

Elmbrook Enrollment Task Force Process & Support



- **March 16** – Establish Alignment & Lay Groundwork
- **April 5** – Review elem school data sheets, Share recommended methodology for project
- **April 26** – Define decision-making process and communications guidelines, Review

- School Data Sheets
- Accelerator Data Sheets
- Tract-level Data Sheets
- APL Projection Model
- Mapping Tools / Software
- Other identified inputs

- **May 10** – Share tract/sub-tract level data / Modeling approach, Generate Ideas / Potential Solutions, Refine stakeholder survey (or in late May mtg)
- **May 25 or 26** – Review Impact of Ideas on the model, Refine Ideas
- **June 2** – Host Open Forum to Share Current Thinking & Gather Input / Additional Ideas

- Mathematical Simulation / Modeling (“What If” Scenarios)
- Other idea generation & analysis methods as needed
- Stakeholder Survey Development & Distribution

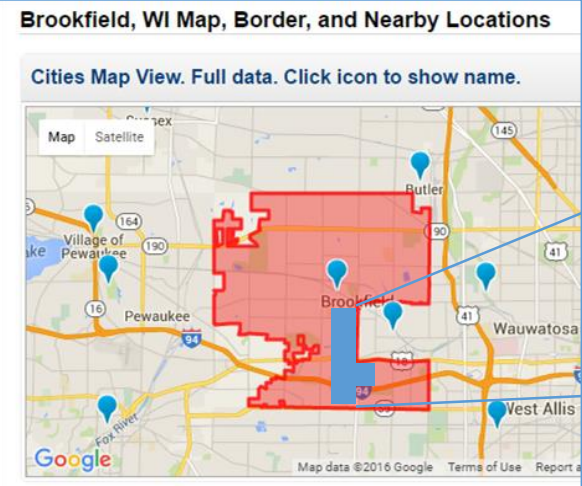
- **June 22** – Review Open Forum Feedback, Refine and Prioritize Solutions
- **July XX** – **Do we need another meeting? (maybe a subgroup to package recommendations?)**
- **July 27** – Finalize alignment on initial recommendations

- Additional analysis and prioritization methods as needed

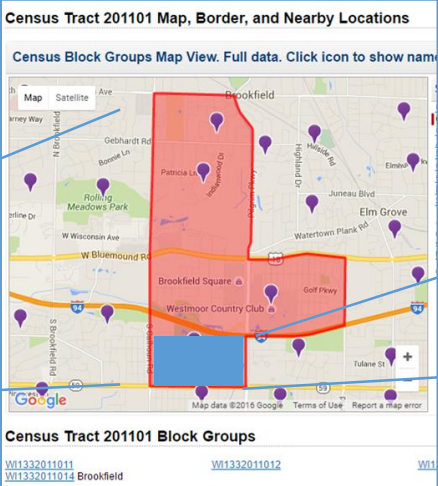
Aug 16 – Deliver Initial Recommendations to the School Board

Digging Into Details Using the U.S. Census

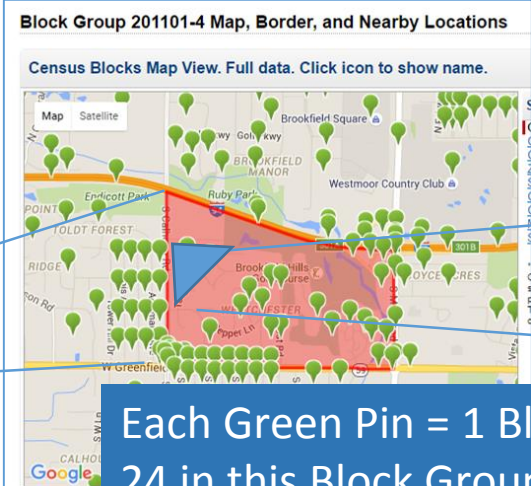
Municipalities



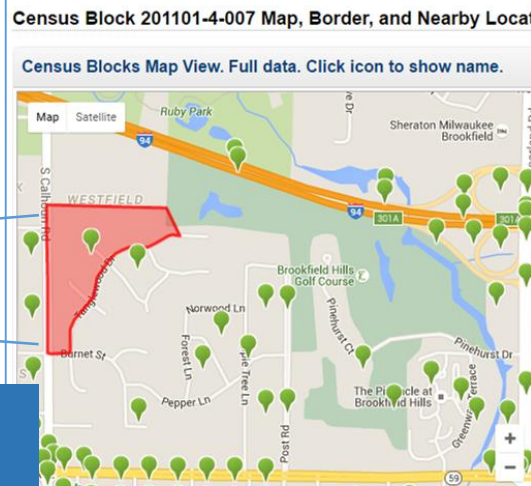
Census Tracts



Census Block Groups



Census Blocks



Each Green Pin = 1 Block
24 in this Block Group
11 with Population >0

District Coverage
City of Brookfield
Elm Grove
New Berlin (small part)

Census Tracts
Brookfield = 11
Elm Grove = 1
New Berlin = Part of 1

Census Block Groups
Brookfield = ~30-32
Elm Grove = 6
New Berlin = Part of 2

Census Blocks
Hundreds!

