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REALPOINT

APRIL 2024

Session 170D
Enrollment Projections Done Right!

Presented to: MSBO 85th Annual Conference

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Introductions

Meet the Presenters

Paul R. Wills, AIA, AP, NCARB

PARTNER

Paul.Wills@plantemoran.com

(248) 223-3316

Doug Phillips

SENIOR VICE PRESIDENT

Doug.Phillips@plantemoran.com

(269) 567-4625

Firm Overview

Plante Moran – One Firm, Infinite Resources

Plante Moran is one of the nation's largest certified public accounting and business advisory firm, providing clients with financial, human capital, operations, strategy, technology, and family wealth management services.

plante moran REALPOINT

125+ multidisciplinary staff specializing in real estate & construction

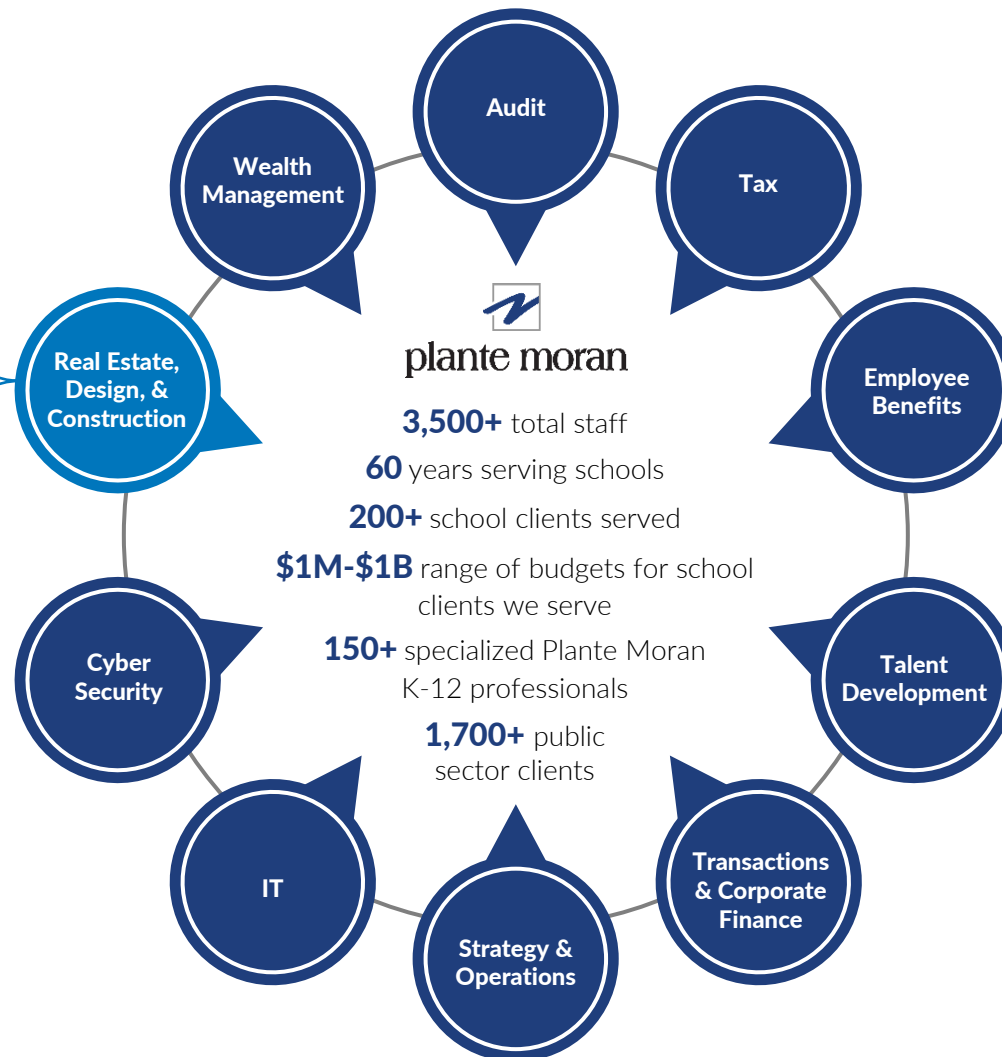**55+** in-house design and construction professionals

$3B+ in construction programs completed in the last 5 years

$6B+ in active construction program oversight

$10B in construction projects over the last 10 years

plante moran

3,500+ total staff

60 years serving schools

200+ school clients served

$1M-$1B range of budgets for school clients we serve

150+ specialized Plante Moran K-12 professionals

1,700+ public sector clients

Services (circle diagram): Audit, Tax, Employee Benefits, Talent Development, Transactions & Corporate Finance, Strategy & Operations, IT, Cyber Security, Real Estate, Design, & Construction, Wealth Management

Structured differently — to serve you differently

SEAMLESS SERVICE
Engaging with us will give you unfiltered access to the right experts at the right time through our affiliation with Plante Moran and Plante Moran Realpoint.

PERSONAL TOUCH
The better we know you, the better we can serve you. We build lasting relationships to foster a client-focused, collaborative culture.
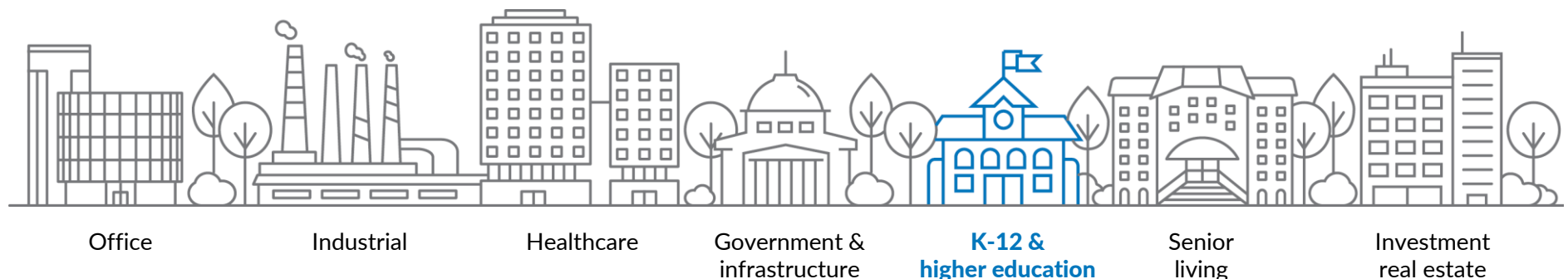
FUTURE-FOCUSED
Your future is our priority. We partner with you to ensure you achieve your goals today and beyond.

Plante Moran Realpoint Overview

Plante Moran Realpoint is a comprehensive, full-service real estate consulting and program management/owner's representative firm delivering successful capital projects concept through completion.

Scalable to any industry and size

Our clients span corporate offices to K-12 schools, single buildings to global portfolios. You get the full depth and breadth of our expertise, no matter the industry or scale of the project.

| Office | Industrial | Healthcare | Government & infrastructure | K-12 & higher education | Senior living | Investment real estate |

We bring a team of true industry experts

Our team of professionals brings a broad background of experience and skills.

- ✓ Accountants/CPAs
- ✓ Architects
- ✓ Attorneys
- ✓ Construction Experts

- ✓ Development Specialists
- ✓ Engineers
- ✓ Financial Analysts
- ✓ FF&E Procurement Specialists

- ✓ LEED-Accredited Professionals
- ✓ Project Managers
- ✓ Real Estate Professionals
- ✓ Relocation Managers

Real Estate, Facilities and Finance "Department for Hire"

We seamlessly integrate into your organization, providing leadership for any large capital program through a single point of contact.

Owner representation/ program management

- Project feasibility & delivery methods
- Program budget, schedule, & scope development
- Team selection & procurement
- Design & construction oversight
- Furniture, technology, & equipment coordination

Real estate consulting

- Development advisory & feasibility
- Incentives
- Public-private partnerships
- Market studies
- Facility condition assessments
- Workplace solutions
- Move-management coordination

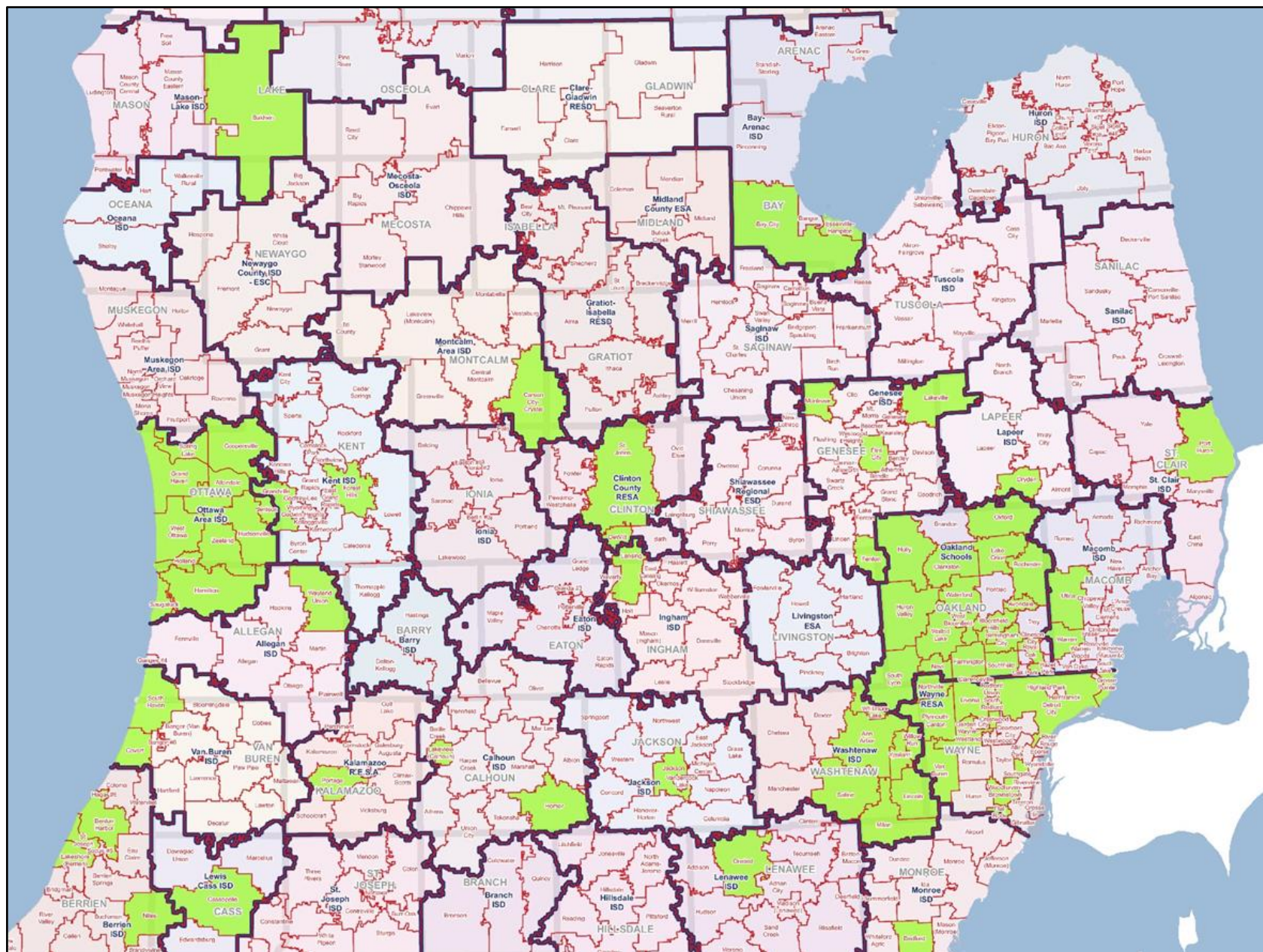## Real estate transaction management

- Tenant representation
- Investment acquisitions & dispositions
- Debt procurement
- National site selection
- Sale-leasebacks
- 1031 like-kind exchanges
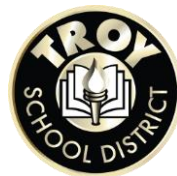- Lease administration

