | Construction 23 NAICS Supersector                           |
|                      | Manufacturing 31-33 NAICS Supersectors                      |
|                      | Wholesale & Retail Trade 42,44-45 NAICS                     |
|                      | Transportation & Utilities 22,48-49 NAICS                   |
|                      | Information 51 NAICS Supersector                            |
|                      | Finance, Insurance and Real Estate 52-53 NAICS              |
|                      | Professional and Business Services 54-56 NAICS Supersectors |
|                      | Health and Education 61-62 NAICS Supersectors               |
|                      | Leisure & Hospitality 71-72 NAICS Supersectors              |
| Modal Splits         | Other Services 81 NAICS Supersector                         |
|                      | Public Administration 91-93 NAICS Supersectors              |
|                      | Total Institutional Group Quarter Population                |
|                      | Total non-Institutional Group Quarter Population            |
|                      | % of single occupant vehicles                               |
| Socio-economic       | % of carpoolers                                             |
|                      | % of public transit users                                   |
|                      | % of walkers/bikers                                         |
|                      | % of home workers                                           |
|                      | % of zero car households                                    |
|                      | % of populaiton over 65                                     |
|                      | Median HH income                                            |



# Points and Assumptions within 2024 Small Area Updates

- Institutional Population (non-trip generators)

| Kent              | Prison     | Juvenile  | Other     | Nursing    | Total      |
|-------------------|------------|-----------|-----------|------------|------------|
| Central Kent      | 0          | 0         | 0         | 0          | 0          |
| Dover             | 111        | 30        | 62        | 429        | 632        |
| Felton            | 0          | 0         | 0         | 0          | 0          |
| Harrington        | 0          | 0         | 0         | 0          | 0          |
| Kenton            | 0          | 0         | 0         | 0          | 0          |
| Milford North     | 0          | 12        | 0         | 63         | 75         |
| Smyrna            | 0          | 0         | 0         | 272        | 272        |
| <b>Kent Total</b> | <b>111</b> | <b>42</b> | <b>62</b> | <b>764</b> | <b>979</b> |

| New Castle        | Prison       | juvenile  | Other      | Nursing      | Total        |
|-------------------|--------------|-----------|------------|--------------|--------------|
| Brandywine        | 0            | 0         | 0          | 757          | 757          |
| Glasgow           | 0            | 0         | 0          | 0            | 0            |
| Lower Christiana  | 0            | 57        | 0          | 15           | 72           |
| Middletown-Odessa | 1,653        | 0         | 0          | 84           | 1,737        |
| Newark            | 8            | 0         | 0          | 266          | 274          |
| New Castle        | 305          | 0         | 128        | 77           | 510          |
| Piedmont          | 0            | 0         | 0          | 806          | 806          |
| Pike Creek        | 0            | 0         | 0          | 229          | 229          |
| Red Lion          | 0            | 0         | 11         | 12           | 23           |
| Upper Christiana  | 0            | 0         | 0          | 75           | 75           |
| Wilmington        | 1,424        | 15        | 0          | 426          | 1,865        |
| <b>NCC Total</b>  | <b>3,390</b> | <b>72</b> | <b>139</b> | <b>2,747</b> | <b>6,348</b> |

| Sussex                | Prison       | juvenile | Other     | Nursing      | Total        |
|-----------------------|--------------|----------|-----------|--------------|--------------|
| Bridgeville-Greenwood | 0            | 0        | 0         | 43           | 86           |
| Georgetown            | 1,300        | 0        | 54        | 77           | 2,862        |
| Laurel-Delmar         | 0            | 0        | 0         | 70           | 140          |
| Lewes                 | 0            | 0        | 0         | 219          | 438          |
| Milford South         | 0            | 0        | 0         | 174          | 348          |
| Millsboro             | 0            | 0        | 0         | 281          | 562          |
| Milton                | 0            | 0        | 0         | 0            | 0            |
| Seaford               | 0            | 0        | 0         | 210          | 420          |
| Selbyville-Frankford  | 0            | 0        | 0         | 0            | 0            |
| <b>Sussex Total</b>   | <b>1,300</b> | <b>0</b> | <b>54</b> | <b>1,074</b> | <b>4,856</b> |

# Points and Assumptions within 2024 Small Area Updates

- Institutional Population (non-trip generators)

| Kent              | Prison     | Juvenile  | Other     | Nursing    | Total      |
|-------------------|------------|-----------|-----------|------------|------------|
| Central Kent      | 0          | 0         | 0         | 0          | 0          |
| Dover             | 111        | 30        | 62        | 429        | 632        |
| Felton            | 0          | 0         | 0         | 0          | 0          |
| Harrington        | 0          | 0         | 0         | 0          | 0          |
| Kenton            | 0          | 0         | 0         | 0          | 0          |
| Milford North     | 0          | 12        | 0         | 63         | 75         |
| Smyrna            | 0          | 0         | 0         | 272        | 272        |
| <b>Kent Total</b> | <b>111</b> | <b>42</b> | <b>62</b> | <b>764</b> | <b>979</b> |

| New Castle        | Prison       | juvenile  | Other      | Nursing      | Total        |
|-------------------|--------------|-----------|------------|--------------|--------------|
| Brandywine        | 0            | 0         | 0          | 757          | 757          |
| Glasgow           | 0            | 0         | 0          | 0            | 0            |
| Lower Christiana  | 0            | 57        | 0          | 15           | 72           |
| Middletown-Odessa | 1,653        | 0         | 0          | 84           | 1,737        |
| Newark            | 8            | 0         | 0          | 266          | 274          |
| New Castle        | 305          | 0         | 128        | 77           | 510          |
| Piedmont          | 0            | 0         | 0          | 806          | 806          |
| Pike Creek        | 0            | 0         | 0          | 229          | 229          |
| Red Lion          | 0            | 0         | 11         | 12           | 23           |
| Upper Christiana  | 0            | 0         | 0          | 75           | 75           |
| Wilmington        | 1,424        | 15        | 0          | 426          | 1,865        |
| <b>NCC Total</b>  | <b>3,390</b> | <b>72</b> | <b>139</b> | <b>2,747</b> | <b>6,348</b> |

| Sussex                | Prison       | juvenile | Other     | Nursing      | Total        |
|-----------------------|--------------|----------|-----------|--------------|--------------|
| Bridgeville-Greenwood | 0            | 0        | 0         | 43           | 86           |
| Georgetown            | 1,300        | 0        | 54        | 77           | 2,862        |
| Laurel-Delmar         | 0            | 0        | 0         | 70           | 140          |
| Lewes                 | 0            | 0        | 0         | 219          | 438          |
| Milford South         | 0            | 0        | 0         | 174          | 348          |
| Millsboro             | 0            | 0        | 0         | 281          | 562          |
| Milton                | 0            | 0        | 0         | 0            | 0            |
| Seaford               | 0            | 0        | 0         | 210          | 420          |
| Selbyville-Frankford  | 0            | 0        | 0         | 0            | 0            |
| <b>Sussex Total</b>   | <b>1,300</b> | <b>0</b> | <b>54</b> | <b>1,074</b> | <b>4,856</b> |

# Points and Assumptions within 2024 Small Area Updates

## • Institutional Population (non-trip generators)

| Kent              | Prison     | Juvenile  | Other     | Nursing    | Total      |
|-------------------|------------|-----------|-----------|------------|------------|
| Central Kent      | 0          | 0         | 0         | 0          | 0          |
| Dover             | 111        | 30        | 62        | 429        | 632        |
| Felton            | 0          | 0         | 0         | 0          | 0          |
| Harrington        | 0          | 0         | 0         | 0          | 0          |
| Kenton            | 0          | 0         | 0         | 0          | 0          |
| Milford North     | 0          | 12        | 0         | 63         | 75         |
| Smyrna            | 0          | 0         | 0         | 272        | 272        |
| <b>Kent Total</b> | <b>111</b> | <b>42</b> | <b>62</b> | <b>764</b> | <b>979</b> |

| Kent           | 2020    | 2030    | 2040    | 2050    |
|----------------|---------|---------|---------|---------|
| Population     | 181,851 | 198,237 | 207,454 | 213,883 |
| 85+ Population | 3,093   | 5,513   | 8,222   | 9,781   |
|                | 1.7%    | 2.8%    | 4.0%    | 4.6%    |

Current:  $764/3,093 = 24\%$

| New Castle        | Prison       | juvenile  | Other      | Nursing      | Total        |
|-------------------|--------------|-----------|------------|--------------|--------------|
| Brandywine        | 0            | 0         | 0          | 757          | 757          |
| Glasgow           | 0            | 0         | 0          | 0            | 0            |
| Lower Christiana  | 0            | 57        | 0          | 15           | 72           |
| Middletown-Odessa | 1,653        | 0         | 0          | 84           | 1,737        |
| Newark            | 8            | 0         | 0          | 266          | 274          |
| New Castle        | 305          | 0         | 128        | 77           | 510          |
| Piedmont          | 0            | 0         | 0          | 806          | 806          |
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| Upper Christiana  | 0            | 0         | 0          | 75           | 75           |
| Wilmington        | 1,424        | 15        | 0          | 426          | 1,865        |
| <b>NCC Total</b>  | <b>3,390</b> | <b>72</b> | <b>139</b> | <b>2,747</b> | <b>6,348</b> |

| New Castle     | 2020    | 2030    | 2040    | 2050    |
|----------------|---------|---------|---------|---------|
| Population     | 570,719 | 595,892 | 602,742 | 592,561 |
| 85+ Population | 10,628  | 14,348  | 22,573  | 28,935  |
|                | 1.9%    | 2.4%    | 3.7%    | 4.9%    |

Current:  $2,747/10,528 = 25\%$

| Sussex                | Prison       | juvenile | Other     | Nursing      | Total        |
|-----------------------|--------------|----------|-----------|--------------|--------------|
| Bridgeville-Greenwood | 0            | 0        | 0         | 43           | 86           |
| Georgetown            | 1,300        | 0        | 54        | 77           | 2,862        |
| Laurel-Delmar         | 0            | 0        | 0         | 70           | 140          |
| Lewes                 | 0            | 0        | 0         | 219          | 438          |
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| Millsboro             | 0            | 0        | 0         | 281          | 562          |
| Milton                | 0            | 0        | 0         | 0            | 0            |
| Seaford               | 0            | 0        | 0         | 210          | 420          |
| Selbyville-Frankford  | 0            | 0        | 0         | 0            | 0            |
| <b>Sussex Total</b>   | <b>1,300</b> | <b>0</b> | <b>54</b> | <b>1,074</b> | <b>4,856</b> |

| Sussex         | 2020    | 2030    | 2040    | 2050    |
|----------------|---------|---------|---------|---------|
| Population     | 237,378 | 290,861 | 324,894 | 361,422 |
| 85+ Population | 5,711   | 14,218  | 26,737  | 26,099  |
|                | 2.4%    | 4.9%    | 8.2%    | 7.2%    |

Current:  $1,074 / 5,711 = 18\%$

### Assumptions:

- Most nursing home population is 85+, so use % of population as a growth factor
- Some may age in place with mobile assistance?
- Prison population constant



# Points and Assumptions within 2024 Small Area Updates

- Institutional Population (non-trip generators)