Source: usa.com * Census Blocks, Census Block Groups, and Census Tracts are geo areas that are normally smaller than the size of a city. Census Blocks provide block and community level information. They are great for understanding areas within a city.

Different data is available at each level

Building Tract / Sub-tract Profiles: A Multi-layered Approach

Build a Local Projection based on 5 Year School Tract Trend

Add Estimates of Impact for Accelerators /Decelerators

Apply "What If" Scenarios (economic, etc.)

Tract 183
Baseline Projection Model
School District of Elmhurst

| Census Tract (s) | Part of | 2011.01 |
|------------------|--------------|----------|
| Block Group(s) | East side of | 201101-4 |

<http://www.usa.com/W/1332011014.html>

| | SCHOOL YEAR (data needed from school district) | | | | |
|-------|--|-------|-------|-------|-------|
| | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 |
| K | | | | | 11 |
| 1 | | | | | 12 |
| 2 | | | | | |
| 3 | | | | | |
| 4 | | | | | |
| 5 | | | | | |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |
| 10 | | | | | |
| 11 | | | | | |
| 12 | | | | | |
| TOTAL | | | | | |

District Actuals by Grade

| Grade Progression Ratios (calculated actuals by tract) | | | | | | | | | | | | | |
|--|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|-------|
| Year Changes | BK | K-1 | 1-2 | 2-3 | 3-4 | 4-5 | 5-6 | 6-7 | 7-8 | 8-9 | 9-10 | 10-11 | 11-12 |

Calculate Grade Progression Ratios

New Single and Multi-family Housing

| | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SF | | | | | | | | | | |
| MF - name A | | | | | | | | | | |
| MF - name B | | | | | | | | | | |
| MF - name C | | | | | | | | | | |

Use existing proxies

Housing Turnover Adjustment

Neighborhoods
Part of Tanglewood
Brookfield Hills

| | Brookfield(City) | Elm Grove | Tract | Affordability Index? |
|---------------------------|------------------|-----------|-------|----------------------|
| Median Home Price (\$000) | | | | |
| Total Households | | | | |
| other HH factors? | | | | |
| Total Housing Units | | | | 469 of Block |
| Occupied Housing Units | | | | 344 data |
| Owner Occupied | | | | 98 (more) |
| Renter Occupied | | | | 246 granular |

Affordability Index ?



| | District Population | | Tract Population | |
|-------------------|---------------------|--------------------------------|------------------|---------------------------|
| | District Population | District % of Total Population | Total Population | % of the Total Population |
| Under 5 years | 1,899 | 4.3% | 54 | 6% |
| 5 to 9 years | 2,875 | 6.6% | 46 | 5% |
| 10 to 14 years | 3,211 | 7.4% | | |
| 15 to 19 years | 3,088 | 7.1% | | |
| 20 to 24 years | 1,744 | 4.0% | | |
| 25 to 34 years | 2,293 | 5.3% | | |
| 35 to 44 years | 4,944 | 11.4% | | |
| 45 to 54 years | 7,827 | 18.1% | 97 | 12% |
| 55 to 64 years | 6,746 | 15.3% | 92 | 11% |
| 65 to 74 years | 4,330 | 9.9% | 23 | 3% |
| 75 to 84 years | 3,118 | 7.1% | 20 | 2% |
| 85 years and over | 1,439 | 3.3% | 0 | 0% |
| Totals | 43,956 | 100.0% | 798 | 10% |

Age Profile

| | LOW ESTIMATE - PROJECTIONS | | | | | | | | | |
|-------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 |
| K | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

| | MODERATE ESTIMATE - PROJECTIONS | | | | | | | | | |
|-------|---------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 |
| K | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

| | HIGH ESTIMATE - PROJECTIONS | | | | | | | | | |
|-------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 |
| K | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