Plante Moran Realpoint Clients...A-Z

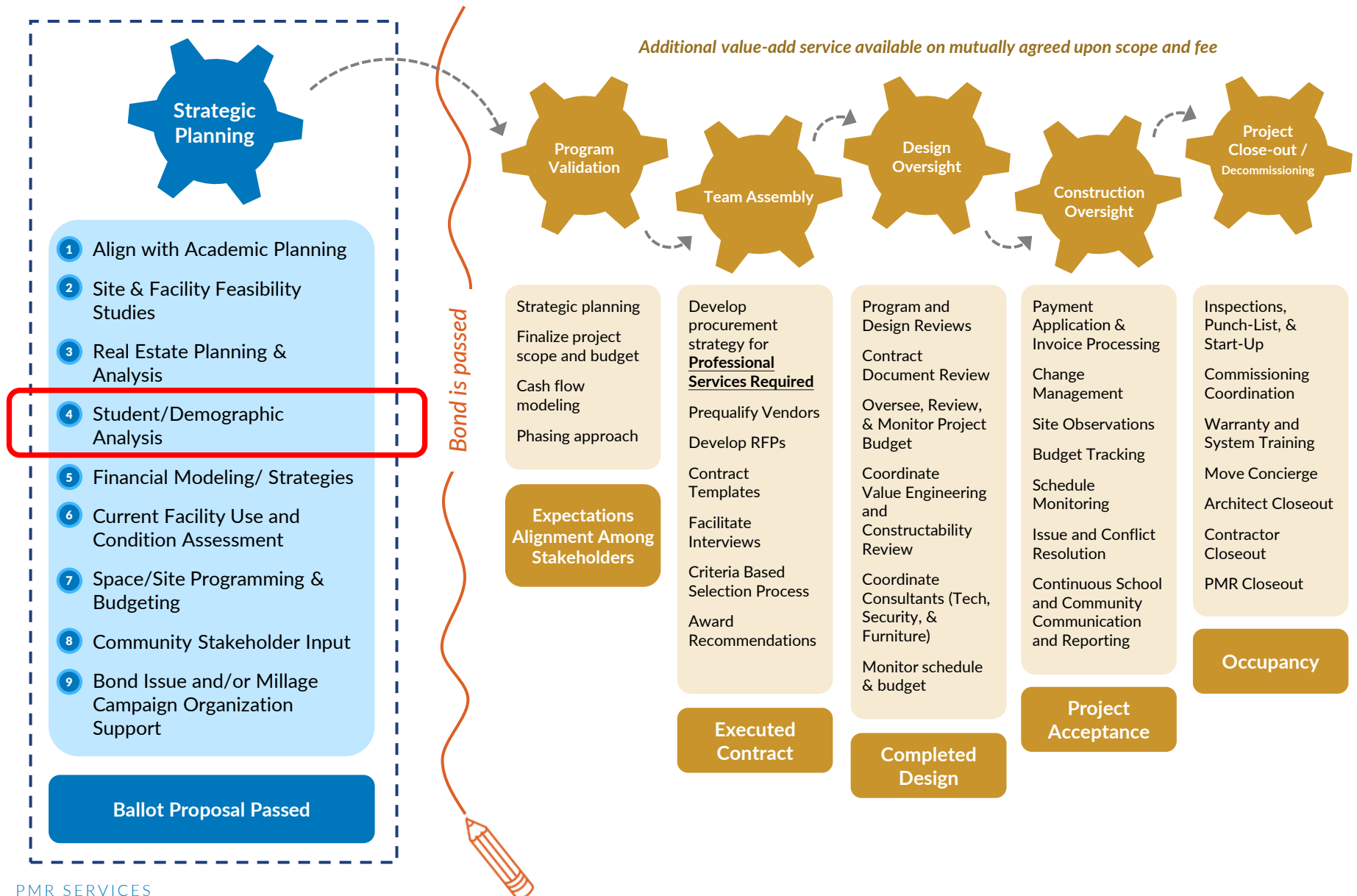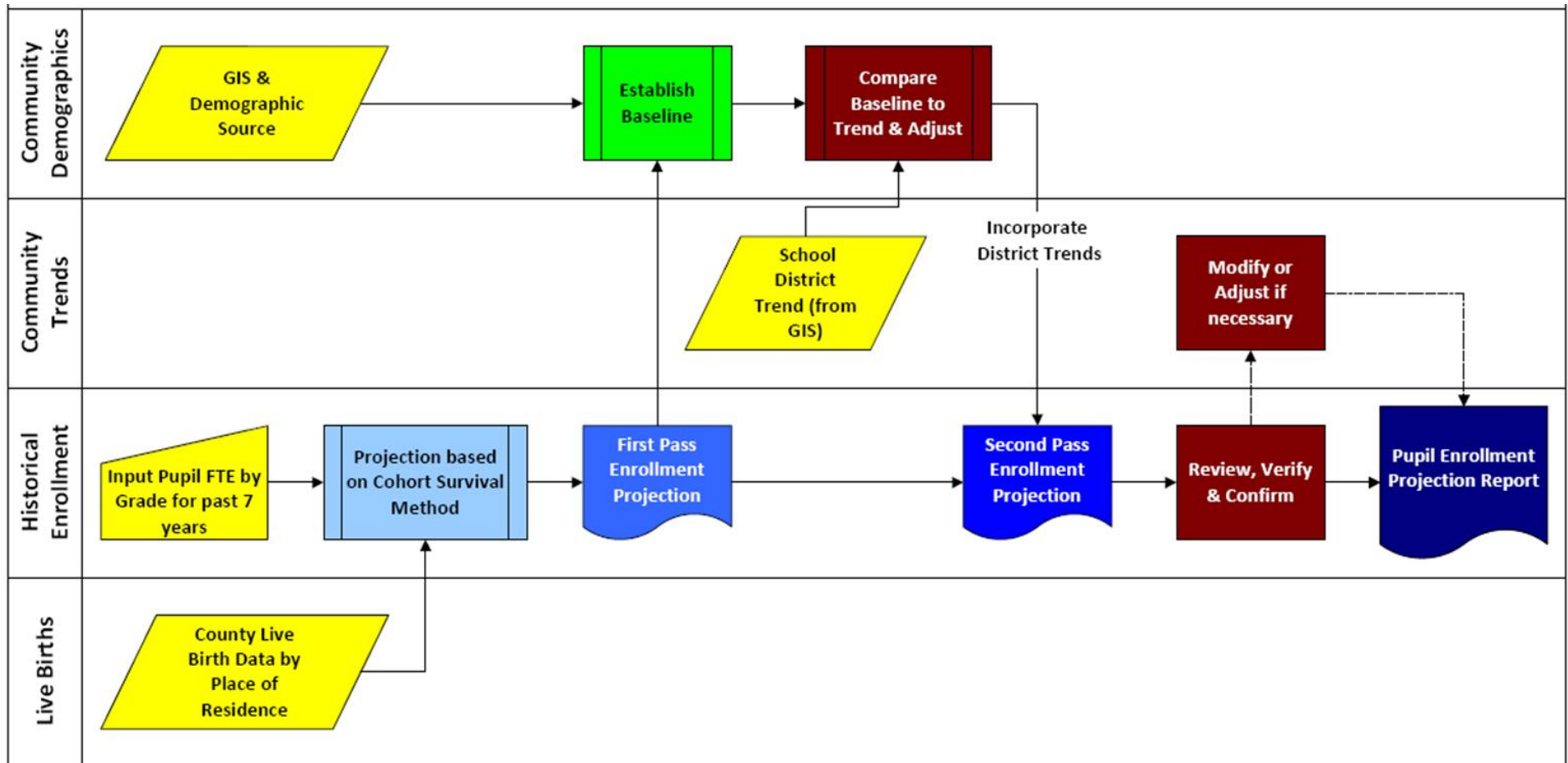**(PMR clients highlighted in green)**

Success Stories

SECTION 3

Approach

Approach to K-12 Strategic Planning

Strategic Planning

1. Align with Academic Planning
2. Site & Facility Feasibility Studies
3. Real Estate Planning & Analysis
4. Student/Demographic Analysis
5. Financial Modeling/ Strategies
6. Current Facility Use and Condition Assessment
7. Space/Site Programming & Budgeting
8. Community Stakeholder Input
9. Bond Issue and/or Millage Campaign Organization Support

Ballot Proposal Passed

Bond is passed

Additional value-add service available on mutually agreed upon scope and fee

Program Validation

Team Assembly

Design Oversight

Construction Oversight

Project Close-out / Decommissioning

Program Validation	Team Assembly	Design Oversight	Construction Oversight	Project Close-out / Decommissioning
Strategic planning	Develop procurement strategy for **Professional Services Required**	Program and Design Reviews	Payment Application & Invoice Processing	Inspections, Punch-List, & Start-Up
Finalize project scope and budget	Prequalify Vendors	Contract Document Review	Change Management	Commissioning Coordination
Cash flow modeling	Develop RFPs	Oversee, Review, & Monitor Project Budget	Site Observations	Warranty and System Training
Phasing approach	Contract Templates	Coordinate Value Engineering and Constructability Review	Budget Tracking	Move Concierge
	Facilitate Interviews		Schedule Monitoring	Architect Closeout
	Criteria Based Selection Process	Coordinate Consultants (Tech, Security, & Furniture)	Issue and Conflict Resolution	Contractor Closeout
	Award Recommendations	Monitor schedule & budget	Continuous School and Community Communication and Reporting	PMR Closeout