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| Central Kent      | 0          | 0         | 0         | 0          | 0          |
| Dover             | 111        | 30        | 62        | 429        | 632        |
| Felton            | 0          | 0         | 0         | 0          | 0          |
| Harrington        | 0          | 0         | 0         | 0          | 0          |
| Kenton            | 0          | 0         | 0         | 0          | 0          |
| Milford North     | 0          | 12        | 0         | 63         | 75         |
| Smyrna            | 0          | 0         | 0         | 272        | 272        |
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| Glasgow           | 0            | 0         | 0          | 0            | 0            |
| Lower Christiana  | 0            | 57        | 0          | 15           | 72           |
| Middletown-Odessa | 1,653        | 0         | 0          | 84           | 1,737        |
| Newark            | 8            | 0         | 0          | 266          | 274          |
| New Castle        | 305          | 0         | 128        | 77           | 510          |
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| Upper Christiana  | 0            | 0         | 0          | 75           | 75           |
| Wilmington        | 1,424        | 15        | 0          | 426          | 1,865        |
| <b>NCC Total</b>  | <b>3,390</b> | <b>72</b> | <b>139</b> | <b>2,747</b> | <b>6,348</b> |

| Sussex                | Prison       | juvenile | Other     | Nursing      | Total        |
|-----------------------|--------------|----------|-----------|--------------|--------------|
| Bridgeville-Greenwood | 0            | 0        | 0         | 43           | 86           |
| Georgetown            | 1,300        | 0        | 54        | 77           | 2,862        |
| Laurel-Delmar         | 0            | 0        | 0         | 70           | 140          |
| Lewes                 | 0            | 0        | 0         | 219          | 438          |
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| Millsboro             | 0            | 0        | 0         | 281          | 562          |
| Milton                | 0            | 0        | 0         | 0            | 0            |
| Seaford               | 0            | 0        | 0         | 210          | 420          |
| Selbyville-Frankford  | 0            | 0        | 0         | 0            | 0            |
| <b>Sussex Total</b>   | <b>1,300</b> | <b>0</b> | <b>54</b> | <b>1,074</b> | <b>4,856</b> |

| with Prison | with Prison  | with Prison  | with Prison  |
|-------------|--------------|--------------|--------------|
| 2020        | 2030         | 2040         | 2050         |
| 0           | 40           | 62           | 76           |
| 632         | 932          | 1,340        | 1,583        |
| 0           | 30           | 47           | 57           |
| 0           | 60           | 94           | 114          |
| 0           | 30           | 47           | 57           |
| 75          | 133          | 201          | 242          |
| 272         | 411          | 641          | 782          |
| <b>979</b>  | <b>1,636</b> | <b>2,432</b> | <b>2,912</b> |
| 0.5%        | 0.8%         | 1.2%         | 1.4%         |

| 2020         | 2030         | 2040         | 2050          |
|--------------|--------------|--------------|---------------|
| 757          | 859          | 1,147        | 1,275         |
| 0            | 182          | 350          | 496           |
| 72           | 218          | 382          | 519           |
| 1,737        | 1,798        | 1,967        | 2,101         |
| 274          | 372          | 659          | 904           |
| 510          | 538          | 796          | 1,096         |
| 806          | 854          | 1,139        | 1,265         |
| 229          | 304          | 551          | 733           |
| 23           | 37           | 77           | 148           |
| 75           | 103          | 225          | 329           |
| 1,865        | 2,123        | 2,567        | 2,989         |
| <b>6,348</b> | <b>7,388</b> | <b>9,860</b> | <b>11,856</b> |
| 1.1%         | 1.2%         | 1.6%         | 2.0%          |

| 2020         | 2030         | 2040         | 2050         |
|--------------|--------------|--------------|--------------|
| 43           | 121          | 264          | 344          |
| 1,431        | 1,571        | 1,827        | 1,969        |
| 70           | 197          | 430          | 559          |
| 219          | 538          | 1,172        | 1,524        |
| 174          | 380          | 828          | 1,076        |
| 281          | 792          | 1,477        | 1,921        |
| 0            | 145          | 316          | 411          |
| 210          | 442          | 964          | 1,253        |
| 0            | 194          | 673          | 875          |
| <b>2,428</b> | <b>4,381</b> | <b>7,952</b> | <b>9,932</b> |
| 1.0%         | 1.5%         | 2.4%         | 2.7%         |

|                 | 2020    | 2030    | 2040    | 2050    |
|-----------------|---------|---------|---------|---------|
| Kent Total Pop. | 181,851 | 198,237 | 207,454 | 213,883 |
| Kent HH Pop.    | 180,872 | 196,601 | 205,022 | 210,971 |
| Diff            | -979    | -1,636  | -2,432  | -2,912  |

|                | 2020    | 2030    | 2040    | 2050    |
|----------------|---------|---------|---------|---------|
| NCC Total Pop. | 570,719 | 595,892 | 602,742 | 592,561 |
| NCC HH Pop.    | 564,371 | 588,504 | 592,882 | 580,705 |
| Diff           | -6,348  | -7,388  | -9,860  | -11,856 |

|                   | 2020    | 2030    | 2040    | 2050    |
|-------------------|---------|---------|---------|---------|
| Sussex Total Pop. | 237,378 | 290,861 | 324,894 | 361,422 |
| Sussex HH Pop.    | 234,950 | 286,480 | 316,942 | 351,490 |
| Diff              | -2,428  | -4,381  | -7,952  | -9,932  |

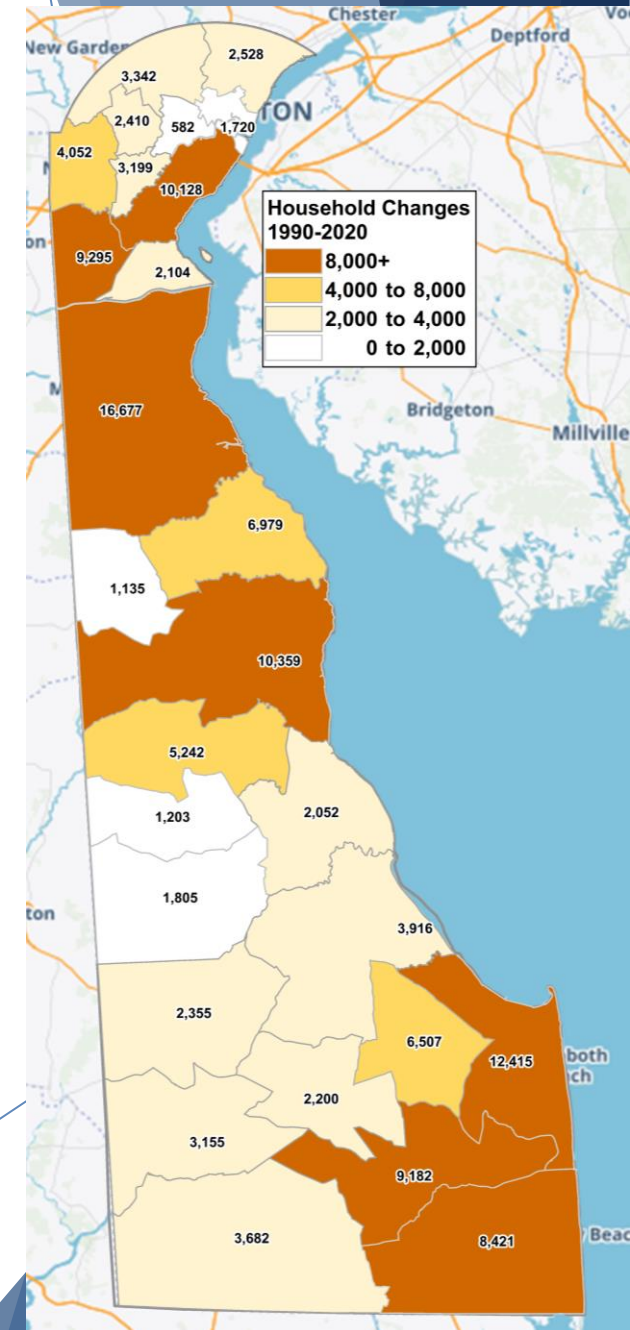
# Points and Assumptions within 2024 Small Area Updates

- Historical trends can be very helpful
- Both for totals and share of HH & population

| Households                  | Delaware Planning Districts: Household Growth |                |                |                |               |               |               |               |
|-----------------------------|-----------------------------------------------|----------------|----------------|----------------|---------------|---------------|---------------|---------------|
| New Castle County           | 1990 Census                                   | 2000 Census    | 2010 Census    | 2020 Census    | % Share 1990  | % Share 2000  | % Share 2010  | % Share 2020  |
| Brandywine                  | 31,337                                        | 32,292         | 32,131         | 33,865         | 19.2%         | 17.1%         | 15.9%         | 15.4%         |
| Glasgow                     | 6,140                                         | 11,316         | 14,375         | 15,435         | 3.8%          | 6.0%          | 7.1%          | 7.0%          |
| Greater Newark              | 20,215                                        | 23,151         | 24,080         | 24,267         | 12.4%         | 12.3%         | 11.9%         | 11.1%         |
| Lower Christiana            | 14,304                                        | 14,496         | 14,367         | 14,886         | 8.7%          | 7.7%          | 7.1%          | 6.8%          |
| Middletown-Odesa            | 5,881                                         | 9,549          | 16,516         | 22,558         | 3.6%          | 5.1%          | 8.1%          | 10.3%         |
| New Castle                  | 24,557                                        | 30,309         | 31,537         | 34,685         | 15.0%         | 16.0%         | 15.6%         | 15.8%         |
| Piedmont                    | 8,313                                         | 10,654         | 10,959         | 11,655         | 5.1%          | 5.6%          | 5.4%          | 5.3%          |
| Pike Creek-Central Kirkwood | 15,182                                        | 17,173         | 17,084         | 17,592         | 9.3%          | 9.1%          | 8.4%          | 8.0%          |
| Red Lion                    | 1,316                                         | 1,906          | 2,943          | 3,420          | 0.8%          | 1.0%          | 1.5%          | 1.6%          |
| Upper Christiana            | 7,841                                         | 9,472          | 10,076         | 11,040         | 4.8%          | 5.0%          | 5.0%          | 5.0%          |
| Wilmington                  | 28,444                                        | 28,617         | 28,615         | 30,164         | 17.4%         | 15.1%         | 14.1%         | 13.7%         |
| <b>Totals</b>               | <b>163,530</b>                                | <b>188,935</b> | <b>202,682</b> | <b>219,567</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>2023 DPC Controls</b>    |                                               |                |                | <b>219,939</b> |               |               |               |               |

| Kent County              | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | % Share 1990  | % Share 2000  | % Share 2010  | % Share 2020  |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Central Kent             | 5,598         | 6,522         | 9,147         | 10,840        | 14.1%         | 13.8%         | 15.2%         | 15.8%         |
| Dover                    | 21,006        | 24,835        | 28,934        | 31,365        | 53.0%         | 52.6%         | 48.0%         | 45.8%         |
| Felton                   | 1,761         | 2,059         | 2,751         | 2,964         | 4.4%          | 4.4%          | 4.6%          | 4.3%          |
| Harrington               | 3,318         | 3,876         | 4,828         | 5,123         | 8.4%          | 8.2%          | 8.0%          | 7.5%          |
| Kenton                   | 1,500         | 1,850         | 2,325         | 2,635         | 3.8%          | 3.9%          | 3.9%          | 3.9%          |
| Milford North            | 2,684         | 3,570         | 4,055         | 4,736         | 6.8%          | 7.6%          | 6.7%          | 6.9%          |
| Smyrna                   | 3,788         | 4,512         | 8,238         | 10,767        | 9.6%          | 9.6%          | 13.7%         | 15.7%         |
| <b>Totals</b>            | <b>39,655</b> | <b>47,224</b> | <b>60,278</b> | <b>68,430</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>2023 DPC Controls</b> |               |               |               | <b>68,554</b> |               |               |               |               |

| Sussex County            | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | % Share 1990  | % Share 2000  | % Share 2010  | % Share 2020  |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bridgeville - Greenwood  | 2,537         | 3,468         | 4,382         | 4,892         | 5.4%          | 5.5%          | 5.5%          | 5.0%          |
| Georgetown               | 2,728         | 3,514         | 4,320         | 4,928         | 5.8%          | 5.6%          | 5.4%          | 5.0%          |
| Laurel - Delmar          | 5,607         | 7,772         | 8,690         | 9,289         | 12.0%         | 12.4%         | 10.9%         | 9.4%          |
| Lewes                    | 6,093         | 10,128        | 14,243        | 18,508        | 13.1%         | 16.2%         | 17.9%         | 18.8%         |
| Milford South            | 5,122         | 6,170         | 7,913         | 9,038         | 11.0%         | 9.9%          | 10.0%         | 9.2%          |
| Millsboro                | 5,158         | 8,222         | 10,886        | 14,340        | 11.0%         | 13.1%         | 13.7%         | 14.6%         |
| Milton                   | 2,949         | 4,312         | 6,010         | 9,456         | 6.3%          | 6.9%          | 7.6%          | 9.6%          |
| Seaford                  | 6,954         | 8,464         | 9,421         | 10,109        | 14.9%         | 13.5%         | 11.9%         | 10.3%         |
| Selbyville - Frankford   | 9,533         | 10,527        | 13,503        | 17,954        | 20.4%         | 16.8%         | 17.0%         | 18.2%         |
| <b>Totals</b>            | <b>46,681</b> | <b>62,577</b> | <b>79,368</b> | <b>98,514</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>2023 DPC Controls</b> |               |               |               | <b>99,614</b> |               |               |               |               |



