Grosse Pointe Public School System

Pupil Enrollment Projection Study Presentation

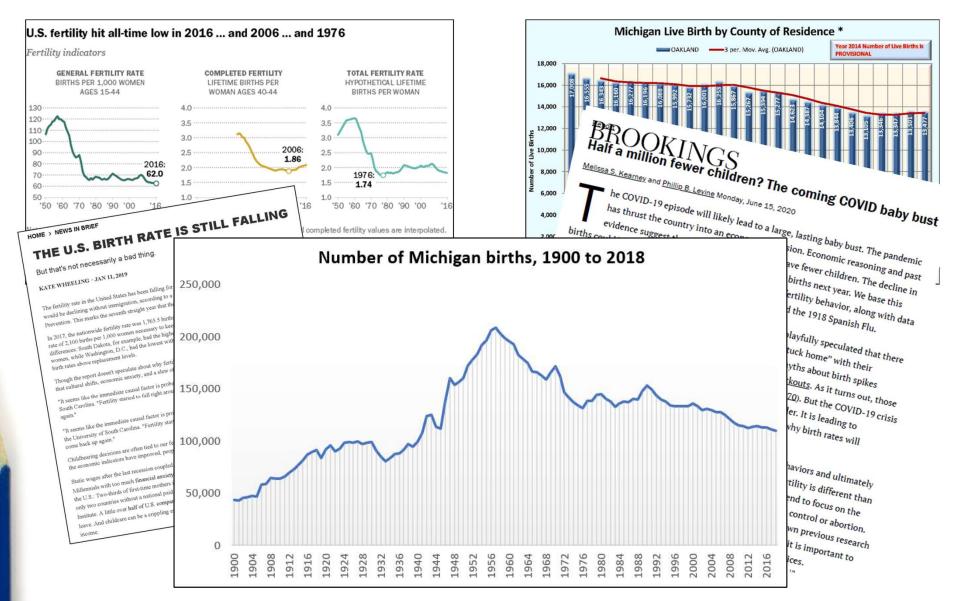
March 14, 2022



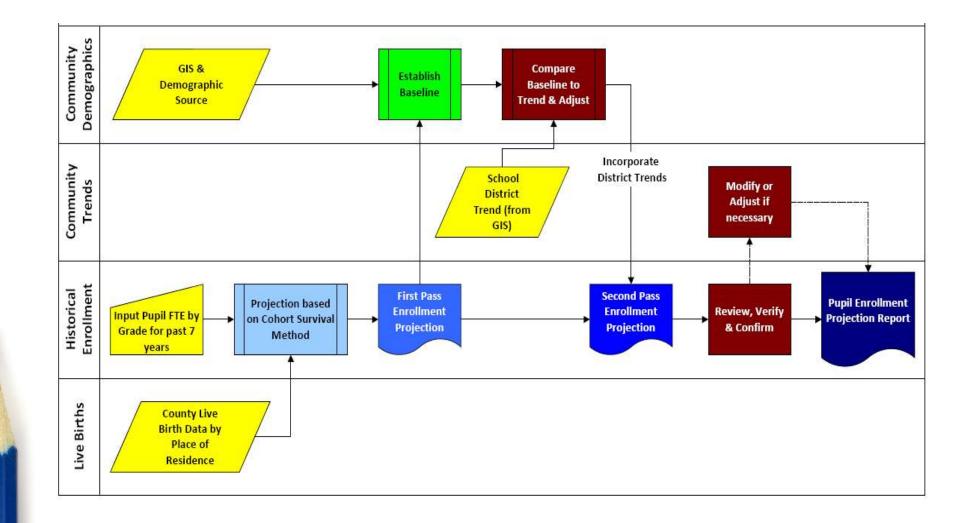


- District Demographics and Trends
- Pupil Enrollment Methodology
- District-wide Pupil Enrollment Projection
- Key Takeaways
- Questions/Answers



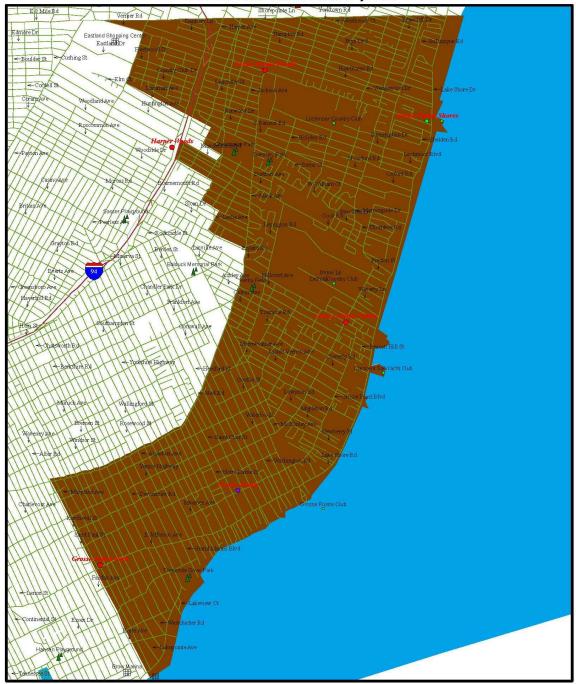


Methodology



PMC's Process

- Demographic Growth
 - GIS
 - US Census Bureau
- Core Base Statistical Area
 - Primary Area (District)
 - Comparison #1 (County)
 - Comparison #2 (State)
- Cohort Survival DS 4061