Expectations Alignment Among Stakeholders

Executed Contract

Completed Design

Project Acceptance

Occupancy

PMR Approach to Pupil Enrollment Projection Studies (PEPS)
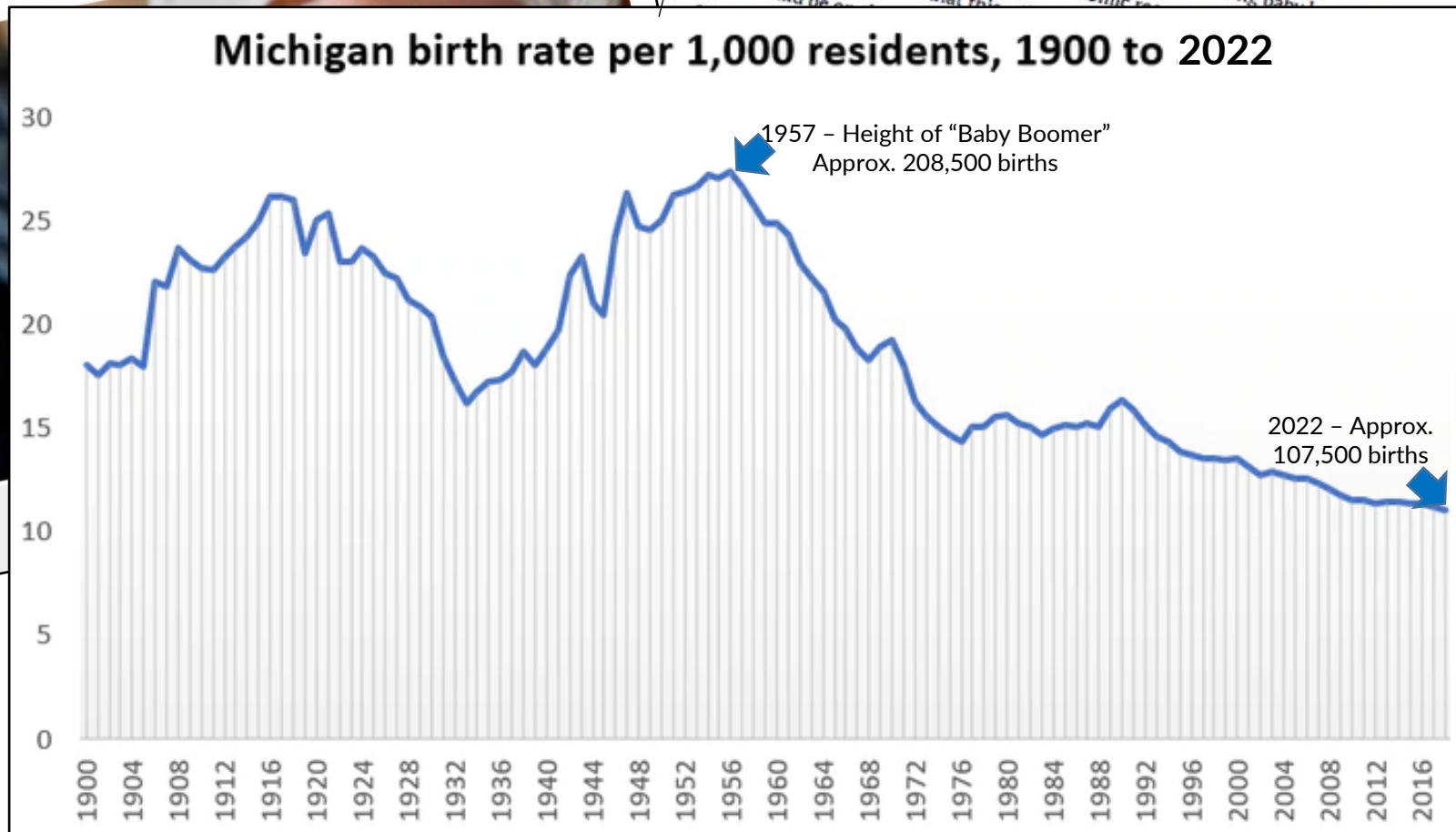
Key Factors for Consideration

Where are the kids going?!?

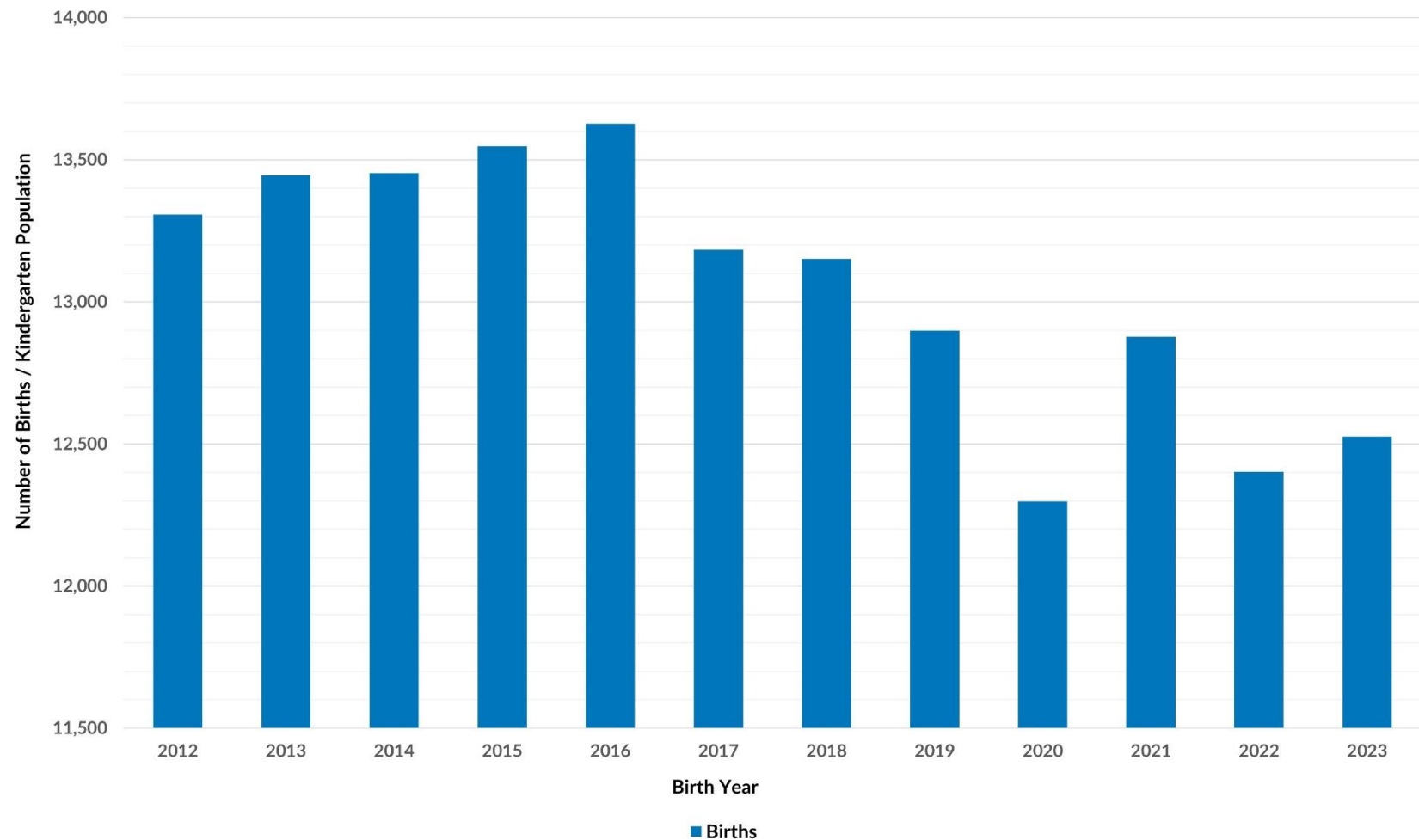**Michigan's birth rate hits record low. What's going on?**
Updated Oct 21, 2019; Posted Oct 20, 2019

BROOKINGS
Half a million fewer children? The coming COVID baby bust
Melissa S. Kearney and Phillip B. Levine Monday, June 15, 2020

The COVID-19 episode will likely lead to a large, lasting baby bust has thrust the country into an economic re... evidence suggest that thi... births could be one...

Michigan birth rate per 1,000 residents, 1900 to 2022

1957 – Height of "Baby Boomer"
Approx. 208,500 births

2022 – Approx. 107,500 births
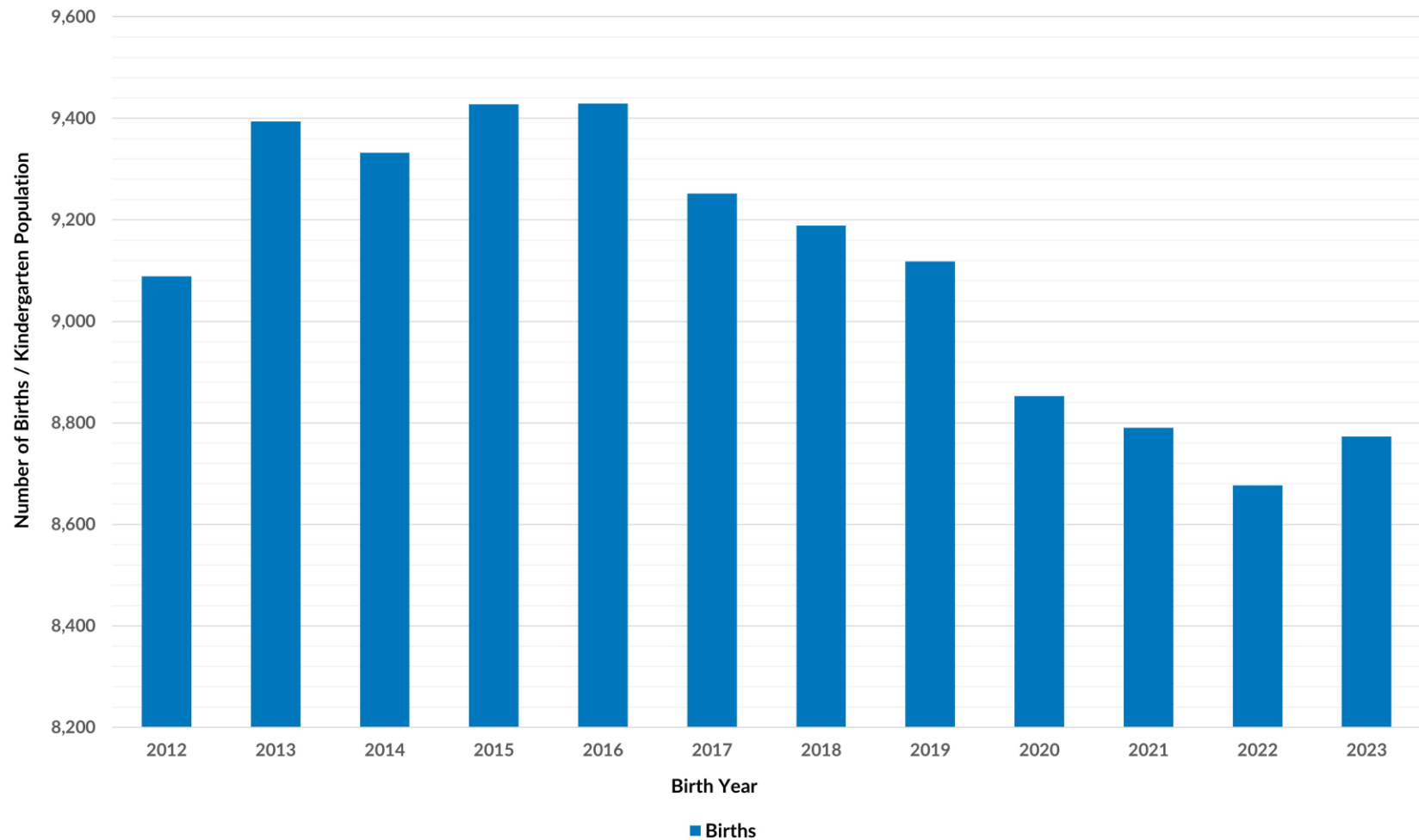
Where are the kids going?!?