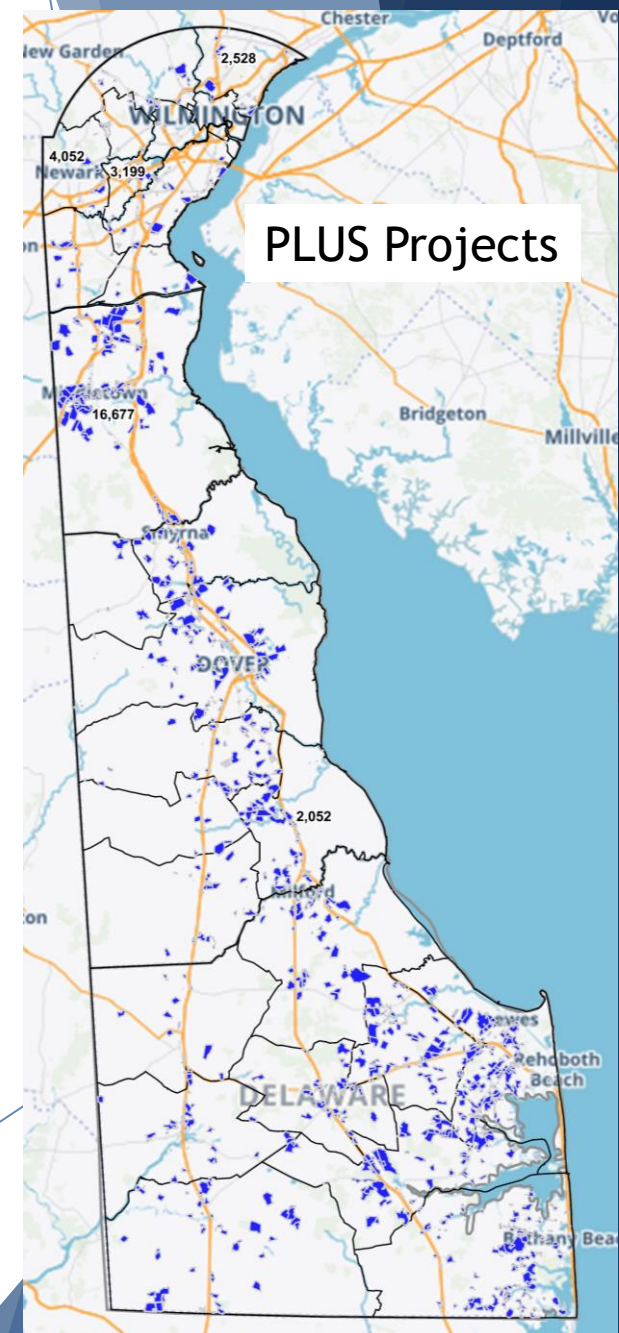
# Points and Assumptions within 2024 Small Area Updates

- Historical trends can be very helpful
- Both for totals and share of HH & population
- “Sanity check”
- Development plans are a guide, not a given

| Households                   | Delaware Planning Districts: Household Growth |             |             |             |  |              |              |              |              |              |              |              |
|------------------------------|-----------------------------------------------|-------------|-------------|-------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| New Castle County            | 1990 Census                                   | 2000 Census | 2010 Census | 2020 Census |  | % Share 1990 | % Share 2000 | % Share 2010 | % Share 2020 | % Share 2030 | % Share 2040 | % Share 2050 |
| Brandywine                   | 31,337                                        | 32,292      | 32,131      | 33,865      |  | 19.2%        | 17.1%        | 15.9%        | 15.4%        | 15.0%        | 14.6%        | 14.3%        |
| Glasgow                      | 6,140                                         | 11,316      | 14,375      | 15,435      |  | 3.8%         | 6.0%         | 7.1%         | 7.0%         | 7.5%         | 7.5%         | 7.5%         |
| Greater Newark               | 20,215                                        | 23,151      | 24,080      | 24,267      |  | 12.4%        | 12.3%        | 11.9%        | 11.1%        | 11.1%        | 11.3%        | 11.3%        |
| Lower Christiana             | 14,304                                        | 14,496      | 14,367      | 14,886      |  | 8.7%         | 7.7%         | 7.1%         | 6.8%         | 6.5%         | 6.4%         | 6.3%         |
| Middletown-Odessa            | 5,881                                         | 9,549       | 16,516      | 22,558      |  | 3.6%         | 5.1%         | 8.1%         | 10.3%        | 11.5%        | 12.1%        | 12.7%        |
| New Castle                   | 24,557                                        | 30,309      | 31,537      | 34,685      |  | 15.0%        | 16.0%        | 15.6%        | 15.8%        | 15.6%        | 15.5%        | 15.5%        |
| Piedmont                     | 8,313                                         | 10,654      | 10,959      | 11,655      |  | 5.1%         | 5.6%         | 5.4%         | 5.3%         | 5.2%         | 5.1%         | 5.0%         |
| Pike Creek-Central Kirkw ood | 15,182                                        | 17,173      | 17,084      | 17,592      |  | 9.3%         | 9.1%         | 8.4%         | 8.0%         | 7.8%         | 7.7%         | 7.6%         |
| Red Lion                     | 1,316                                         | 1,906       | 2,943       | 3,420       |  | 0.8%         | 1.0%         | 1.5%         | 1.6%         | 1.6%         | 1.7%         | 1.8%         |
| Upper Christiana             | 7,841                                         | 9,472       | 10,076      | 11,040      |  | 4.8%         | 5.0%         | 5.0%         | 5.0%         | 4.9%         | 4.9%         | 4.8%         |
| Wilmington                   | 28,444                                        | 28,617      | 28,615      | 30,164      |  | 17.4%        | 15.1%        | 14.1%        | 13.7%        | 13.2%        | 13.2%        | 13.1%        |
| Totals                       | 163,530                                       | 188,935     | 202,682     | 219,567     |  | 100.0%       | 100.0%       | 100.0%       | 100.0%       | 100.0%       | 100.0%       | 100.0%       |
| 2023 DPC Controls            |                                               |             |             | 219,939     |  |              |              |              |              |              |              |              |

| Kent County              | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | % Share 1990  | % Share 2000  | % Share 2010  | % Share 2020  | % Share 2030  | % Share 2040  | % Share 2050  |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Central Kent             | 5,598         | 6,522         | 9,147         | 10,840        | 14.1%         | 13.8%         | 15.2%         | 15.8%         | 15.3%         | 14.9%         | 15.9%         |
| Dover                    | 21,006        | 24,835        | 28,934        | 31,365        | 53.0%         | 52.6%         | 48.0%         | 45.8%         | 45.8%         | 45.6%         | 43.4%         |
| Felton                   | 1,761         | 2,059         | 2,751         | 2,964         | 4.4%          | 4.4%          | 4.6%          | 4.3%          | 4.5%          | 4.7%          | 4.9%          |
| Harrington               | 3,318         | 3,876         | 4,828         | 5,123         | 8.4%          | 8.2%          | 8.0%          | 7.5%          | 8.1%          | 8.7%          | 8.6%          |
| Kenton                   | 1,500         | 1,850         | 2,325         | 2,635         | 3.8%          | 3.9%          | 3.9%          | 3.9%          | 4.0%          | 4.4%          | 4.4%          |
| Milford North            | 2,684         | 3,570         | 4,055         | 4,736         | 6.8%          | 7.6%          | 6.7%          | 6.9%          | 7.0%          | 7.1%          | 7.7%          |
| Smyrna                   | 3,788         | 4,512         | 8,238         | 10,767        | 9.6%          | 9.6%          | 13.7%         | 15.7%         | 15.3%         | 14.5%         | 15.1%         |
| <b>Totals</b>            | <b>39,655</b> | <b>47,224</b> | <b>60,278</b> | <b>68,430</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>2023 DPC Controls</b> |               |               |               | <b>68,554</b> |               |               |               |               |               |               |               |

| Sussex County            | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | % Share 1990  | % Share 2000  | % Share 2010  | % Share 2020  | % Share 2030  | % Share 2040  | % Share 2050  |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Bridgeville - Greenwood  | 2,537         | 3,468         | 4,382         | 4,892         | 5.4%          | 5.5%          | 5.5%          | 5.0%          | 4.8%          | 4.6%          | 4.6%          |
| Georgetown               | 2,728         | 3,514         | 4,320         | 4,928         | 5.8%          | 5.6%          | 5.4%          | 5.0%          | 5.5%          | 6.6%          | 6.5%          |
| Laurel - Delmar          | 5,607         | 7,772         | 8,690         | 9,289         | 12.0%         | 12.4%         | 10.9%         | 9.4%          | 9.2%          | 9.2%          | 8.9%          |
| Lewes                    | 6,093         | 10,128        | 14,243        | 18,508        | 13.1%         | 16.2%         | 17.9%         | 18.8%         | 18.3%         | 17.6%         | 17.3%         |
| Milford South            | 5,122         | 6,170         | 7,913         | 9,038         | 11.0%         | 9.9%          | 10.0%         | 9.2%          | 9.7%          | 10.9%         | 10.6%         |
| Millsboro                | 5,158         | 8,222         | 10,886        | 14,340        | 11.0%         | 13.1%         | 13.7%         | 14.6%         | 14.3%         | 13.8%         | 14.1%         |
| Milton                   | 2,949         | 4,312         | 6,010         | 9,456         | 6.3%          | 6.9%          | 7.6%          | 9.6%          | 9.8%          | 9.5%          | 10.5%         |
| Seaford                  | 6,954         | 8,464         | 9,421         | 10,109        | 14.9%         | 13.5%         | 11.9%         | 10.3%         | 10.2%         | 10.3%         | 10.2%         |
| Selbyville - Frankford   | 9,533         | 10,527        | 13,503        | 17,954        | 20.4%         | 16.8%         | 17.0%         | 18.2%         | 18.0%         | 17.5%         | 17.3%         |
| <b>Totals</b>            | <b>46,681</b> | <b>62,577</b> | <b>79,368</b> | <b>98,514</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> | <b>100.0%</b> |
| <b>2023 DPC Controls</b> |               |               |               | <b>99,614</b> |               |               |               |               |               |               |               |