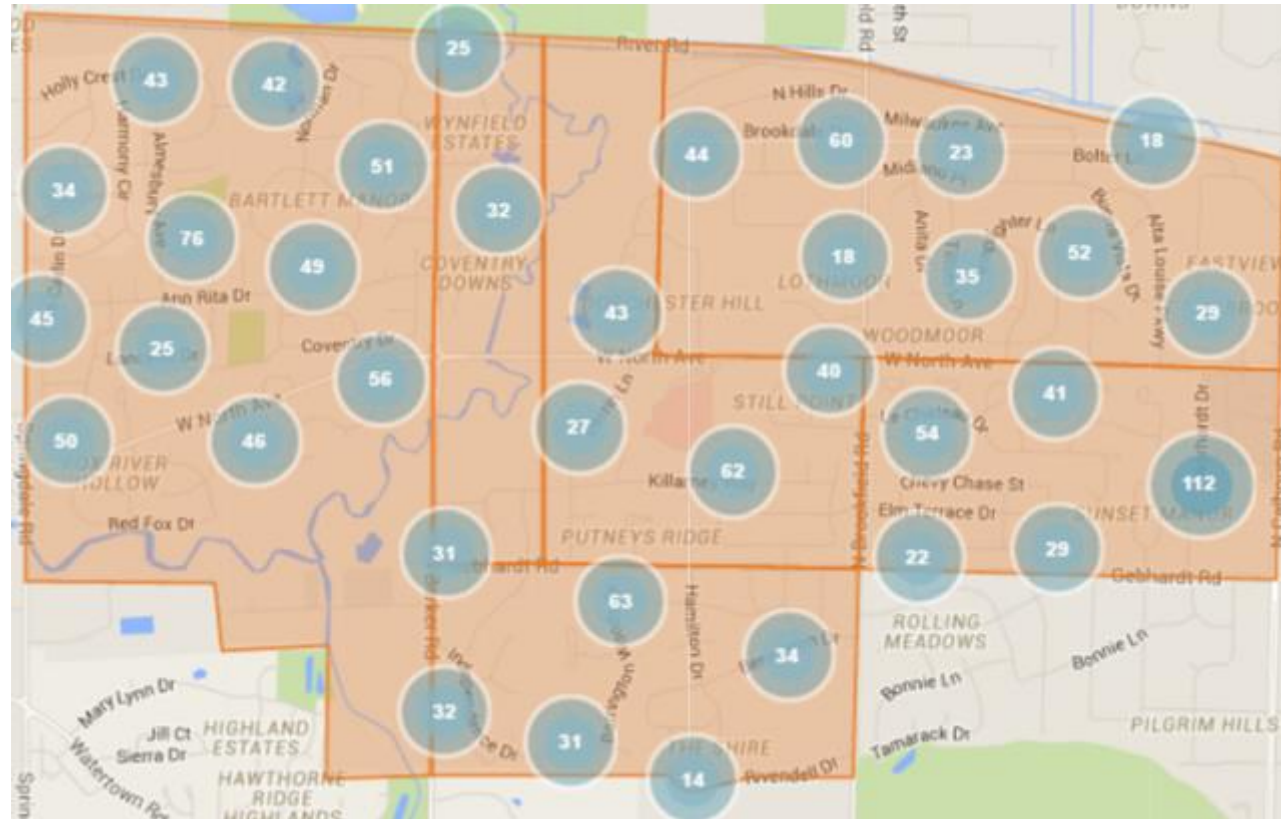
Low / Med / High Estimates

| | 5 YEAR TREND MODEL - PROJECTIONS (can roll these up to compare to APL school projections) | | | | | | | | | |
|-------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 16-17 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 |
| K | | | | | | | | | | |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | | | | | | | | | | |
| 7 | | | | | | | | | | |
| 8 | | | | | | | | | | |
| 9 | | | | | | | | | | |
| 10 | | | | | | | | | | |
| 11 | | | | | | | | | | |
| 12 | | | | | | | | | | |
| TOTAL | | | | | | | | | | |