Wayne County

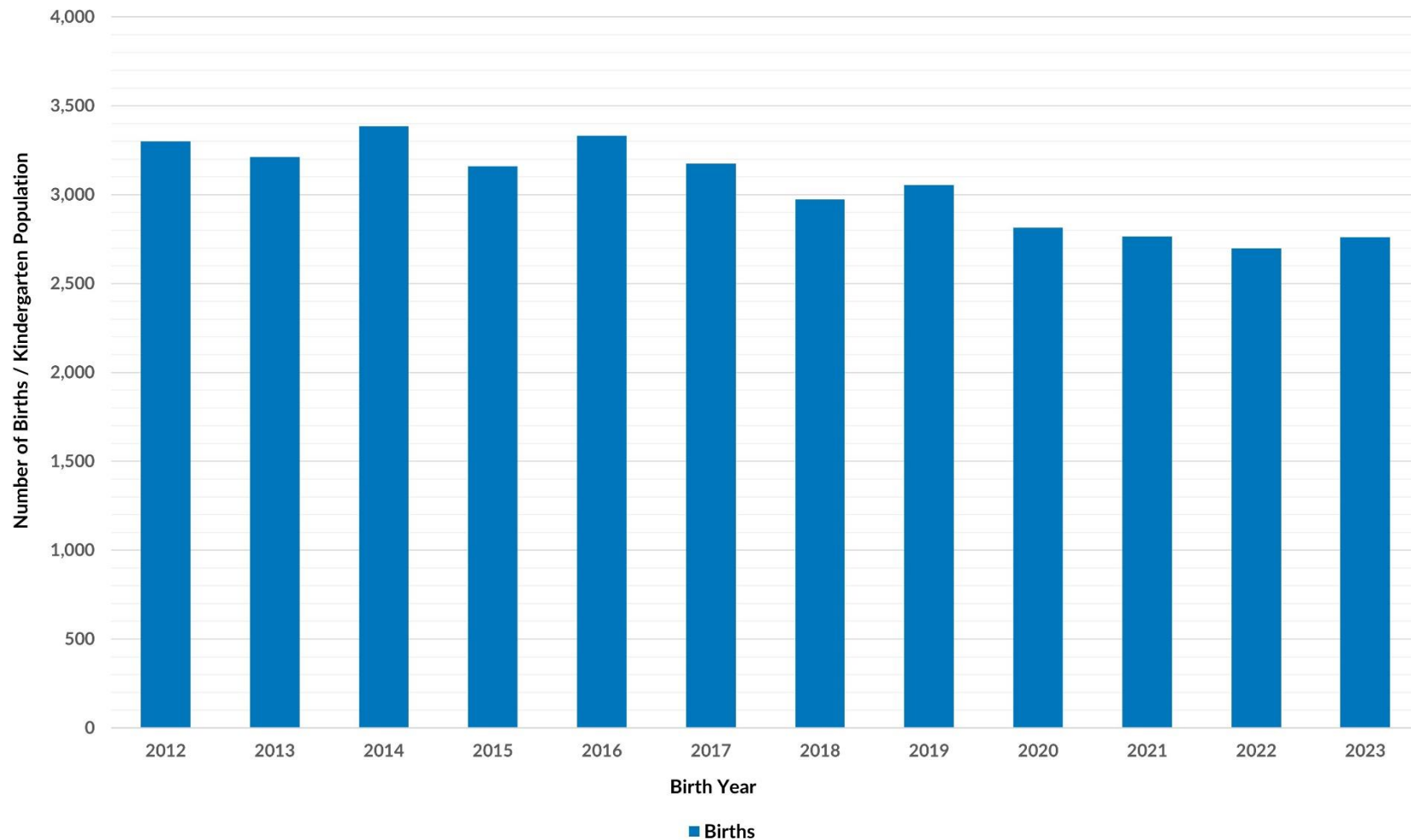# Where are the kids going?!?
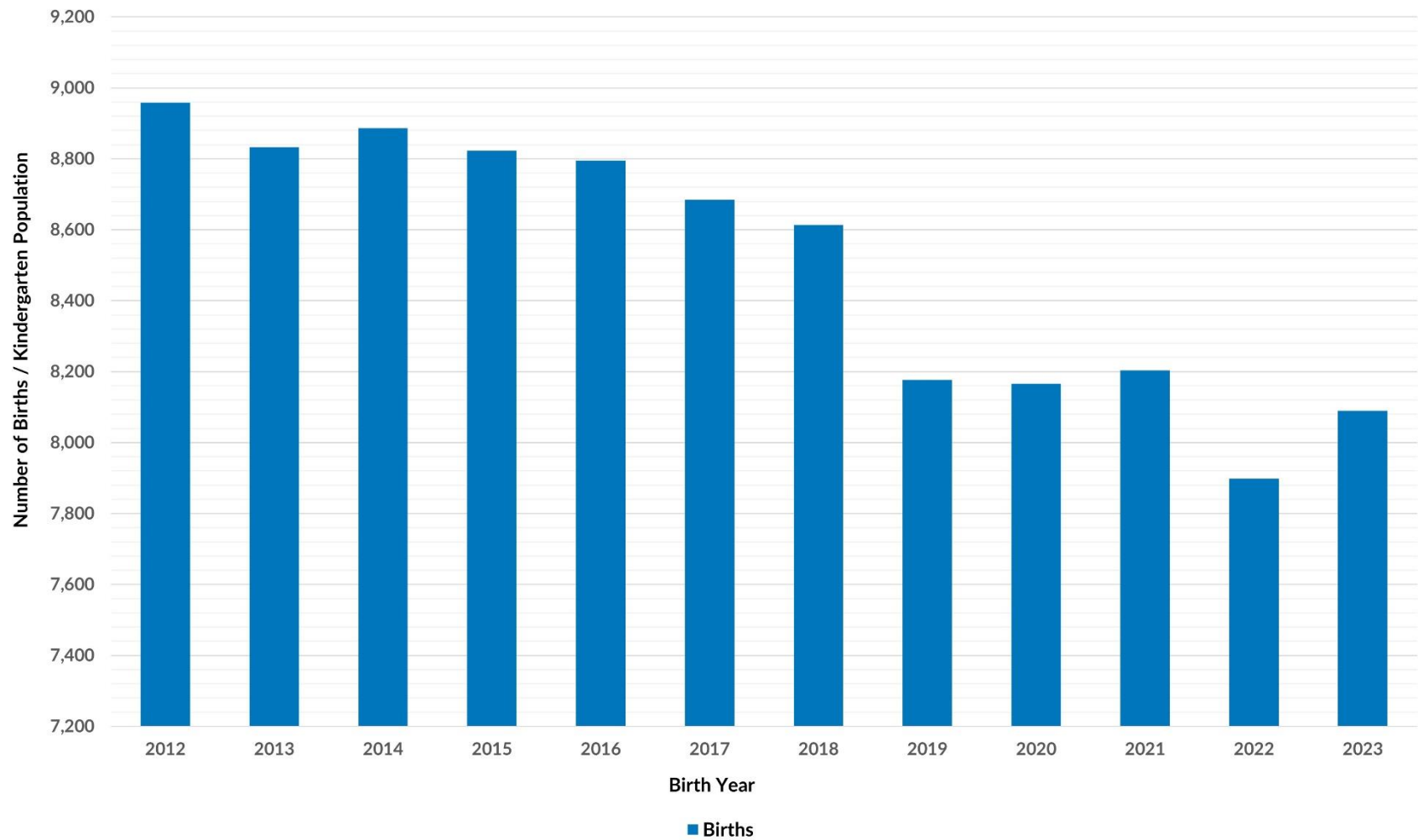

Oakland County

Where are the kids going?!?

Macomb County

Where are the kids going?!?

Ingham County

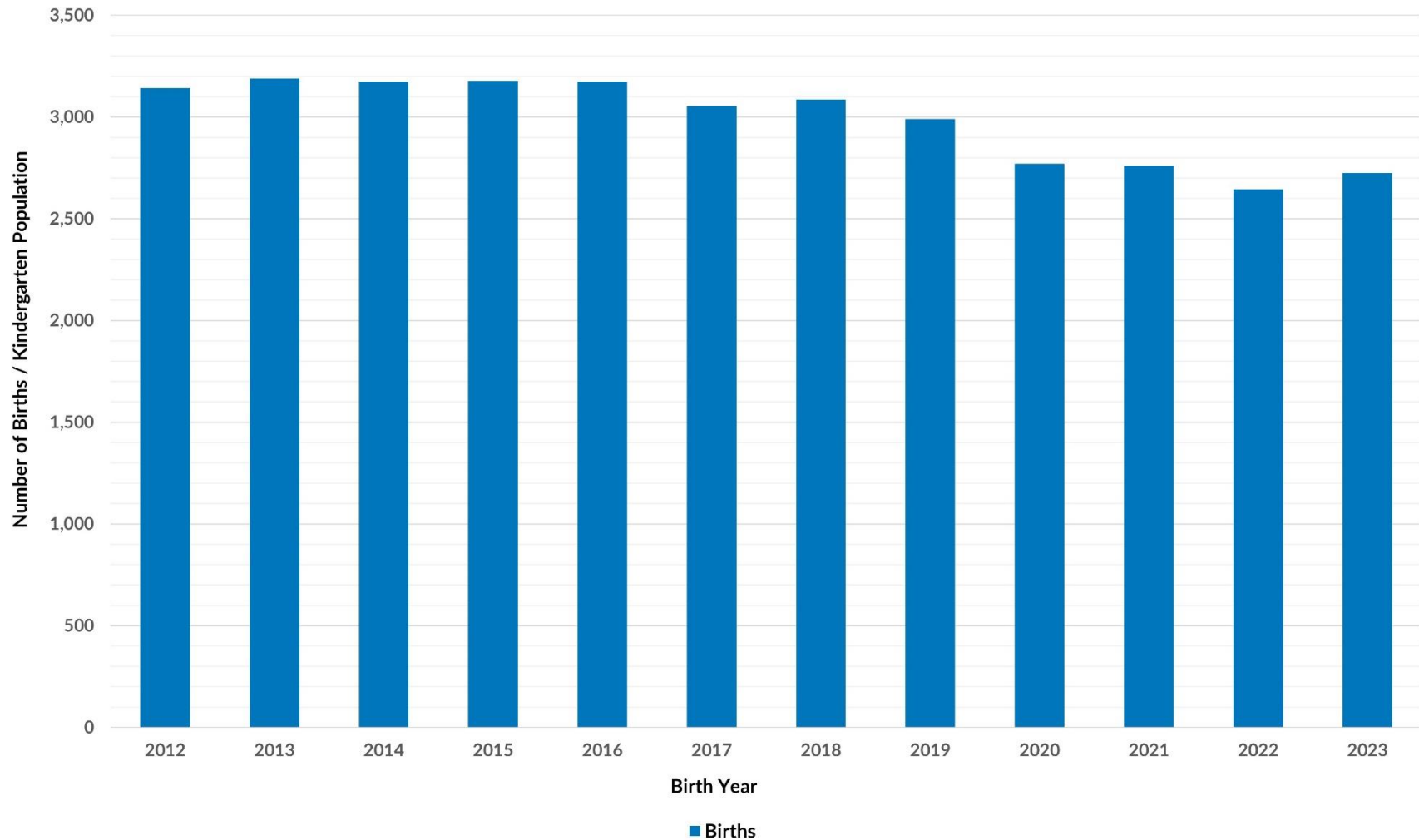# Where are the kids going?!?