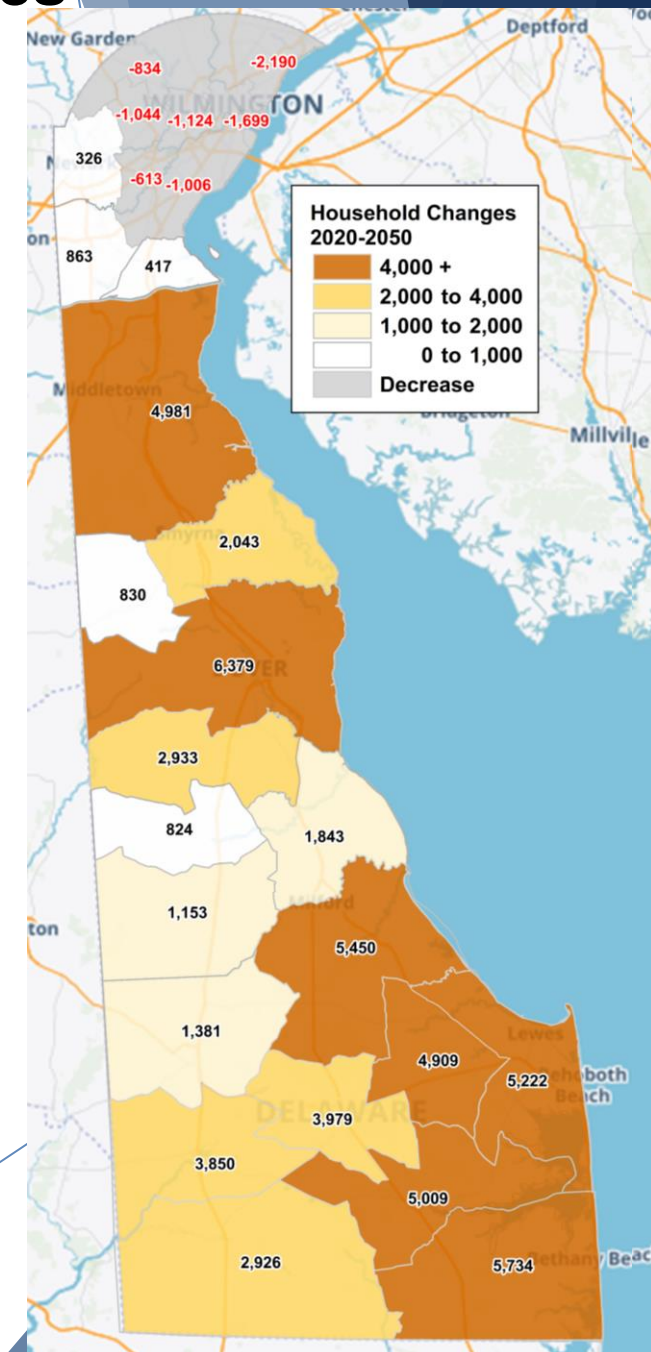
# Points and Assumptions within 2024 Small Area Updates

- Historical trends can be very helpful
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| Households                  | Delaware Planning Districts: Household Growth |                |                |                |                |                |                |                  |
|-----------------------------|-----------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| New Castle County           | 1990 Census                                   | 2000 Census    | 2010 Census    | 2020 Census    | 2030 DPC       | 2040 DPC       | 2050 DPC       | Change 2020-2050 |
| Brandywine                  | 31,337                                        | 32,292         | 32,131         | 33,865         | 34,281         | 32,869         | 31,675         | -2,190           |
| Glasgow                     | 6,140                                         | 11,316         | 14,375         | 15,435         | 17,095         | 17,004         | 16,298         | 863              |
| Greater Newark              | 20,215                                        | 23,151         | 24,080         | 24,267         | 25,393         | 25,391         | 24,593         | 326              |
| Lower Christiana            | 14,304                                        | 14,496         | 14,367         | 14,886         | 14,970         | 14,528         | 13,762         | -1,124           |
| Middletown-Odessa           | 5,881                                         | 9,549          | 16,516         | 22,558         | 26,414         | 27,334         | 27,539         | 4,981            |
| New Castle                  | 24,557                                        | 30,309         | 31,537         | 34,685         | 35,835         | 34,902         | 33,679         | -1,006           |
| Piedmont                    | 8,313                                         | 10,654         | 10,959         | 11,655         | 11,898         | 11,561         | 10,821         | -834             |
| Pike Creek-Central Kirkwood | 15,182                                        | 17,173         | 17,084         | 17,592         | 17,826         | 17,468         | 16,548         | -1,044           |
| Red Lion                    | 1,316                                         | 1,906          | 2,943          | 3,420          | 3,708          | 3,824          | 3,837          | 417              |
| Upper Christiana            | 7,841                                         | 9,472          | 10,076         | 11,040         | 11,256         | 10,996         | 10,427         | -613             |
| Wilmington                  | 28,444                                        | 28,617         | 28,615         | 30,164         | 30,314         | 29,728         | 28,465         | -1,699           |
| <b>Totals</b>               | <b>163,530</b>                                | <b>188,935</b> | <b>202,682</b> | <b>219,567</b> | <b>228,990</b> | <b>225,606</b> | <b>217,644</b> | <b>-1,923</b>    |
| <b>2023 DPC Controls</b>    |                                               |                |                | <b>219,939</b> | <b>228,990</b> | <b>225,606</b> | <b>217,644</b> |                  |

| Kent County              | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | 2030 DPC      | 2040 DPC      | 2050 DPC      | Change 2020-2050 |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Central Kent             | 5,598         | 6,522         | 9,147         | 10,840        | 12,123        | 12,543        | 13,773        | 2,933            |
| Dover                    | 21,006        | 24,835        | 28,934        | 31,365        | 35,956        | 37,916        | 37,744        | 6,379            |
| Felton                   | 1,761         | 2,059         | 2,751         | 2,964         | 3,302         | 3,597         | 3,788         | 824              |
| Harrington               | 3,318         | 3,876         | 4,828         | 5,123         | 5,664         | 6,081         | 6,276         | 1,153            |
| Kenton                   | 1,500         | 1,850         | 2,325         | 2,635         | 3,014         | 3,332         | 3,465         | 830              |
| Milford North            | 2,684         | 3,570         | 4,055         | 4,736         | 5,510         | 6,262         | 6,579         | 1,843            |
| Smyrna                   | 3,788         | 4,512         | 8,238         | 10,767        | 11,908        | 12,061        | 12,810        | 2,043            |
| <b>Totals</b>            | <b>39,655</b> | <b>47,224</b> | <b>60,278</b> | <b>68,430</b> | <b>77,477</b> | <b>81,792</b> | <b>84,435</b> | <b>16,005</b>    |
| <b>2023 DPC Controls</b> |               |               |               | <b>68,554</b> | <b>77,688</b> | <b>82,069</b> | <b>84,617</b> |                  |

| Sussex County            | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | 2030 DPC       | 2040 DPC       | 2050 DPC       | Change 2020-2050 |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|------------------|
| Bridgeville - Greenwood  | 2,537         | 3,468         | 4,382         | 4,892         | 5,898          | 6,114          | 6,273          | 1,381            |
| Georgetown               | 2,728         | 3,514         | 4,320         | 4,928         | 6,726          | 8,732          | 8,907          | 3,979            |
| Laurel - Delmar          | 5,607         | 7,772         | 8,690         | 9,289         | 11,202         | 12,155         | 12,215         | 2,926            |
| Lewes                    | 6,093         | 10,128        | 14,243        | 18,508        | 22,315         | 23,143         | 23,730         | 5,222            |
| Milford South            | 5,122         | 6,170         | 7,913         | 9,038         | 11,812         | 14,299         | 14,488         | 5,450            |
| Millsboro                | 5,158         | 8,222         | 10,886        | 14,340        | 17,355         | 18,144         | 19,349         | 5,009            |
| Milton                   | 2,949         | 4,312         | 6,010         | 9,456         | 11,917         | 12,450         | 14,365         | 4,909            |
| Seaford                  | 6,954         | 8,464         | 9,421         | 10,109        | 12,457         | 13,521         | 13,959         | 3,850            |
| Selbyville - Frankford   | 9,533         | 10,527        | 13,503        | 17,954        | 21,955         | 23,061         | 23,688         | 5,734            |
| <b>Totals</b>            | <b>46,681</b> | <b>62,577</b> | <b>79,368</b> | <b>99,414</b> | <b>121,637</b> | <b>131,620</b> | <b>136,975</b> | <b>38,461</b>    |
| <b>2023 DPC Controls</b> |               |               |               | <b>99,614</b> | <b>121,641</b> | <b>131,620</b> | <b>136,975</b> |                  |



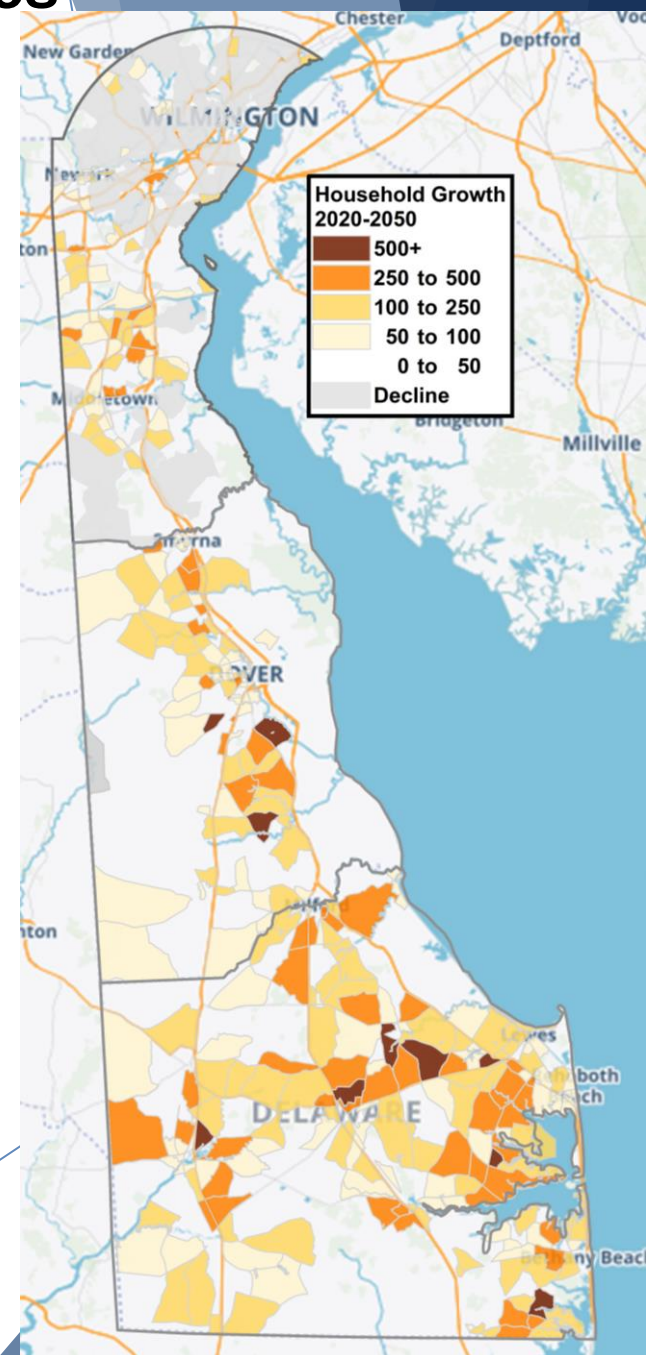
# Points and Assumptions within 2024 Small Area Updates