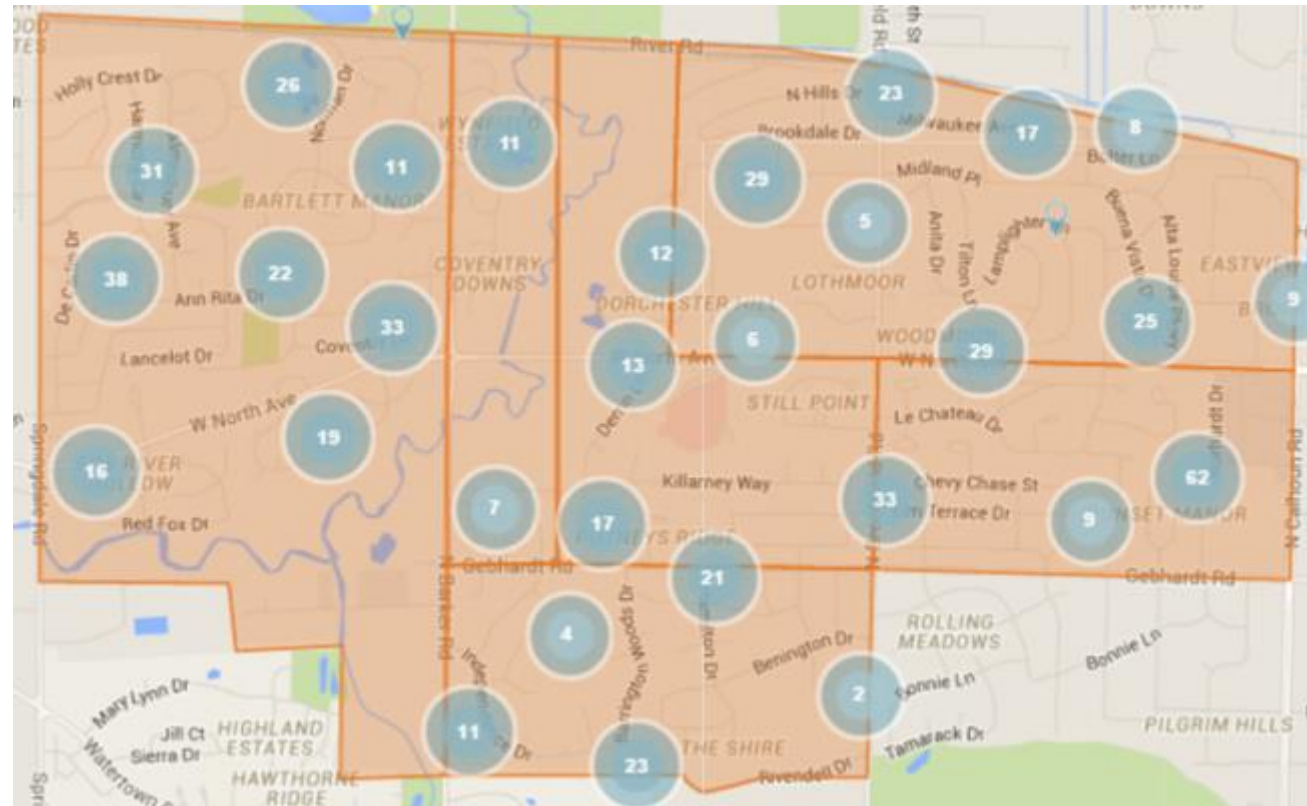
Create Projections

Connecting with Others to Gather Detailed Data & Apply Best Practices

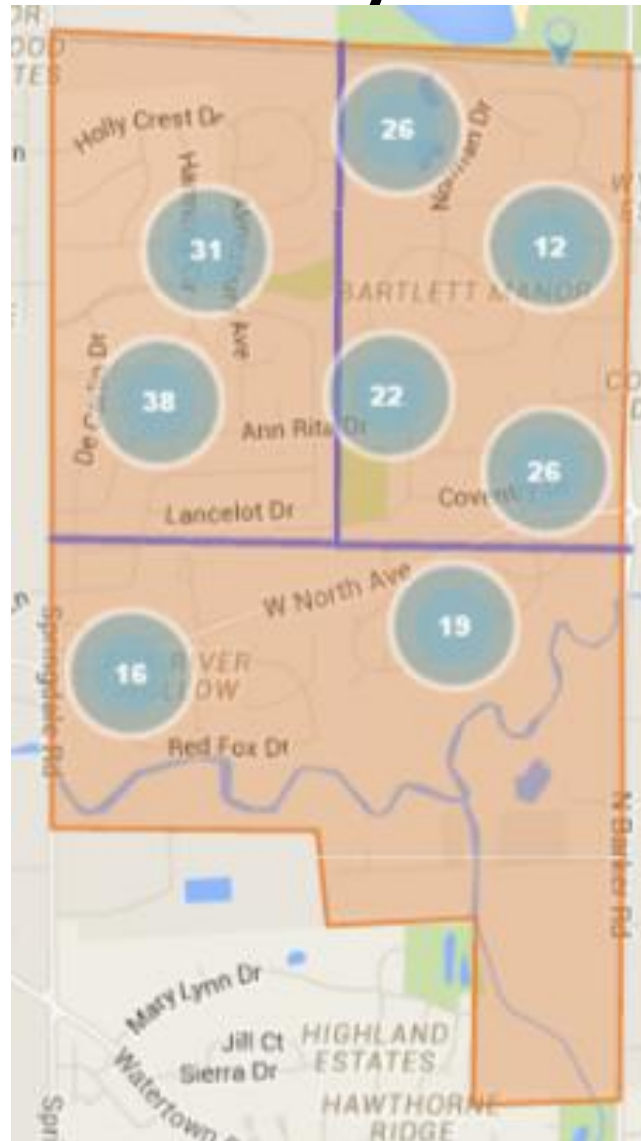
Brookfield Elementary All Students



Brookfield Elementary only K-5 Students



Brookfield Elementary Tract 160



Brookfield Elementary Tract 160 (K-2)