Kent County

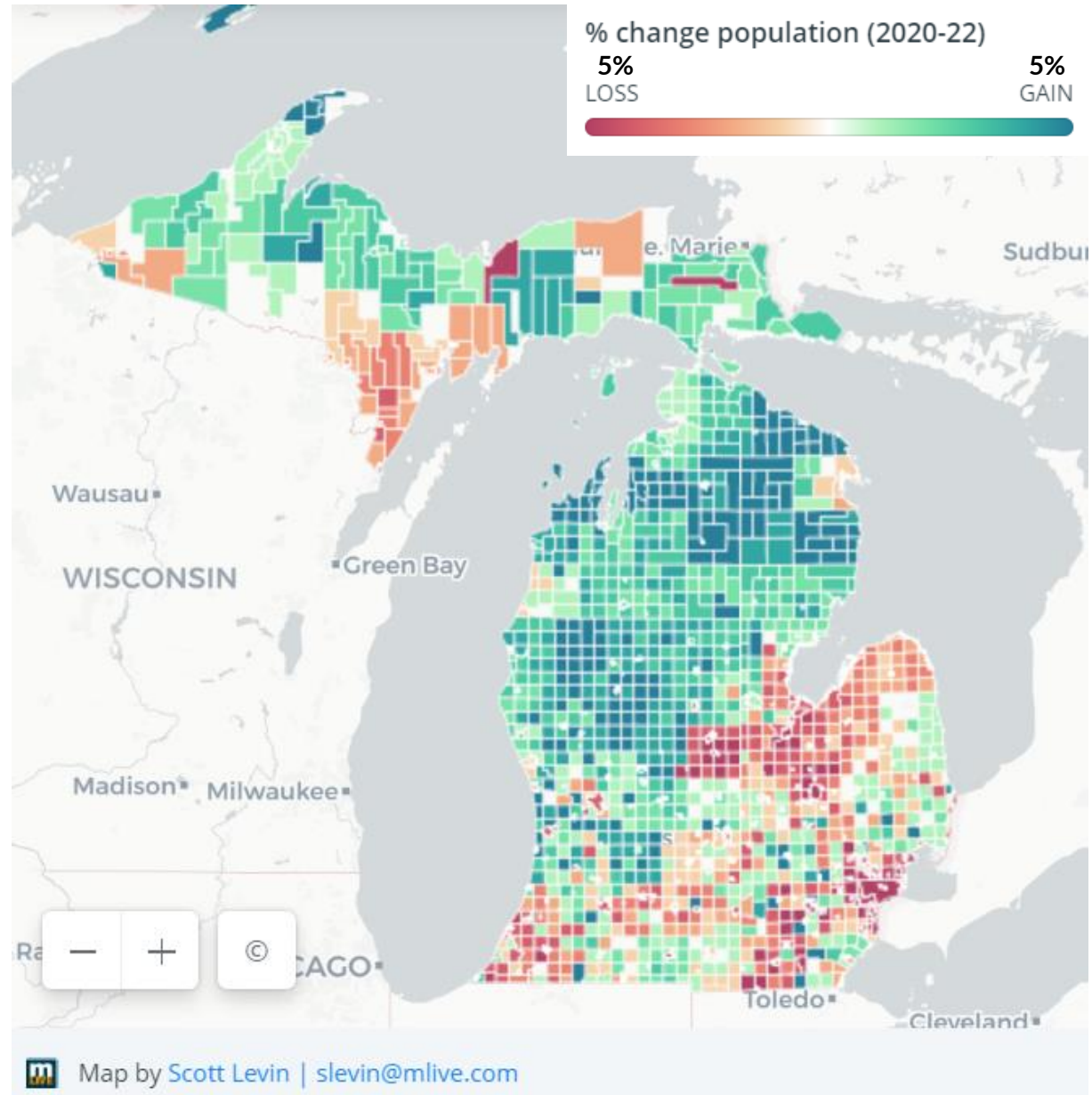# Where are the kids going?!?

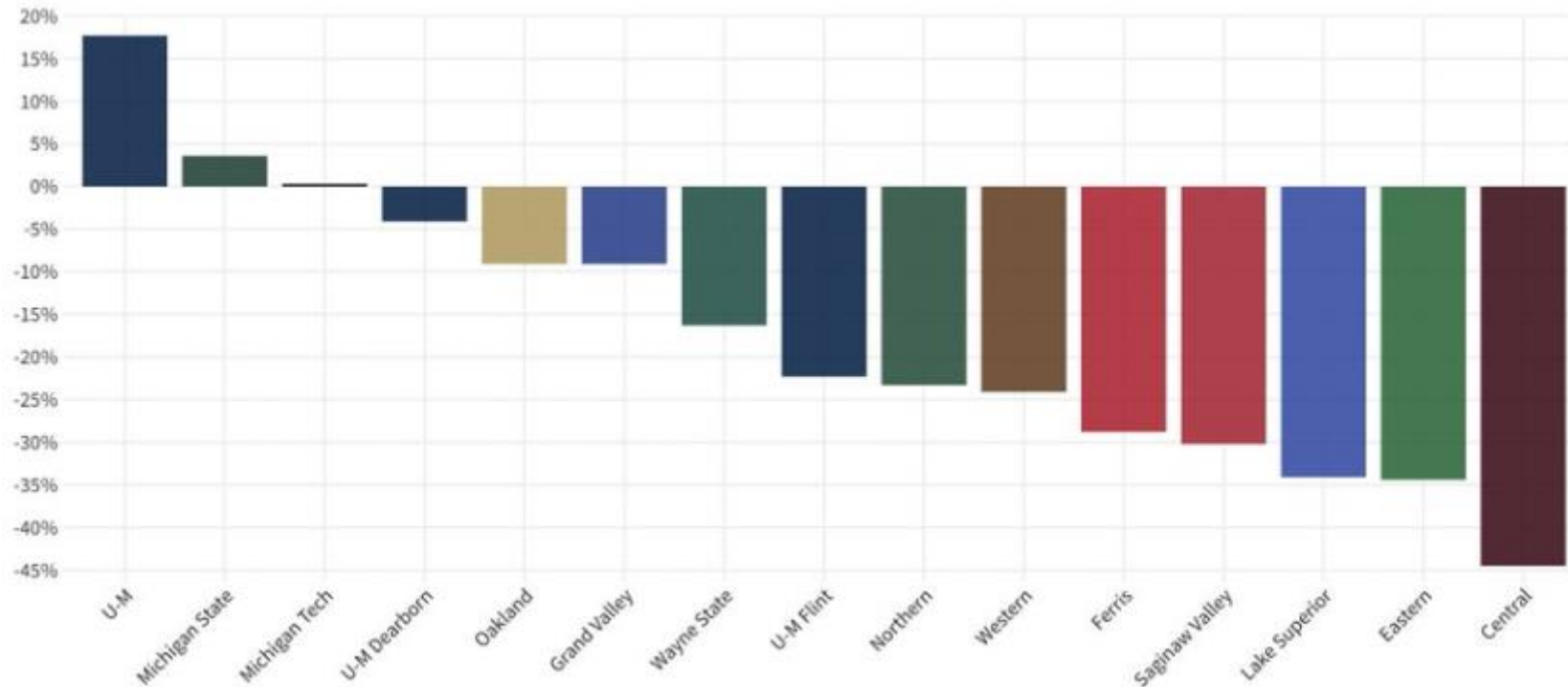Kalamazoo County

Who is going, who is growing?!?

Map by Scott Levin | slevin@mlive.com

Source: Mlive/CARTO

Who is going, who is growing?!?

...enrollment has dropped among Michigan's 15 public universities...3 had net gains...12 out of 15 had experienced decline.

Source: Michigan Association of State Universities/The Detroit News

Where are the kids going?!?

An independent study recently released a report detailing its 2045 forecast of school-age population in Michigan that forecasts a continued drop in school-age population.

Some highlights:

- School-age population has been declining since the early 2000's. The State has seen a 18.2% decline in 20 years (2000-2020).

- The percentage number is forecasted to drop another 10% by 2025.

- The impact has been seen in elementary and middle schools over the past 15 years. Going forward, the impact will be more prevalent at the high schools and post-secondary education levels

- At the individual school-district level, all but 12 of the 112 school districts in the report are forecasted to experience declines in school-age children between now and 2025.

- By 2026, the senior population (65+) will outnumber children in Michigan.
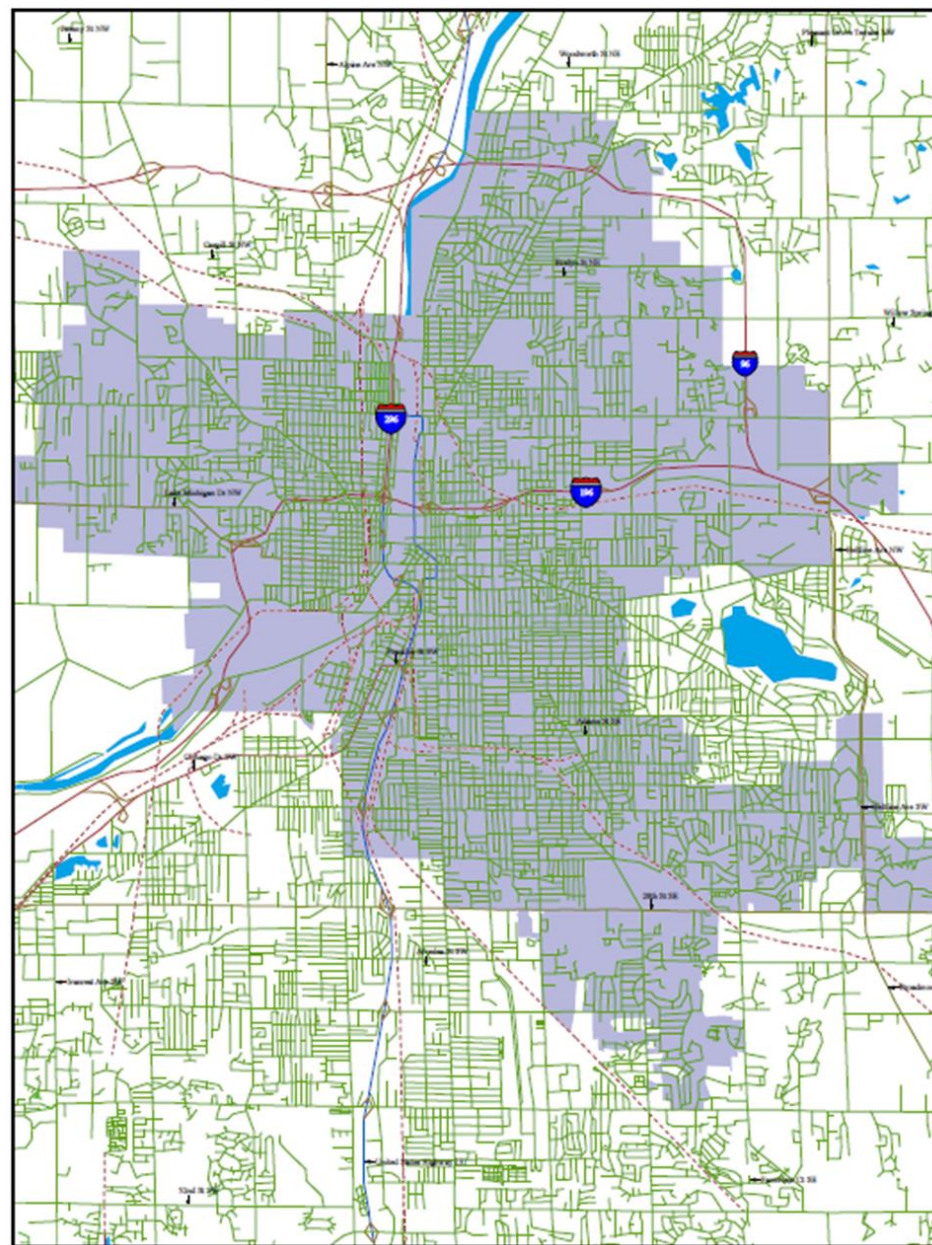
Translate Enrollment to Utilization

What does it mean?!?