- Historical trends can be very helpful
- Both for totals and share of HH & population
- “Sanity check”
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| Households                  | Delaware Planning Districts: Household Growth |                |                |                |                |                |                |                  |
|-----------------------------|-----------------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|
| New Castle County           | 1990 Census                                   | 2000 Census    | 2010 Census    | 2020 Census    | 2030 DPC       | 2040 DPC       | 2050 DPC       | Change 2020-2050 |
| Brandywine                  | 31,337                                        | 32,292         | 32,131         | 33,865         | 34,281         | 32,869         | 31,675         | -2,190           |
| Glasgow                     | 6,140                                         | 11,316         | 14,375         | 15,435         | 17,095         | 17,004         | 16,298         | 863              |
| Greater Newark              | 20,215                                        | 23,151         | 24,080         | 24,267         | 25,393         | 25,391         | 24,593         | 326              |
| Lower Christiana            | 14,304                                        | 14,496         | 14,367         | 14,886         | 14,970         | 14,528         | 13,762         | -1,124           |
| Middletown-Odesa            | 5,881                                         | 9,549          | 16,516         | 22,558         | 26,414         | 27,334         | 27,539         | 4,981            |
| New Castle                  | 24,557                                        | 30,309         | 31,537         | 34,685         | 35,835         | 34,902         | 33,679         | -1,006           |
| Piedmont                    | 8,313                                         | 10,654         | 10,959         | 11,655         | 11,898         | 11,561         | 10,821         | -834             |
| Pike Creek-Central Kirkwood | 15,182                                        | 17,173         | 17,084         | 17,592         | 17,826         | 17,468         | 16,548         | -1,044           |
| Red Lion                    | 1,316                                         | 1,906          | 2,943          | 3,420          | 3,708          | 3,824          | 3,837          | 417              |
| Upper Christiana            | 7,841                                         | 9,472          | 10,076         | 11,040         | 11,256         | 10,996         | 10,427         | -613             |
| Wilmington                  | 28,444                                        | 28,617         | 28,615         | 30,164         | 30,314         | 29,728         | 28,465         | -1,699           |
| <b>Totals</b>               | <b>163,530</b>                                | <b>188,935</b> | <b>202,682</b> | <b>219,567</b> | <b>228,990</b> | <b>225,606</b> | <b>217,644</b> | <b>-1,923</b>    |
| <b>2023 DPC Controls</b>    |                                               |                |                | <b>219,939</b> | <b>228,990</b> | <b>225,606</b> | <b>217,644</b> |                  |

| Kent County              | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | 2030 DPC      | 2040 DPC      | 2050 DPC      | Change 2020-2050 |
|--------------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|------------------|
| Central Kent             | 5,598         | 6,522         | 9,147         | 10,840        | 12,123        | 12,543        | 13,773        | 2,933            |
| Dover                    | 21,006        | 24,835        | 28,934        | 31,365        | 35,956        | 37,916        | 37,744        | 6,379            |
| Felton                   | 1,761         | 2,059         | 2,751         | 2,964         | 3,302         | 3,597         | 3,788         | 824              |
| Harrington               | 3,318         | 3,876         | 4,828         | 5,123         | 5,664         | 6,081         | 6,276         | 1,153            |
| Kenton                   | 1,500         | 1,850         | 2,325         | 2,635         | 3,014         | 3,332         | 3,465         | 830              |
| Milford North            | 2,684         | 3,570         | 4,055         | 4,736         | 5,510         | 6,262         | 6,579         | 1,843            |
| Smyrna                   | 3,788         | 4,512         | 8,238         | 10,767        | 11,908        | 12,061        | 12,810        | 2,043            |
| <b>Totals</b>            | <b>39,655</b> | <b>47,224</b> | <b>60,278</b> | <b>68,430</b> | <b>77,477</b> | <b>81,792</b> | <b>84,435</b> | <b>16,005</b>    |
| <b>2023 DPC Controls</b> |               |               |               | <b>68,554</b> | <b>77,688</b> | <b>82,069</b> | <b>84,617</b> |                  |

| Sussex County            | 1990 Census   | 2000 Census   | 2010 Census   | 2020 Census   | 2030 DPC       | 2040 DPC       | 2050 DPC       | Change 2020-2050 |
|--------------------------|---------------|---------------|---------------|---------------|----------------|----------------|----------------|------------------|
| Bridgeville - Greenwood  | 2,537         | 3,468         | 4,382         | 4,892         | 5,898          | 6,114          | 6,273          | 1,381            |
| Georgetown               | 2,728         | 3,514         | 4,320         | 4,928         | 6,726          | 8,732          | 8,907          | 3,979            |
| Laurel - Delmar          | 5,607         | 7,772         | 8,690         | 9,289         | 11,202         | 12,155         | 12,215         | 2,926            |
| Lewes                    | 6,093         | 10,128        | 14,243        | 18,508        | 22,315         | 23,143         | 23,730         | 5,222            |
| Milford South            | 5,122         | 6,170         | 7,913         | 9,038         | 11,812         | 14,299         | 14,488         | 5,450            |
| Millsboro                | 5,158         | 8,222         | 10,886        | 14,340        | 17,355         | 18,144         | 19,349         | 5,009            |
| Milton                   | 2,949         | 4,312         | 6,010         | 9,456         | 11,917         | 12,450         | 14,365         | 4,909            |
| Seaford                  | 6,954         | 8,464         | 9,421         | 10,109        | 12,457         | 13,521         | 13,959         | 3,850            |
| Selbyville - Frankford   | 9,533         | 10,527        | 13,503        | 17,954        | 21,955         | 23,061         | 23,688         | 5,734            |
| <b>Totals</b>            | <b>46,681</b> | <b>62,577</b> | <b>79,368</b> | <b>99,414</b> | <b>121,637</b> | <b>131,620</b> | <b>136,975</b> | <b>38,461</b>    |
| <b>2023 DPC Controls</b> |               |               |               | <b>99,614</b> | <b>121,641</b> | <b>131,620</b> | <b>136,975</b> |                  |

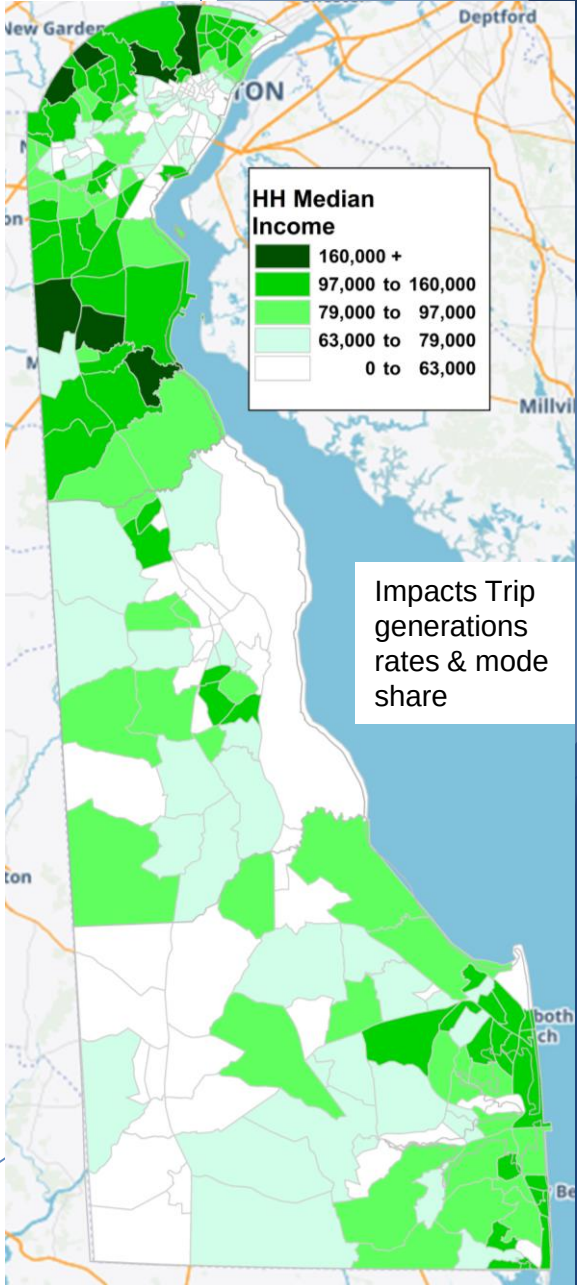
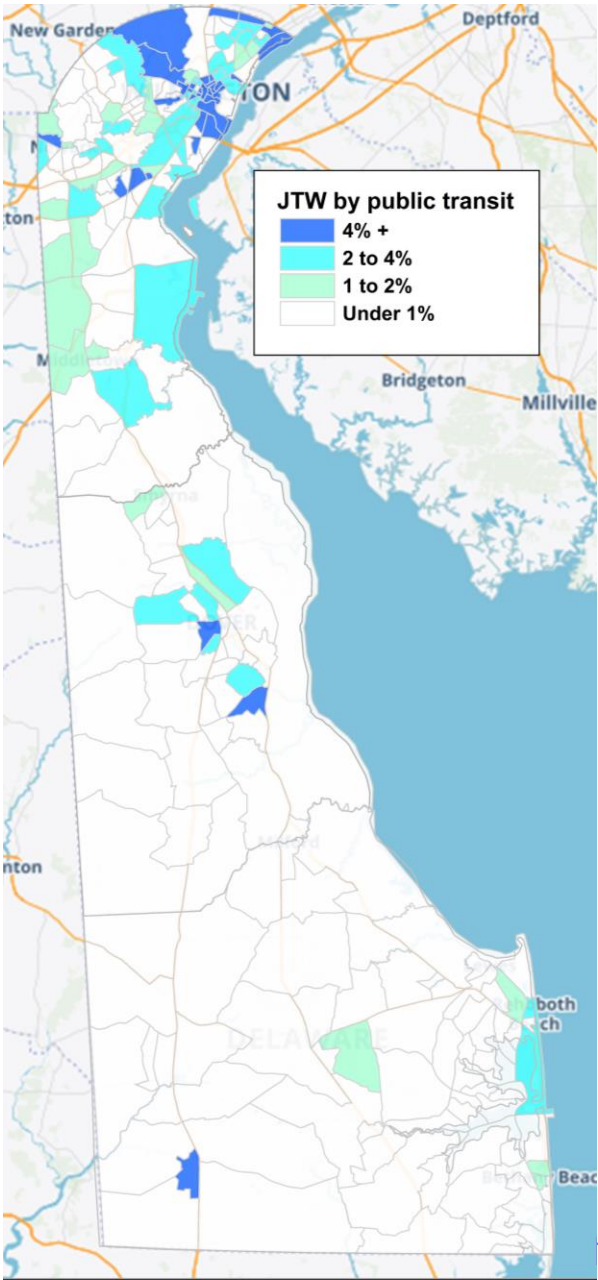




# Points and Assumptions within 2024 Small Area Updates

|                      | Field                                                       |
|----------------------|-------------------------------------------------------------|
| General Information  | Total Occupied Households                                   |
|                      | Total Population <b>IN HOUSEHOLDS</b>                       |
|                      | Population per Household                                    |
|                      | Total Workers/Workers per HH                                |
|                      | Total Vehicles/ Vehicles per HH                             |
| Employment by Sector | Natural Resources & Mining 11, 21 NAICS                     |
|                      | Construction 23 NAICS Supersector                           |
|                      | Manufacturing 31-33 NAICS Supersectors                      |
|                      | Wholesale & Retail Trade 42,44-45 NAICS                     |
|                      | Transportation & Utilities 22,48-49 NAICS                   |
|                      | Information 51 NAICS Supersector                            |
|                      | Finance, Insurance and Real Estate 52-53 NAICS              |
|                      | Professional and Business Services 54-56 NAICS Supersectors |
|                      | Health and Education 61-62 NAICS Supersectors               |
|                      | Leisure & Hospitality 71-72 NAICS Supersectors              |
|                      | Other Services 81 NAICS Supersector                         |
|                      | Public Administration 91-93 NAICS Supersectors              |
|                      | Total Institutional Group Quarter Population                |
|                      | Total non-Institutional Group Quarter Population            |
| Modal Splits         | % of single occupant vehicles                               |
|                      | % of carpoolers                                             |
|                      | % of public transit users                                   |
|                      | % of walkers/bikers                                         |
|                      | % of home workers                                           |
| Socio-economic       | % of zero car households                                    |
|                      | % of populaiton over 65                                     |
|                      | Median HH income                                            |