- Demographic Trends
    - Individual District Boundary
    - GIS
    - US Census Bureau
    - Cohort Survival – DS 4061

❑ **Understanding the Information…**

- Total Number of Families
- Total Number of Households
- Households with PK-12 Kids
- Total Enrolled
  - Public PK-12
  - Private PK-12

	SAMPLE	County	Michigan
Total Number of Families	42,438	164,605	2,553,325
Total Number of Households	75,826	249,294	3,966,250
Average Household Size	2.47	2.58	2.47
Median Household Size	2.60	2.70	2.60
Median Age of Householder	47.3	49.9	53.0
Households with School Age Children	36,549	120,407	1,554,205
% of Household with School Age Children	48.2%	48.3%	39.2%
Average # of K-12 children per household	0.95	1.06	1.18
Average # of K-12 children per housing unit	0.48	0.48	0.39
Median Year Moved In	2009	2003	2004
Enrolled School Age Children PK-12	34,812	127,947	1,839,175
Enrolled in Public Pre-primary School	71.26%	62.75%	67.21%
Enrolled in Private Pre-primary School	28.74%	37.25%	32.79%
Enrolled in Public School (K-12)	79.48%	84.60%	89.35%
Enrolled in Private School (K-12)	20.52%	15.40%	10.65%

School District Data Book
••• General Characteristics Profile (Summary) •••

Primary Area:
Comparison Area 1: County of:
Comparison Area 2: State of:

	Primary Area	Comparison Area 1	Comparison Area 2
	Lakeview School District	Calhoun County	Michigan

	Primary Area	Comparison Area 1	Comparison Area 2
Enrolled School Age Children PK-12	4,043	25,258	1,839,175
Enrolled in Public Pre-primary School	75.35%	79.11%	67.21%
Enrolled in Private Pre-primary School	24.65%	20.89%	32.79%
Enrolled in Public School (K-12)	88.56%	93.37%	89.35%
Enrolled in Private School (K-12)	11.44%	6.63%	10.65%

❑ Understanding the Information…

- How many kids are in your district?
- What percentage attend at;
  - PK Public vs. Private
  - K-12 Public vs. Private

Demographic Trends and Analysis Summary

City Name:
CBSA (Metropolitan Area) Name:
County Name & Code: 26025
State Name:

	2010	2019	2024	Variance	Percent
Total Population	22,550	22,265	22,711	446	2.0%
Median Age	59.5	40.7	41.7	1.0	N/A
Total Aged 0-5 Years Old	1,766	1,655	1,574	(59)	-5.6%
Total Aged 6-11 Years Old	1,745	1,651	1,625	(26)	-1.6%
Total Aged 12-17 Years Old	1,875	1,755	1,704	(49)	-2.8%
Total Aged 18-24 Years Old	1,858	1,704	1,686	(21)	-1.2%

Total Households
  Median Household Size
  1 Person Households
  2 Person Households
  3 Person Households
  4 Person Households
  5 Person Households
  6 Person Households
  7 or more Person Households
  Median Age of Householder

Families:
  Family, Median Size
  Family, Median Age

Income Profile
	2010	2019	2024		
Total Household Income (Community)	$ 690,252,679	$ 898,952,598	$ 1,048,054,816	$ 149,082,218	16.6%
Median Household Income	$ 55,592	$ 70,579	$ 81,582	$ 11,205	15.9%
Average Household Income	$ 72,225	$ 95,602	$ 105,916	$ 12,514	15.2%
Per Capita Household Income	$ 50,741	$ 40,517	$ 46,507	$ 5,790	14.5%
Household High Average Income	$ 554,898	$ 650,274	$ 652,849	$ 2,575	0.7%
Households Earning < $15K	766	599	520	(79)	-15.2%
Households Earning $15-25K	1,040	625	590	(255)	-57.6%
Households Earning $25-35K	1,166	854	655	(181)	-21.7%
Households Earning $35-50K	1,559	1,524	1,214	(110)	-8.5%
Households Earning $50-75K	1,846	1,742	1,784	42	2.4%
Households Earning $75-100K	1,505	1,422	1,468	46	5.2%
Households Earning $100-125K	695	1,125	1,597	272	24.2%
Households Earning $125-150K	560	659	852	215	55.5%
Households Earning $150-200K	588	525	622	99	18.9%
Households Earning $200K+	455	771	995	224	29.1%

				2019 - 2024	
	2010	**2019**	**2024**	**Variance**	**Percent**
Total Population	22,530	22,265	22,711	446	2.0%
Median Age	39.3	40.7	41.7	1.0	N/A
Total Aged 0-5 Years Old	1,766	1,633	1,574	(59)	-3.6%
Total Aged 6-11 Years Old	1,745	1,651	1,625	(26)	-1.6%
Total Aged 12-17 Years Old	1,875	1,753	1,704	(49)	-2.8%
Total Aged 18-24 Years Old	1,838	1,704	1,683	(21)	-1.2%

❑ **Understanding the Trends…**

- ▪ **5-year Modelling**
- ▪ **Each Cohort Level Detail**

Population Trend by Age Groups
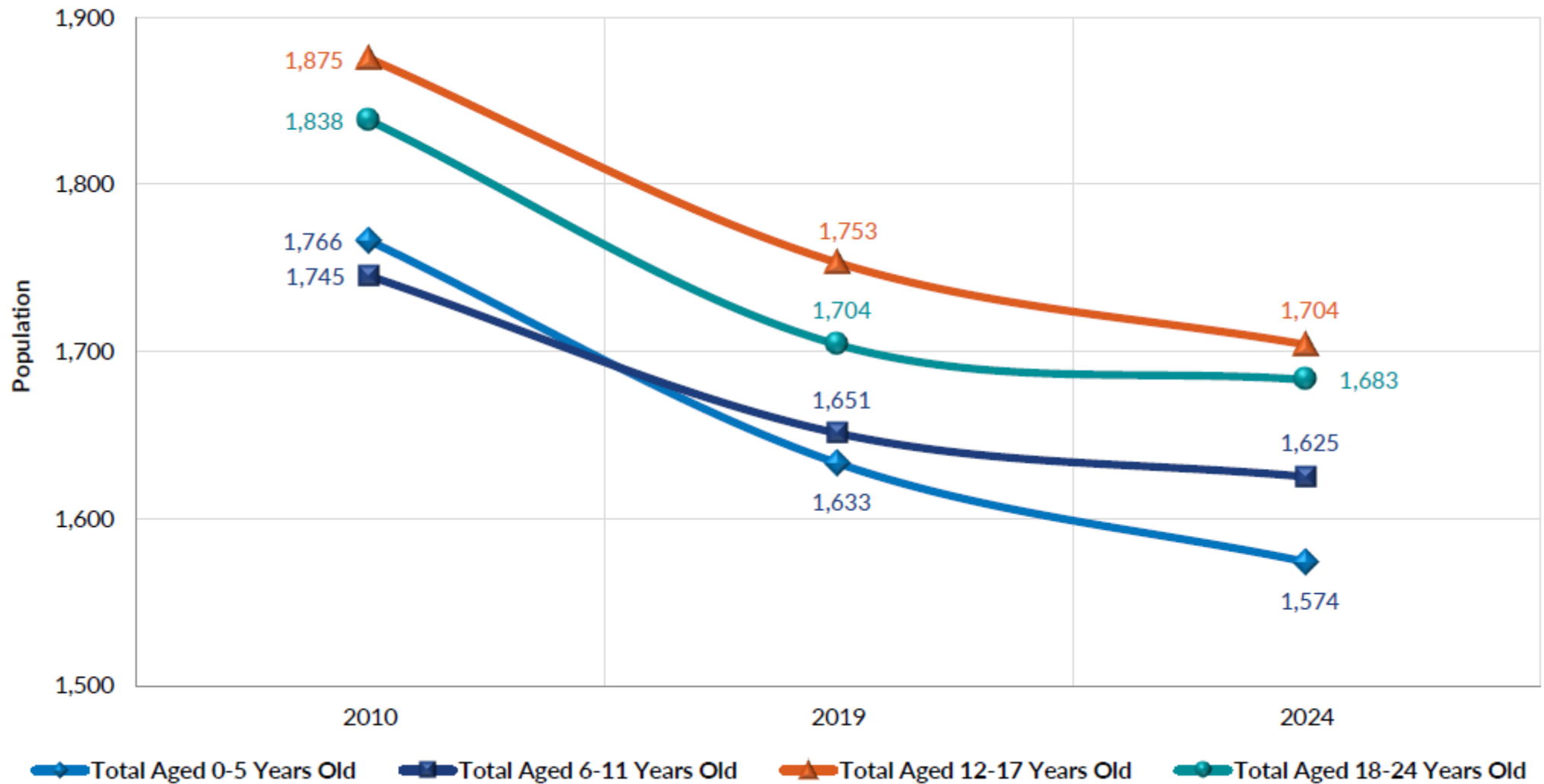
START HERE

ENROLLMENT PROJECTION USING COHORT SURVIVAL METHOD
& Adjusted to Community Demographic Trends

Historical | Projected

| BASED ON | 2019 | FALL | FTE |
DISTRICT WIDE (ALL PUPILS)

Educational Agency Name:
County:

Birth Yr	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Births	3,167	3,083	3,124	3,044	3,142	3,189	3,174	3,179	3,174	3,055	3,086	3,105
K% Birth	44.02%	43.21%	41.36%	45.79%	42.36%	40.22%	42.84%	42.83%	42.66%	42.58%	42.75%	42.32%

Anticipated Non-historical Factor: -0.11%

	Historical Data							Projection Data									
	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
Grade	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
K	1,394	1,332	1,292	1,394	1,331	1,283	1,360	1,362	1,354	1,301	1,319	1,314	N.A.	N.A.	N.A.	N.A.	N.A.
1	1,490	1,418	1,382	1,321	1,380	1,301	1,283	1,368	1,370	1,363	1,309	1,328	1,322	N.A.	N.A.	N.A.	N.A.
		101.71%	103.72%	102.27%	99.01%	97.74%	100.03%	100.63%	100.63%	100.63%	100.63%	100.63%	100.63%	100.63%	100.63%	100.63%	100.63%
2	1,462	1,434	1,376	1,328	1,238	1,301	1,232	1,222	1,303	1,305	1,298	1,247	1,265	1,259	N.A.	N.A.	N.A.
		96.27%	97.06%	96.14%	93.67%	94.28%	94.72%	95.25%	95.25%	95.25%	95.25%	95.25%	95.25%	95.25%	95.25%	95.25%	95.25%
3	1,391	1,401	1,357	1,348	1,253	1,158	1,238	1,172	1,163	1,240	1,241	1,235	1,186	1,203	1,198	N.A.	N.A.
		95.85%	94.63%	97.97%	94.36%	93.55%	95.13%	95.13%	95.13%	95.13%	95.13%	95.13%	95.13%	95.13%	95.13%	95.13%	95.13%
4	1,280	1,322	1,332	1,294	1,250	1,184	1,093	1,168	1,106	1,097	1,170	1,172	1,165	1,119	1,135	1,131	N.A.
		95.02%	95.05%	95.34%	92.70%	94.48%	94.36%	94.38%	94.38%	94.38%	94.38%	94.38%	94.38%	94.38%	94.38%	94.38%	94.38%
5	1,193	1,251	1,305	1,302	1,262	1,214	1,150	1,066	1,139	1,079	1,070	1,141	1,143	1,137	1,092	1,108	1,103
		97.72%	98.72%	97.77%	97.56%	97.12%	97.08%	97.55%	97.55%	97.55%	97.55%	97.55%	97.55%	97.55%	97.55%	97.55%	97.55%
6	1,169	1,206	1,248	1,276	1,309	1,277	1,214	1,149	1,065	1,139	1,079	1,070	1,141	1,142	1,136	1,091	1,107
		101.10%	99.72%	97.75%	100.51%	101.17%	99.99%	99.93%	99.93%	99.93%	99.93%	99.93%	99.93%	99.93%	99.93%	99.93%	99.93%
7	1,136	1,149	1,149	1,177	1,255	1,250	1,229	1,168	1,105	1,025	1,096	1,038	1,029	1,098	1,099	1,093	1,050
		98.32%	95.27%	94.33%	98.35%	95.50%	96.26%	96.22%	96.22%	96.22%	96.22%	96.22%	96.22%	96.22%	96.22%	96.22%	96.22%
8	1,109	1,115	1,081	1,127	1,188	1,147	1,209	1,186	1,127	1,066	989	1,057	1,001	993	1,059	1,060	1,054
		98.17%	94.06%	98.13%	100.98%	91.41%	96.68%	96.46%	96.46%	96.46%	96.46%	96.46%	96.46%	96.46%	96.46%	96.46%	96.46%
9	1,269	1,250	1,024	1,348	1,225	1,089	1,247	1,284	1,260	1,197	1,133	1,050	1,123	1,064	1,055	1,125	1,126
		112.75%	91.85%	124.67%	108.65%	91.62%	108.68%	106.26%	106.26%	106.26%	106.26%	106.26%	106.26%	106.26%	106.26%	106.26%	106.26%
10	894	885	1,040	920	963	953	833	972	1,002	983	934	884	819	876	830	823	877
		69.74%	83.23%	89.79%	71.50%	77.85%	76.54%	77.99%	77.99%	77.99%	77.99%	77.99%	77.99%	77.99%	77.99%	77.99%	77.99%
11	679	744	749	701	848	838	778	688	803	827	811	771	729	676	723	685	679
		83.22%	84.60%	67.39%	92.20%	86.96%	81.61%	82.55%	82.55%	82.55%	82.55%	82.55%	82.55%	82.55%	82.55%	82.55%	82.55%
12	540	575	597	531	582	775	677	636	562	656	676	663	630	596	553	591	560
		84.59%	90.21%	70.93%	82.97%	91.43%	80.79%	81.71%	81.71%	81.71%	81.71%	81.71%	81.71%	81.71%	81.71%	81.71%	81.71%
K - 12	15,008	15,083	14,932	15,068	15,084	14,770	14,542	14,441	14,359	14,277	14,124	13,968	N.A.	N.A.	N.A.	N.A.	N.A.
Year-to-Year #Growth:		76	-151	135	17	-314	-229	-101	-82	-82	-153	-156					
Year-to-Year %Growth:		0.50%	-1.00%	0.91%	0.11%	-2.08%	-1.55%	-0.69%	-0.57%	-0.57%	-1.07%	-1.11%					
SE	1,937	1,838	1,779	1,726	1,590	1,439	1,539	1,529	1,520	1,511	1,495	1,479					
AE	-	-	-	-	-	-	-	-	-	-	-	-					
Totals	16,945	16,922	16,712	16,794	16,674	16,209	16,081	15,969	15,879	15,788	15,619	15,447					

Projections for special education pupils are based on the 2019 data, the AE pupils are based on a 3-year averaging trend, neither are affected by community demographics.

Note: K-12 General Education Pupil Enrollment history and projections do not include self-contained special education, alternative education or part-time students (in FTE's).

ENROLLMENT PROJECTION USING COHORT SURVIVAL METHOD
& Adjusted to Community Demographic Trends

Historical ← | → Projected

Grade Pattern Compilation

BASED ON	2019	FALL	FTE

DISTRICT WIDE (ALL PUPILS)

| Grade Pattern	Historical Data							Projection Data									
	2013 2014	2014 2015	2015 2016	2016 2017	2017 2018	2018 2019	2019 2020	2020 2021	2021 2022	2022 2023	2023 2024	2024 2025	2025 2026	2026 2027	2027 2028	2028 2029	2029 2030
K-1	2,884	2,750	2,674	2,715	2,711	2,584	2,643	2,730	2,724	2,663	2,628	2,642	N.A.	N.A.	N.A.	N.A.	N.A.
K-2	4,346	4,184	4,050	4,043	3,949	3,884	3,875	3,952	4,027	3,968	3,926	3,889	N.A.	N.A.	N.A.	N.A.	N.A.
K-3	5,738	5,586	5,407	5,392	5,202	5,042	5,113	5,124	5,190	5,208	5,168	5,123	N.A.	N.A.	N.A.	N.A.	N.A.
K-4	7,018	6,908	6,739	6,686	6,452	6,227	6,205	6,292	6,296	6,305	6,338	6,295	N.A.	N.A.	N.A.	N.A.	N.A.
K-5	8,211	8,159	8,045	7,988	7,714	7,441	7,355	7,358	7,436	7,385	7,408	7,436	N.A.	N.A.	N.A.	N.A.	N.A.
K-6	9,379	9,365	9,292	9,264	9,023	8,718	8,569	8,507	8,501	8,523	8,487	8,506	N.A.	N.A.	N.A.	N.A.	N.A.
1-2	2,952	2,852	2,758	2,650	2,618	2,602	2,515	2,590	2,673	2,668	2,607	2,574	2,587	N.A.	N.A.	N.A.	N.A.
1-3	4,343	4,254	4,115	3,998	3,871	3,760	3,753	3,763	3,836	3,907	3,848	3,809	3,773	N.A.	N.A.	N.A.	N.A.
1-4	5,624	5,576	5,447	5,292	5,121	4,944	4,846	4,931	4,942	5,005	5,018	4,981	4,938	N.A.	N.A.	N.A.	N.A.
1-5	6,816	6,827	6,752	6,594	6,383	6,158	5,995	5,997	6,082	6,084	6,089	6,122	6,081	N.A.	N.A.	N.A.	N.A.
1-6	7,985	8,033	8,000	7,870	7,692	7,435	7,209	7,145	7,147	7,223	7,167	7,192	7,222	N.A.	N.A.	N.A.	N.A.
2-3	2,854	2,836	2,733	2,677	2,491	2,459	2,470	2,394	2,466	2,545	2,539	2,481	2,451	2,463	N.A.	N.A.	N.A.
2-4	4,134	4,158	4,066	3,971	3,741	3,643	3,563	3,562	3,572	3,642	3,709	3,653	3,616	3,582	N.A.	N.A.	N.A.
2-5	5,327	5,409	5,371	5,273	5,003	4,857	4,712	4,628	4,712	4,721	4,780	4,795	4,759	4,719	N.A.	N.A.	N.A.
2-6	6,495	6,615	6,619	6,549	6,312	6,134	5,926	5,777	5,777	5,860	5,858	5,864	5,900	5,861	N.A.	N.A.	N.A.
3-4	2,672	2,724	2,689	2,642	2,503	2,342	2,330	2,340	2,269	2,337	2,412	2,406	2,351	2,323	2,334	N.A.	N.A.
3-5	3,864	3,975	3,995	3,945	3,766	3,556	3,480	3,406	3,409	3,416	3,482	3,548	3,494	3,459	3,426	N.A.	N.A.
3-6	5,033	5,181	5,242	5,221	5,075	4,833	4,694	4,555	4,474	4,555	4,561	4,617	4,635	4,601	4,561	N.A.	N.A.
4-5	2,473	2,573	2,637	2,596	2,512	2,398	2,242	2,234	2,246	2,177	2,241	2,313	2,308	2,256	2,227	2,238	N.A.
4-6	3,642	3,779	3,885	3,872	3,821	3,675	3,456	3,383	3,311	3,315	3,319	3,383	3,449	3,398	3,363	3,330	N.A.
5-6	2,361	2,457	2,553	2,578	2,571	2,491	2,363	2,215	2,204	2,218	2,149	2,211	2,284	2,279	2,228	2,199	2,210
5-7	3,498	3,606	3,702	3,755	3,826	3,741	3,593	3,383	3,310	3,243	3,245	3,249	3,313	3,376	3,327	3,292	3,260
5-8	4,606	4,721	4,782	4,882	5,015	4,888	4,801	4,568	4,436	4,309	4,233	4,306	4,314	4,369	4,386	4,352	4,314
6-7	2,305	2,355	2,396	2,453	2,564	2,527	2,443	2,317	2,170	2,163	2,174	2,107	2,170	2,240	2,235	2,184	2,157
6-8	3,414	3,470	3,477	3,580	3,752	3,674	3,652	3,502	3,297	3,230	3,163	3,164	3,171	3,232	3,294	3,244	3,211
7-8	2,245	2,265	2,230	2,304	2,443	2,397	2,438	2,354	2,232	2,091	2,084	2,095	2,030	2,090	2,158	2,153	2,104
7-9	3,514	3,514	3,254	3,652	3,668	3,486	3,684	3,638	3,492	3,288	3,217	3,145	3,153	3,154	3,213	3,278	3,231
7-10	4,409	4,400	4,294	4,571	4,632	4,439	4,518	4,610	4,494	4,271	4,151	4,029	3,972	4,030	4,042	4,101	4,108
7-11	5,088	5,144	5,043	5,273	5,480	5,277	5,296	5,298	5,296	5,098	4,962	4,799	4,702	4,706	4,765	4,786	4,787
7-12	5,628	5,719	5,640	5,804	6,061	6,053	5,973	5,934	5,858	5,754	5,638	5,462	5,332	5,302	5,318	5,376	5,347
8-9	2,378	2,365	2,105	2,475	2,413	2,236	2,455	2,470	2,387	2,263	2,121	2,107	2,124	2,057	2,114	2,185	2,181
8-10	3,272	3,250	3,146	3,395	3,377	3,189	3,289	3,442	3,388	3,246	3,055	2,991	2,943	2,932	2,943	3,008	3,058
8-11	3,952	3,995	3,894	4,096	4,225	4,027	4,067	4,130	4,191	4,073	3,866	3,762	3,673	3,609	3,666	3,693	3,737
8-12	4,492	4,570	4,492	4,627	4,806	4,803	4,744	4,766	4,753	4,729	4,542	4,424	4,302	4,205	4,219	4,283	4,297
9-10	2,164	2,135	2,065	2,267	2,188	2,042	2,080	2,257	2,262	2,180	2,067	1,934	1,942	1,940	1,885	1,948	2,004
9-11	2,843	2,879	2,814	2,968	3,036	2,880	2,858	2,945	3,064	3,007	2,878	2,705	2,672	2,616	2,609	2,633	2,683
9-12	3,384	3,454	3,411	3,500	3,618	3,655	3,535	3,580	3,626	3,662	3,553	3,368	3,301	3,212	3,160	3,223	3,243
10-12	2,114	2,204	2,386	2,152	2,393	2,567	2,288	2,296	2,366	2,465	2,420	2,317	2,178	2,148	2,105	2,098	2,116