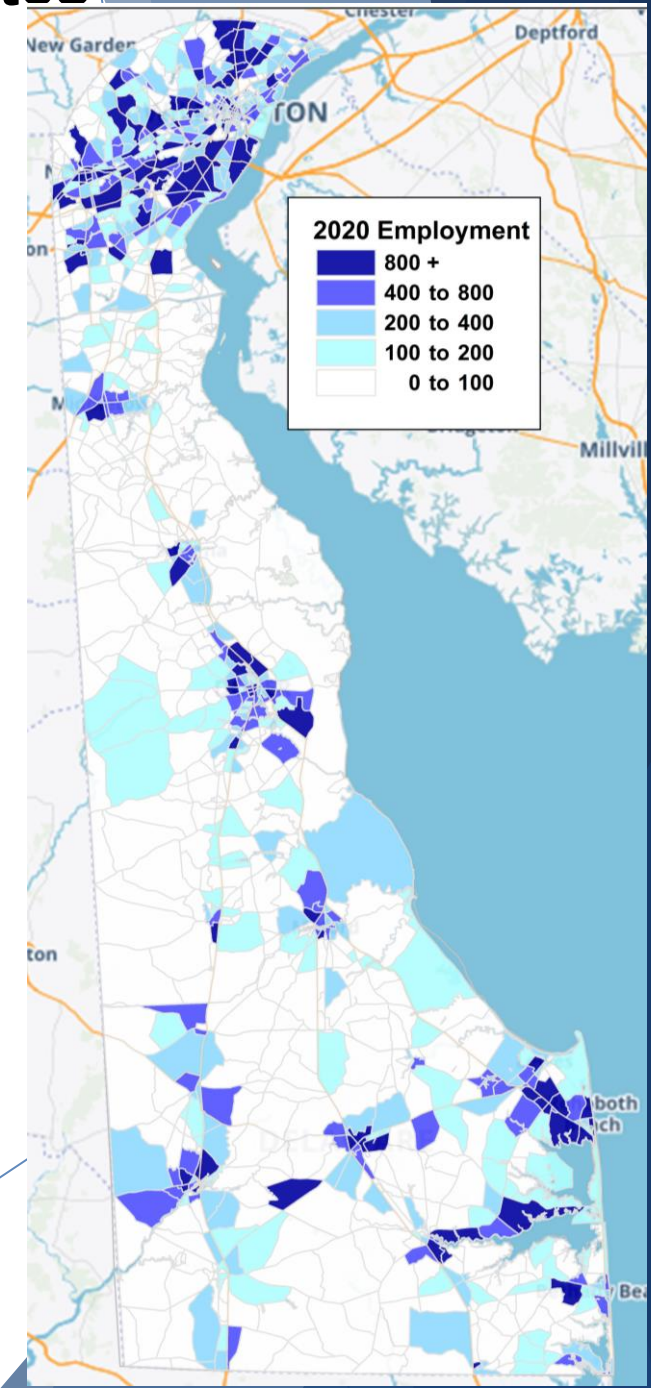
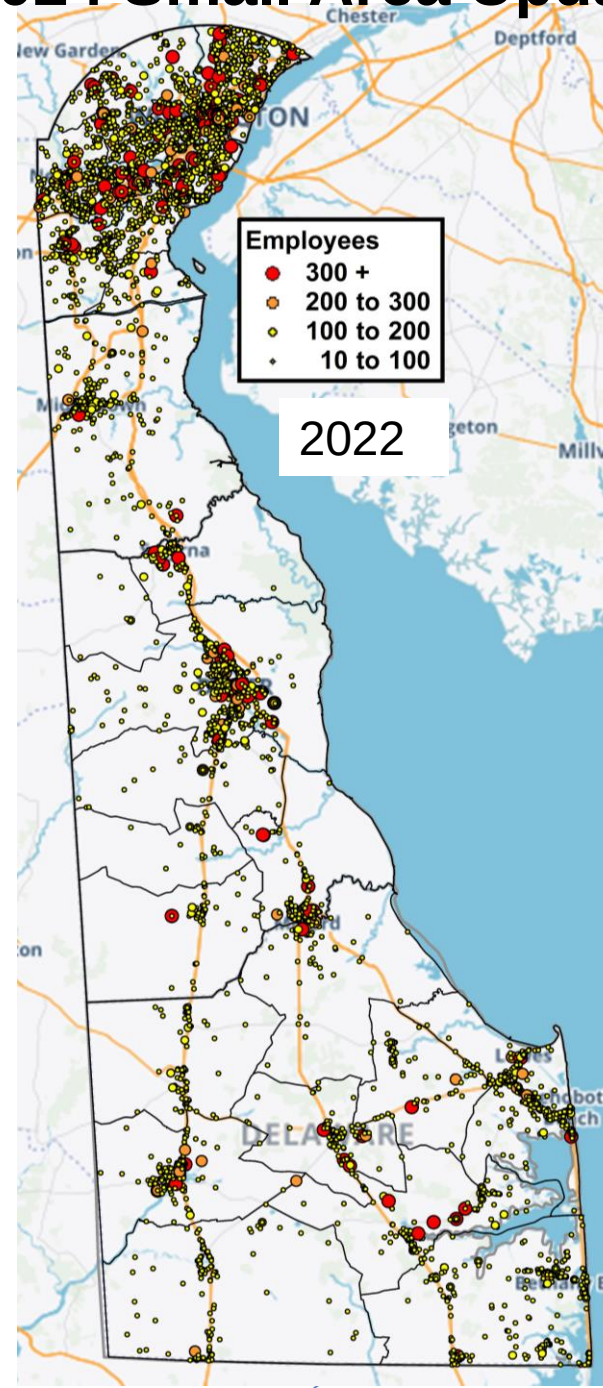
**Most Recent 5-year ACS**



# Points and Assumptions within 2024 Small Area Updates

## Employment:

- Data Axle a good starting point, but not perfect!!!
- Has good NAICS breakdown
- Balanced to match DPC control totals





# Points and Assumptions within 2024 Small Area Updates

Employment:

- Data Axle a good starting point, but not perfect
- Has good NAICS breakdown
- Model uses 10 Super-sector job types

| 2020   |        |        |        |         |         |       |         |         |           |         |         |        |         |
|--------|--------|--------|--------|---------|---------|-------|---------|---------|-----------|---------|---------|--------|---------|
| County | NATRES | CONS   | MANU   | WHL_RET | TRN_UTL | INFO  | FINANCE | PRO_BUS | ED_HEALTH | LE_HOSP | OT_SVCS | PUBADM | TOTEMP  |
| NCC    | 287    | 14,739 | 15,857 | 42,329  | 6,387   | 7,028 | 22,475  | 39,516  | 66,884    | 28,647  | 19,167  | 13,167 | 276,483 |
| Kent   | 523    | 2,895  | 2,693  | 10,596  | 1,365   | 1,361 | 2,617   | 3,624   | 14,410    | 8,148   | 3,348   | 14,661 | 66,242  |
| Sussex | 2,579  | 5,889  | 9,664  | 14,939  | 2,084   | 700   | 5,037   | 4,740   | 16,604    | 13,513  | 4,790   | 4,807  | 85,347  |

2050

| County | NATRES | CONS   | MANU   | WHL_RET | TRN_UTL | INFO  | FINANCE | PRO_BUS | ED_HEALTH | LE_HOSP | OT_SVCS | PUBADM | TOTEMP  |
|--------|--------|--------|--------|---------|---------|-------|---------|---------|-----------|---------|---------|--------|---------|
| NCC    | 276    | 14,036 | 13,423 | 43,288  | 6,778   | 6,924 | 22,346  | 39,429  | 72,091    | 31,263  | 20,509  | 13,839 | 284,201 |
| Kent   | 657    | 3,481  | 2,958  | 13,282  | 2,068   | 1,735 | 3,241   | 4,635   | 18,064    | 10,284  | 4,331   | 16,403 | 81,138  |
| Sussex | 2,268  | 9,444  | 9,973  | 23,401  | 3,516   | 1,469 | 7,882   | 9,080   | 25,973    | 21,142  | 8,869   | 7,759  | 130,779 |

Difference

| County | NATRES | CONS  | MANU   | WHL_RET | TRN_UTL | INFO | FINANCE | PRO_BUS | ED_HEALTH | LE_HOSP | OT_SVCS | PUBADM | TOTEMP |
|--------|--------|-------|--------|---------|---------|------|---------|---------|-----------|---------|---------|--------|--------|
| NCC    | -11    | -703  | -2,433 | 959     | 391     | -105 | -130    | -88     | 5,207     | 2,616   | 1,342   | 672    | 7,717  |
| Kent   | 133    | 586   | 265    | 2,686   | 703     | 374  | 624     | 1,011   | 3,655     | 2,135   | 983     | 1,741  | 14,896 |
| Sussex | -311   | 3,555 | 309    | 8,463   | 1,432   | 769  | 2,846   | 4,340   | 9,370     | 7,630   | 4,078   | 2,952  | 45,432 |





# Seasonal Update

- Builds from trend TAZ forecast
- Make something “defensible” for simulating added traffic volumes in Summer
- Based on DPC seasonal estimate from 2023 report
- Assumes 2.64 people per seasonal unit
- Where is the next generation of seasonal units?

| Kent          | 2010    | 2020    | 2030    | 2040    | 2050    |
|---------------|---------|---------|---------|---------|---------|
| Total Units   | 65,338  | 76,896  | 90,499  | 96,591  | 103,094 |
| Occupied      | 60,278  | 73,497  | 86,498  | 92,321  | 98,537  |
| Vac:Rent/Sale | 2,740   | 2,281   | 2,684   | 2,865   | 3,058   |
| Vac:Seasonal  | 457     | 672     | 791     | 844     | 901     |
| Vac:Other     | 1,863   | 2,821   | 3,320   | 3,544   | 3,782   |
| Vac:Total     | 5,060   | 3,399   | 4,000   | 4,270   | 4,557   |
| Seasonal Pop. | 1,206   | 1,774   | 2,088   | 2,228   | 2,378   |
| Resident Pop. | 162,956 | 186,243 | 198,246 | 207,443 | 213,899 |
| Total Pop.    | 164,162 | 188,017 | 200,334 | 209,671 | 216,277 |

| Sussex        | 2010    | 2020    | 2030    | 2040    | 2050    |
|---------------|---------|---------|---------|---------|---------|
| Total Units   | 123,036 | 141,123 | 161,869 | 170,997 | 180,641 |
| Occupied      | 79,368  | 94,223  | 108,074 | 114,169 | 120,608 |
| Vac:Rent/Sale | 5,514   | 2,118   | 4,121   | 4,326   | 4,413   |
| Vac:Seasonal  | 34,770  | 42,121  | 47,781  | 50,476  | 53,323  |
| Vac:Other     | 3,384   | 3,182   | 4,869   | 5,113   | 5,214   |
| Vac:Total     | 43,668  | 47,421  | 53,794  | 56,827  | 60,032  |
| Seasonal      | 91,793  | 111,199 | 126,143 | 133,257 | 140,772 |
| Resident Pop. | 197,892 | 254,940 | 293,406 | 331,363 | 365,362 |
| Total Pop.    | 289,685 | 366,139 | 419,549 | 464,620 | 506,134 |

\*Based on the latest 2022 data from the US Census.