You have the enrollment info, now what?!?

❑ Review of School Enrollment Utilization and Capacities:

- Per Classroom by Grade Level (District should review two densities)

  - State qualification standard (85% utilization)

  - Current District assignment/contract capacity

❑ Enrollment Calculations and Utilization may NOT include:

- Gym and Multipurpose Room

- Art Room or Music Room

- Computer Lab / STEM Lab

- Special Ed., Pre-K, and other dedicated special purpose classrooms

TODAY'S LESSON: BETTER CLASSROOM DESIGN
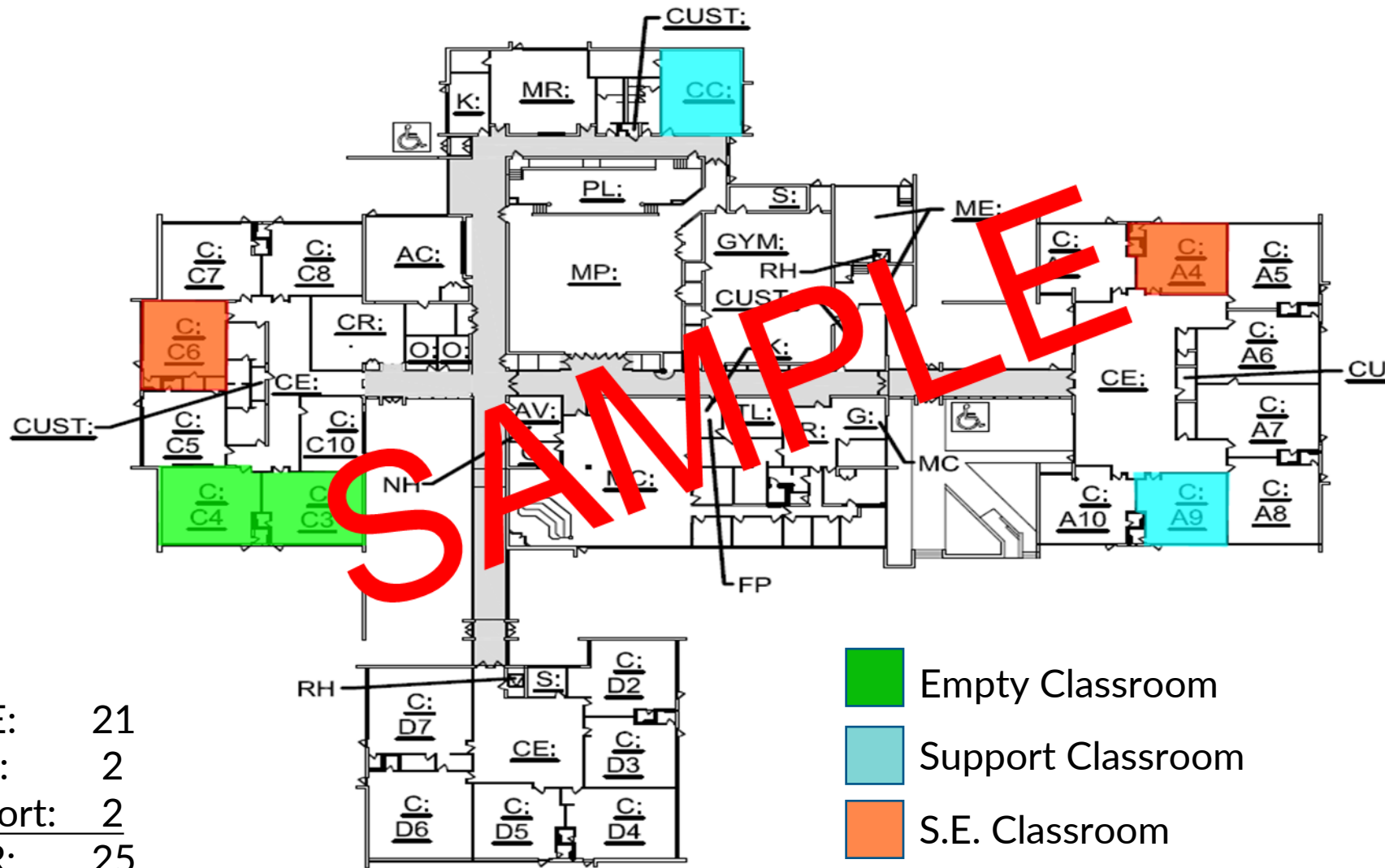
Example:
Total # of GE: 21
Total # of SE: 2
Total # Support: 2
Total # of CR: 25

🟩 Empty Classroom

🟦 Support Classroom

🟧 S.E. Classroom

(21) GE classrooms x 25 students per grade = 525 student capacity
Current Enrollment = 375 students
Utilization Calculation = 71% (capacity for an additional 150 students)

❑ **Going forward for future success**

- Truly understand your District's current and projected enrollment by grade level

- Where are the opportunities for programming/efficiencies

- Where are the constraints of space/facilities – need for redistricting!?

- PEPS and Utilization Assessments help with the District's Long-Term Planning

- PEPS and Utilization Assessments help establish priorities of the District
  - Renovate? Replace? Expand? Right-size?

- Information that is still needed to analyze Utilization
  - Impact to Operational Costs (i.e. utilities, maintenance, etc.)
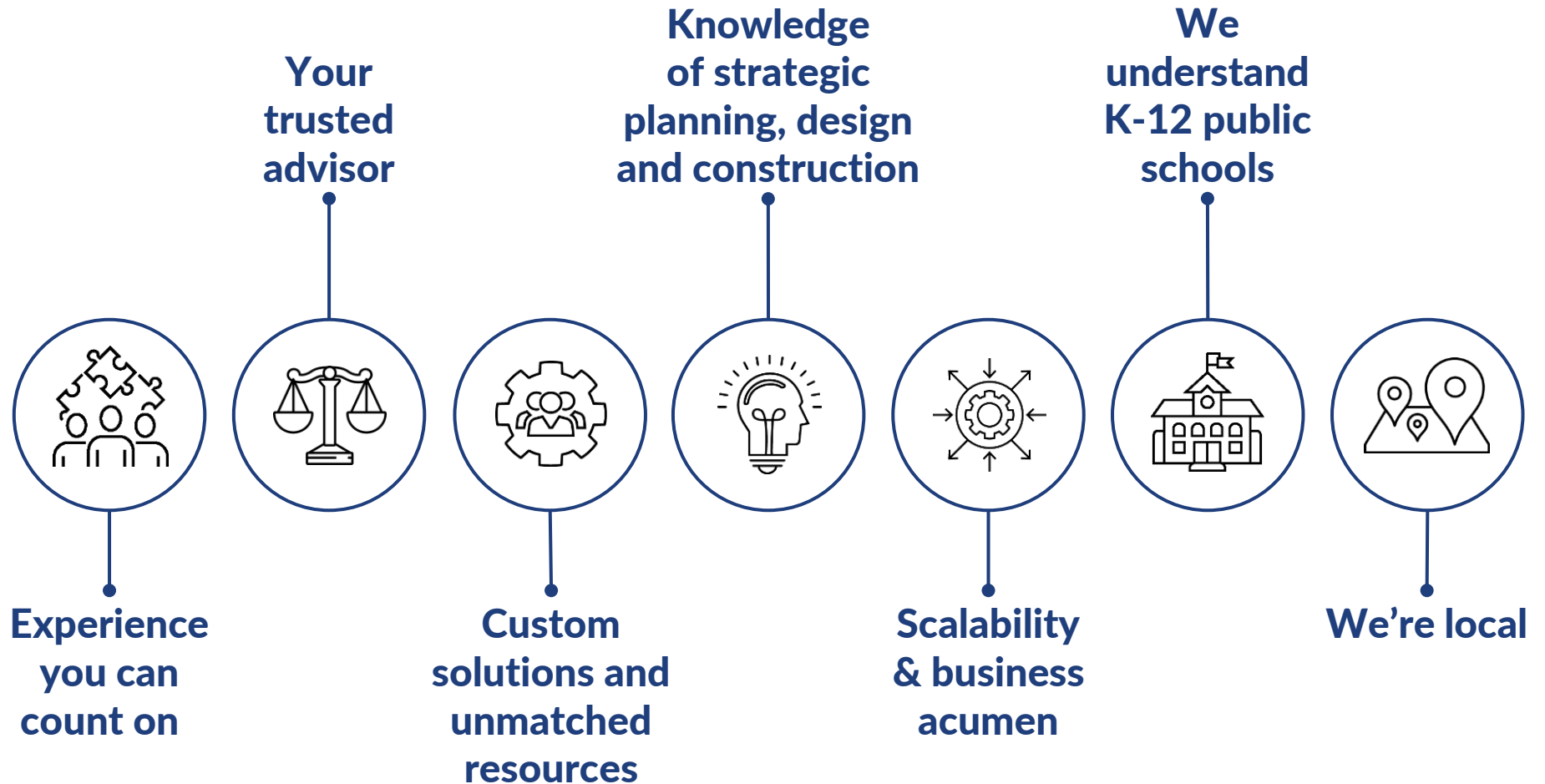 - Impact to Instructional Costs (staff, support, etc.)

Questions/Answers

The Plante Moran Realpoint Difference

Your trusted advisor

Knowledge of strategic planning, design and construction

We understand K-12 public schools

Experience you can count on

Custom solutions and unmatched resources

Scalability & business acumen

We're local

Thank you!