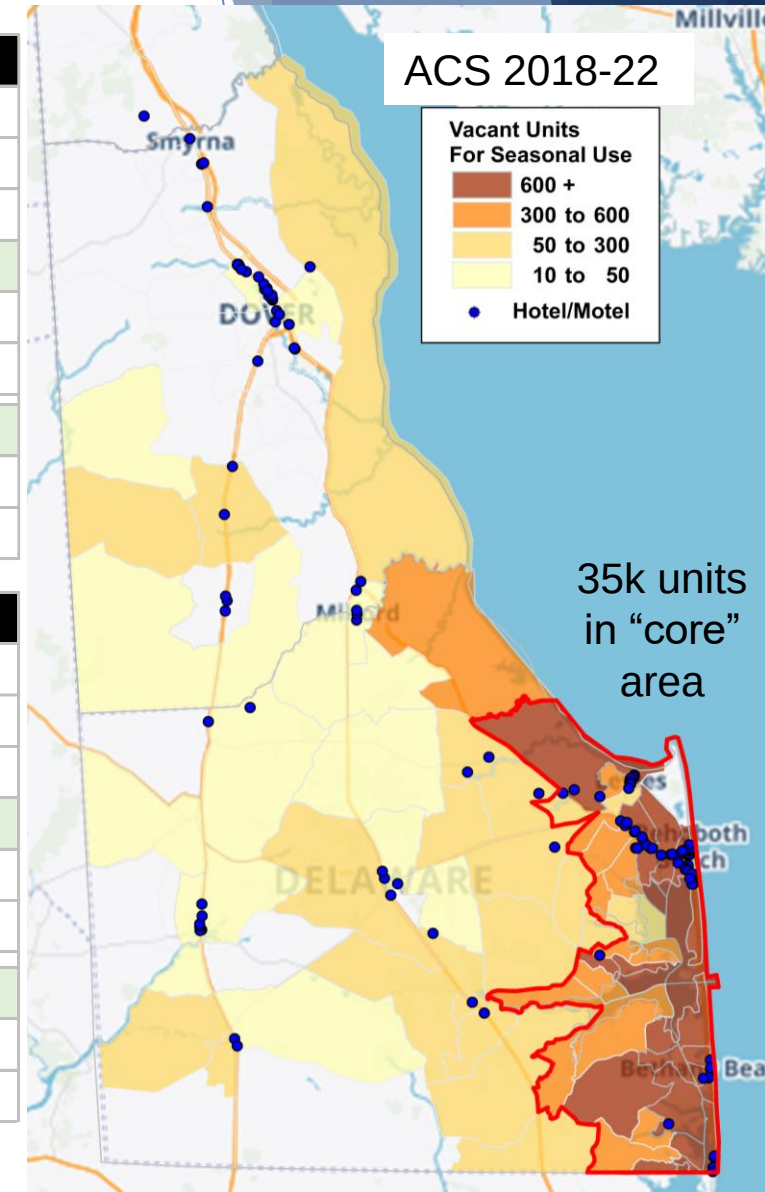
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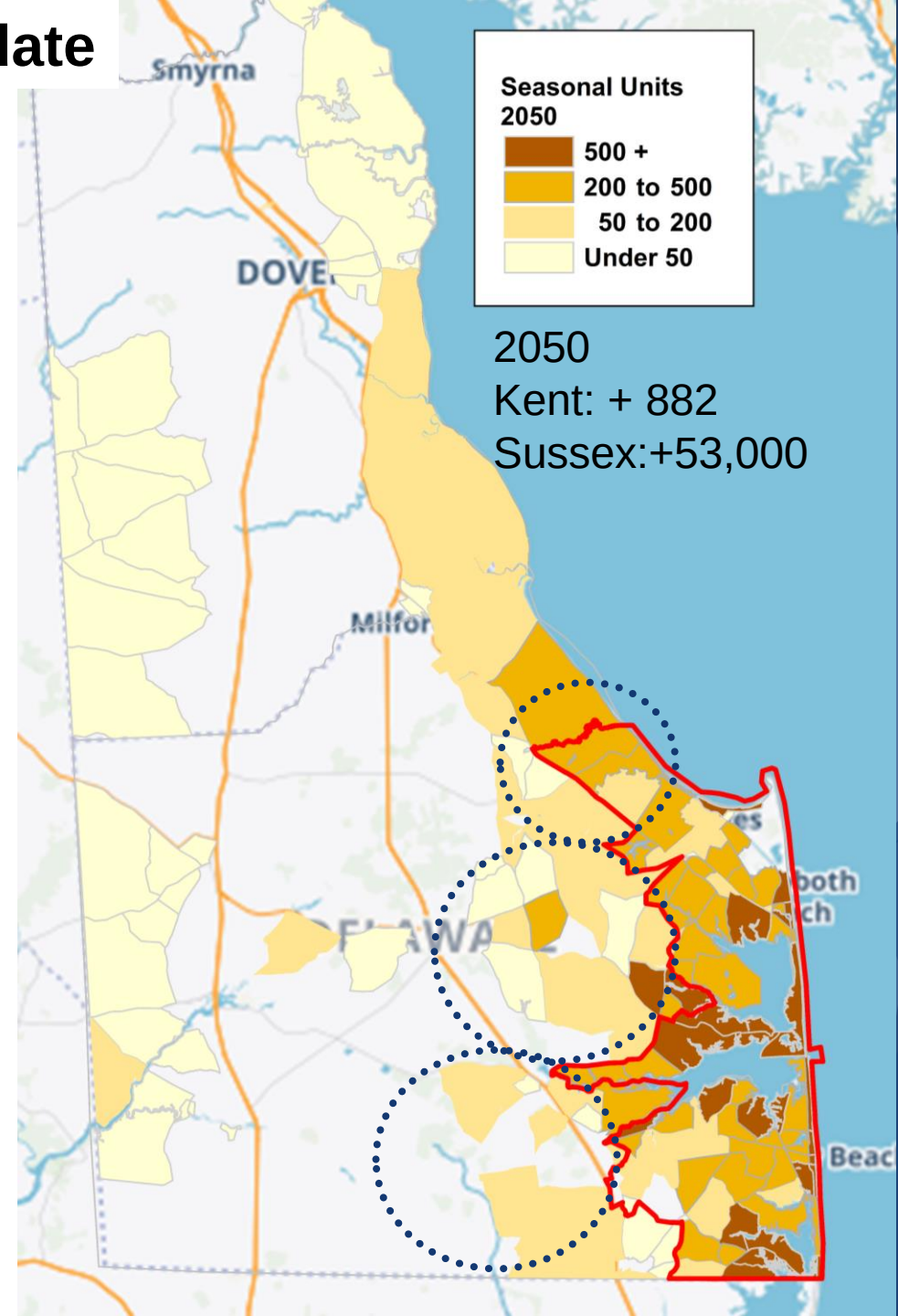
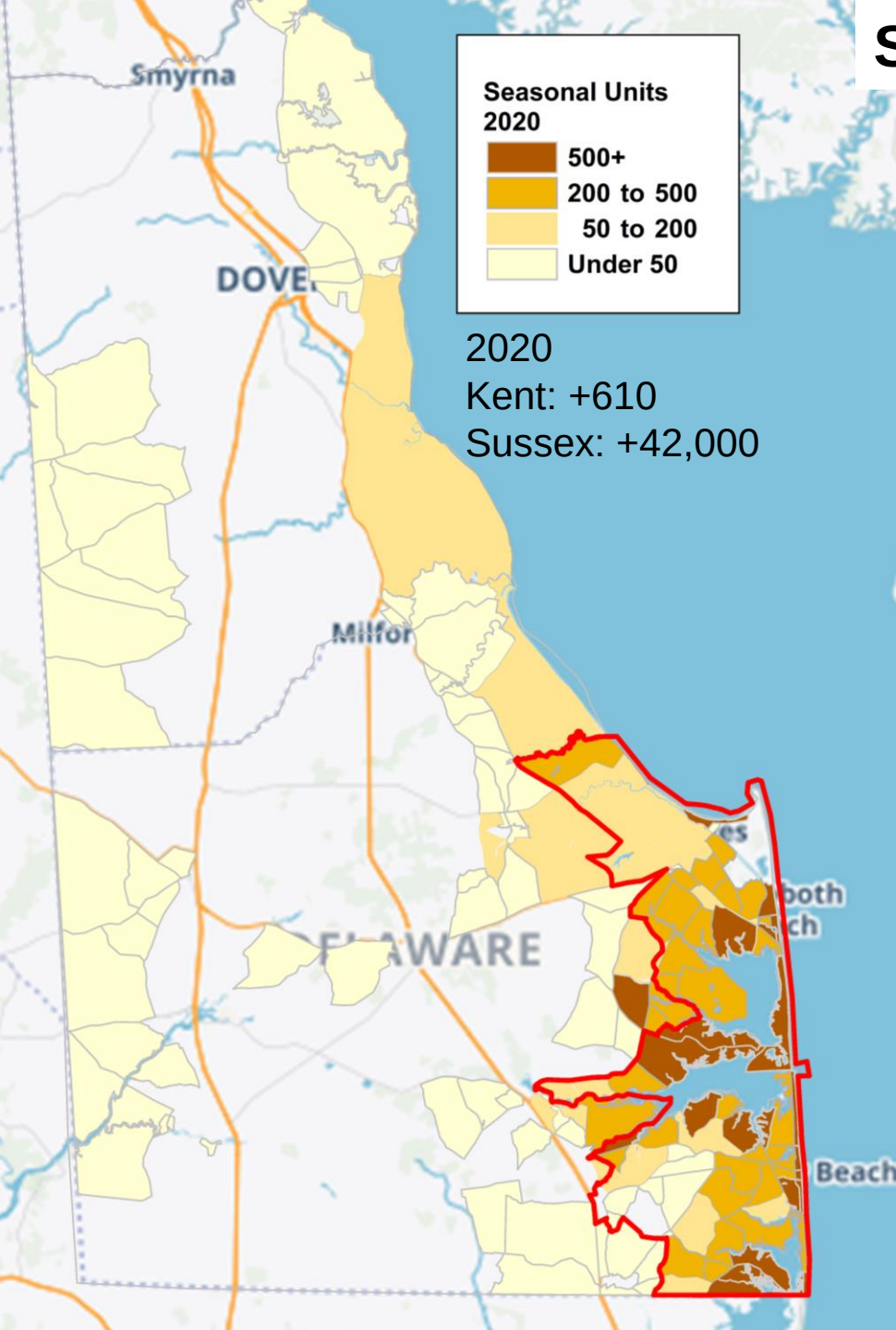
| Kent          | 2010    | 2020    | 2030    | 2040    | 2050    |
|---------------|---------|---------|---------|---------|---------|
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| Occupied      | 60,278  | 73,497  | 86,498  | 92,321  | 98,537  |
| Vac:Rent/Sale | 2,740   | 2,281   | 2,684   | 2,865   | 3,058   |
| Vac:Seasonal  | 457     | 672     | 791     | 844     | 901     |
| Vac:Other     | 1,863   | 2,821   | 3,320   | 3,544   | 3,782   |
| Vac:Total     | 5,060   | 3,399   | 4,000   | 4,270   | 4,557   |
| Seasonal Pop. | 1,206   | 1,774   | 2,088   | 2,228   | 2,378   |
| Resident Pop. | 162,956 | 186,243 | 198,246 | 207,443 | 213,899 |
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# Seasonal Update





# Seasonal Update – Employment

Total Private Sector Employment - Sussex

| Year        | "Off Peak"<br>Oct-Mar | "Peak"<br>June-Aug | Diff.  |
|-------------|-----------------------|--------------------|--------|
| <b>2013</b> | 57,869                | 66,625             | 8,756  |
| <b>2014</b> | 60,045                | 69,347             | 9,303  |
| <b>2015</b> | 62,050                | 71,571             | 9,520  |
| <b>2016</b> | 64,888                | 74,620             | 9,732  |
| <b>2017</b> | 67,104                | 77,334             | 10,231 |
| <b>2018</b> | 69,785                | 79,608             | 9,824  |
| <b>2019</b> | 71,459                | 81,342             | 9,884  |
| <b>2020</b> | 71,119                | 73,963             | 2,845  |
| <b>2021</b> | 71,786                | 79,890             | 8,105  |
| <b>2022</b> | 75,614                | 84,044             | 8,430  |
| <b>2023</b> | 78,399                | 88,253             | 9,854  |

Key Sector Employment Variations - Sussex

| Sussex              | Annual | Seasonal | Change       | % Change     |
|---------------------|--------|----------|--------------|--------------|
| Wholesale/Retail    | 14,943 | 16,114   | <b>1,171</b> | <b>7.8%</b>  |
| Transp. & Utilities | 2,080  | 2,164    | <b>84</b>    | <b>4.0%</b>  |
| Finance             | 5,039  | 5,206    | <b>167</b>   | <b>3.3%</b>  |
| Prof./Bus. Sevices  | 4,745  | 5,916    | <b>1,171</b> | <b>24.7%</b> |
| Health/Education    | 16,600 | 16,935   | <b>335</b>   | <b>2.0%</b>  |
| Leisure/Hosp        | 13,506 | 18,023   | <b>4,517</b> | <b>33.4%</b> |
| Other Services      | 4,782  | 5,702    | <b>920</b>   | <b>19.2%</b> |

Source: Quarterly Census of Employment and Wages

# Seasonal Update – Employment

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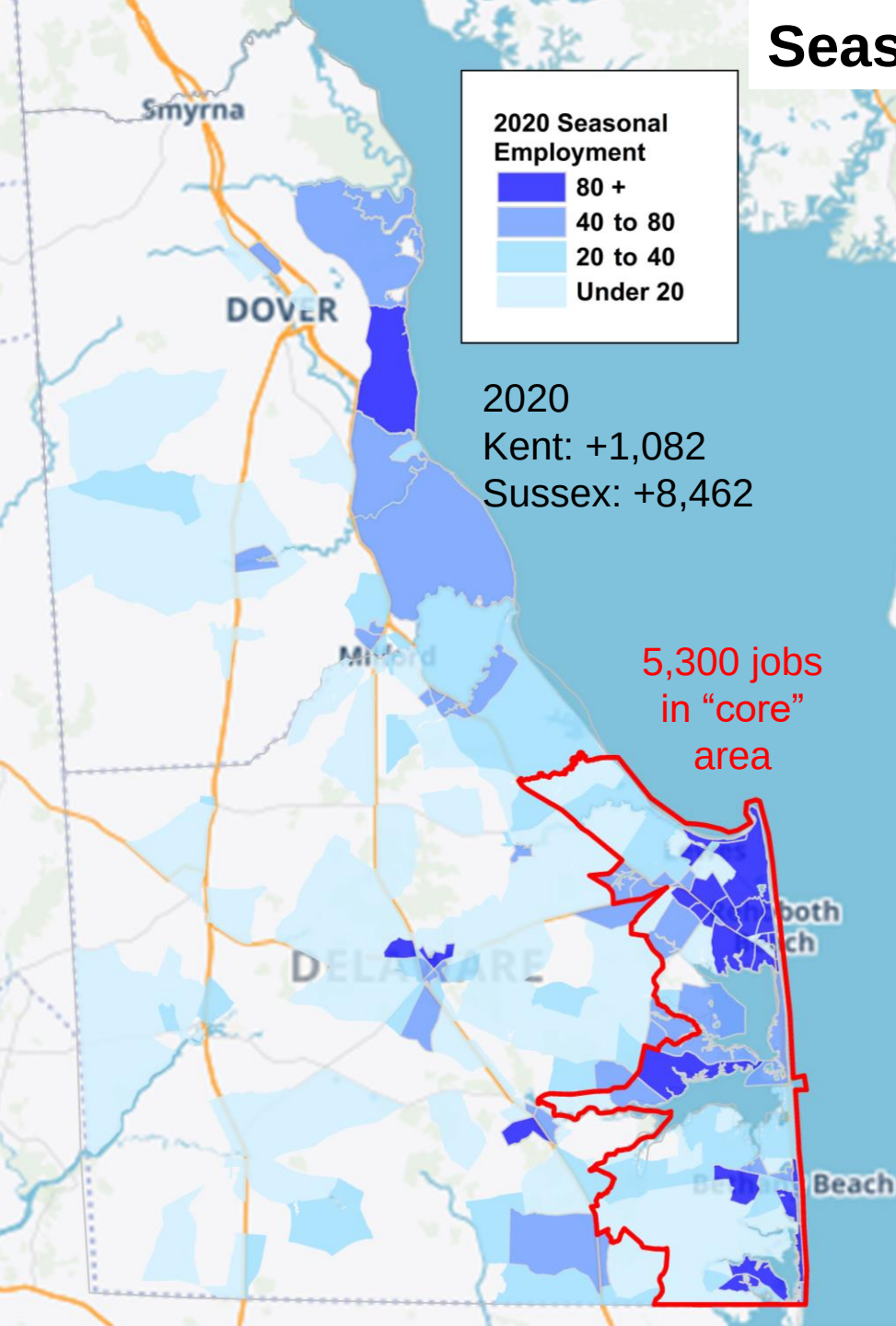
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- Only 4 sectors edited for seasonal employment

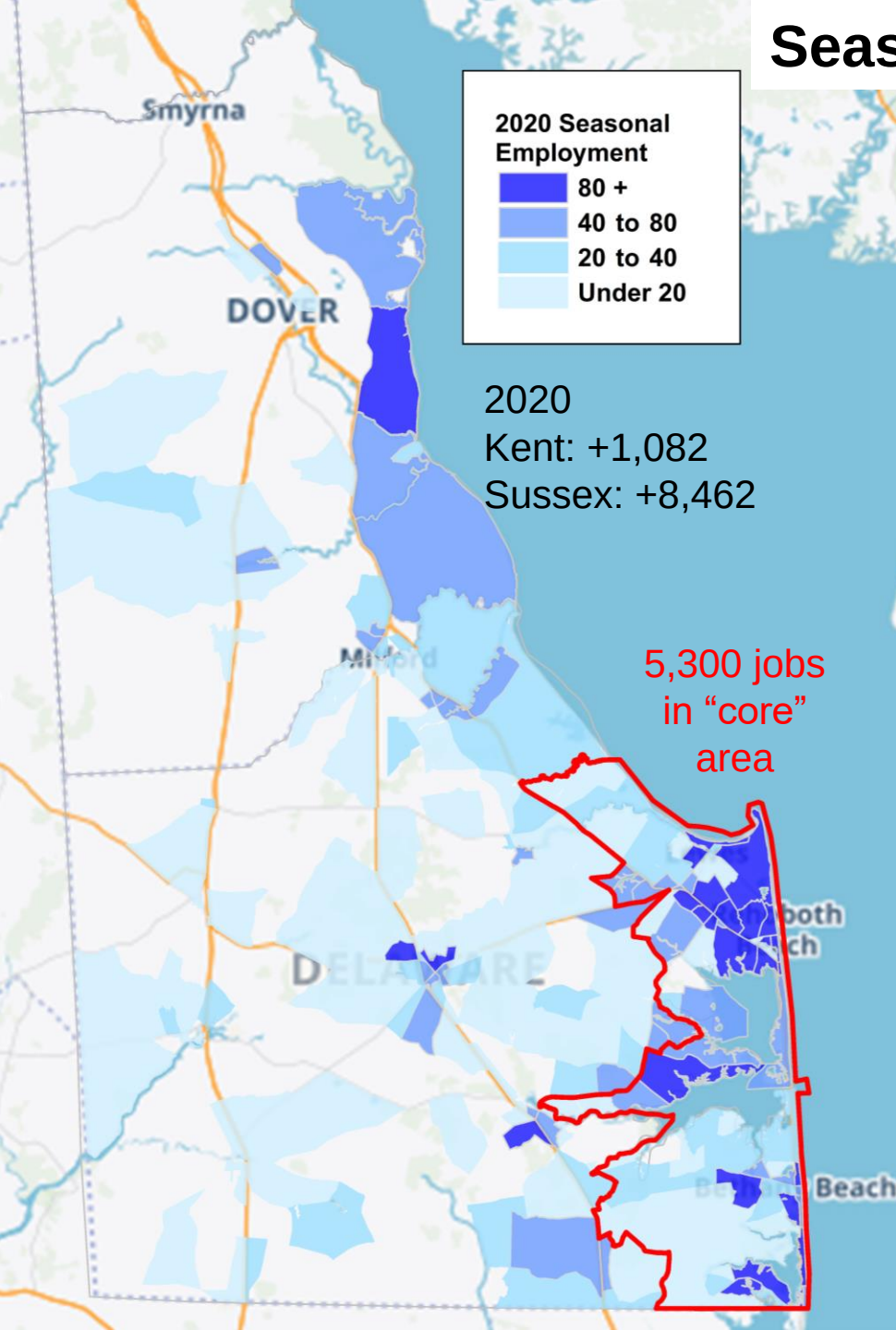
# Seasonal Update – Employment



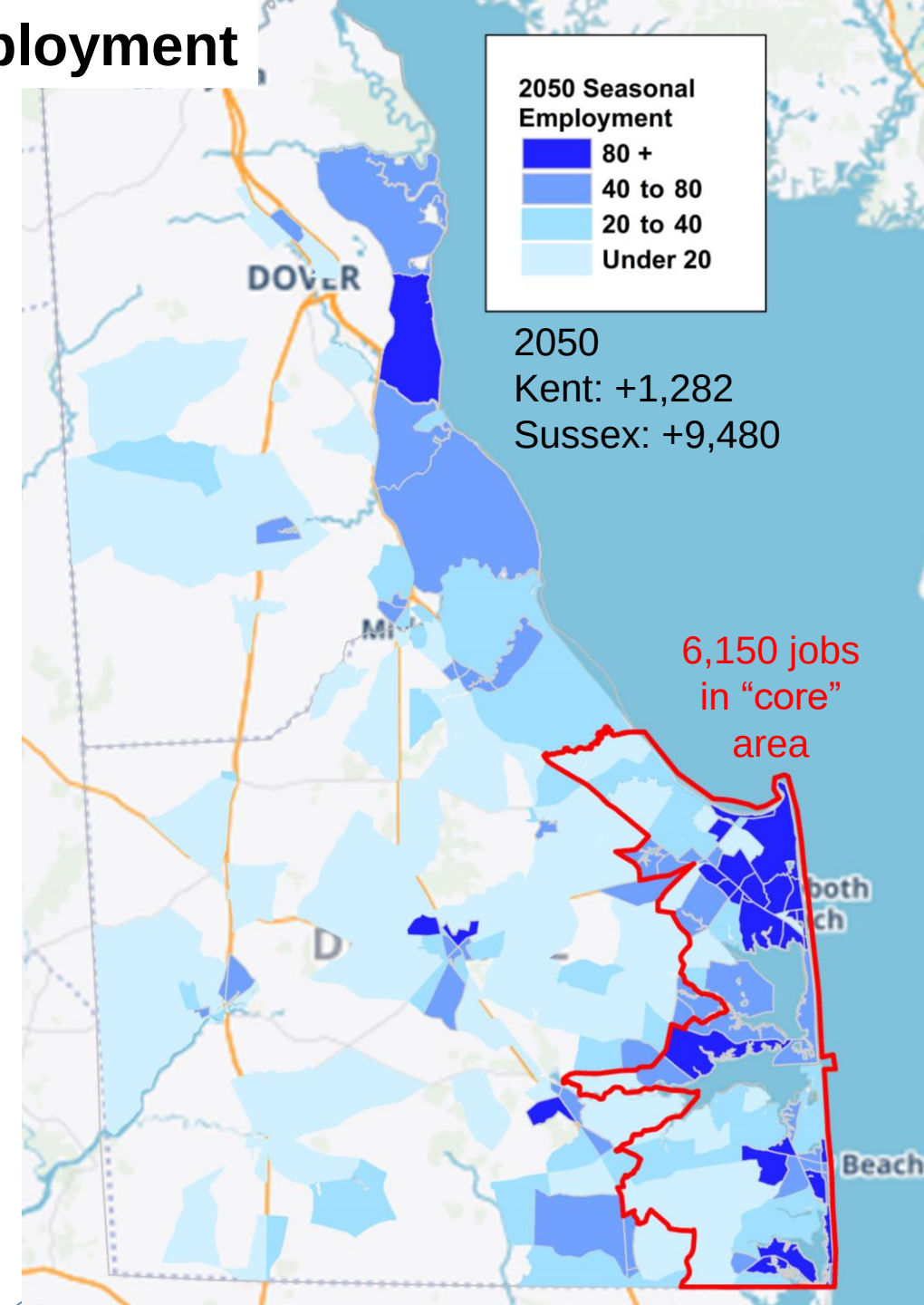
- Slightly more scattered
- “pit stops” along travel routes
- Location of major shopping centers
- Major destinations (i.e. State Parks)



# Seasonal Update – Employment



- Slightly more scattered
- "pit stops" along travel routes
- Location of major shopping centers
- Major destinations (i.e. State Parks)
- Does annual and seasonal become less of a difference??



# Continued work

- **Applying seasonal method to Maryland resort areas for complete Peninsula model update**
- **Refine “day tripper” impacts**
- **Follow seasonal growth outside of normal immediate coastal locations**
- **Project early and often**
- **Create a summary of current work once time allows**