Grosse Pointe Public School System

12,988

27.82%

72.18%

85.51%

Grosse Pointe Public School System's Demographics

- Median Age of Householder: 57.0
- Total # of Families:
- Households with School Age: 8,101
- % of Households with Children: 40.3%
- Enrolled School-Aged Children: 9,894
 - Enrolled in Public PK:
 - Enrolled in Private PK:
 - Enrolled in Public K-12:
 - Enrolled in Private K-12: 14.49%

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

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

Area: Grosse Pointe Public School Systemy of: Waynee of: Michigan

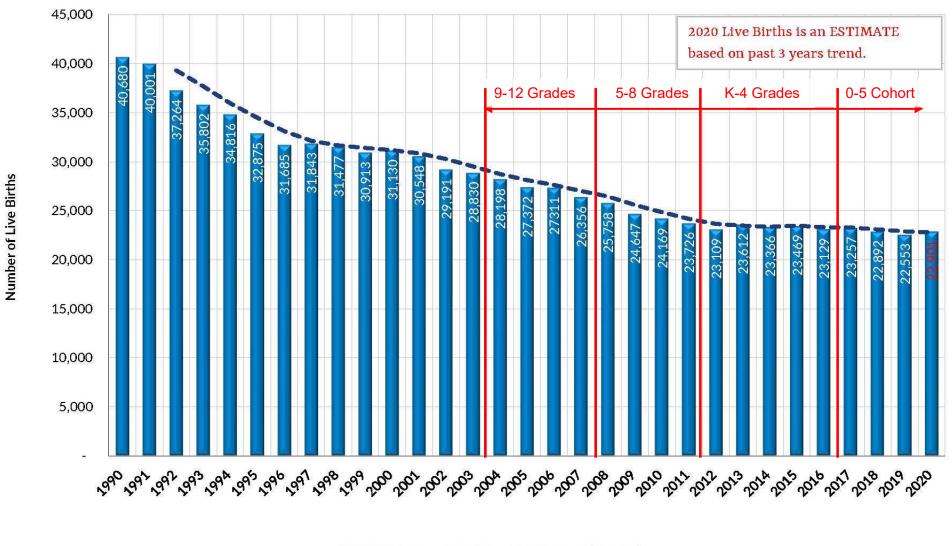
	Prima	ry Area		Comparison Area 1	Comparis	on Area 2
	Grosse Pointe Pu	blic School Sys		Wayne County	Michigan	
County FIPS Code (Some Districts)				26163		
Grade Range (District)		KG - 12				
otal Persons		49,550		1,737,900		9,998,93
Urban Population		100.00%		99.30%		74.6
White		81.41%		46.74%		71.90
Black		10.41%		38.74%		14.0
Asian		3.05%		3.45%		3.2
Am, Indian/Alaskan		0.17%		0.37%		0.8
Other		0.35%		1.75%		1.7
2 or More Races		2.17%		3.17%		3.4
Hispanic		2.44%		5.77%		4.8
1edian Age		46.5		39.6		40
otal Housing Units		21,445		773,848		4,635,4
otal Housing Units - Occupied		20,113		683,221		3,975,8
-						
ledian Housing Value	\$	232,131		113,979		125,8
ledian Household Income	\$	116,418		59,308		67,6
verage Household Income	\$	157,064		78,889		87,8
er Capita Personal Income	\$	63,981		31,519	\$	35,4
job Income Average	¢	361 913	¢	316.974	¢	324 4
otal Number of Families		12,988		394,458		2,517,3
otal Number of Households		20,113		683,221		3,975,8
verage Household Size		2.46		2.51		2.
1edian Household Size		2.60		2.50		2.
ledian Age of Householder		57.0		52.5		5
louseholds with School Age Children		8,101		312,305		1,494,1
% of Household with School Age Children		40.3%		45.7%		37
Average # of K-12 children per household		1.22		1.05		1
Average # of K-12 children per housing unit		0.40		0.46		0
Median Year Moved In		2009		2003		20
nrolled School Age Children PK-12		9,894		327,621		1,806,1
Enrolled in Public Pre-primary School		27.82%		70.48%		67.9
Enrolled in Private Pre-primary School		72.18%		29.52%		32.1
Enrolled in Public School (K-12)		85.51%		92.77%		88.9
Enrolled in Private School (K-12)		14.49%		7.23%		11.0
lousehold Educational Attainment (Pop 25+)						
Less Than High School (no diploma)		2.14%		13.43%		9.6
High School Graduate		10.71%		30.26%		28.1
Some College		15.50%		23.31%		23.7
Associate's Degree (2 years)		7.64%		8.64%		9.7
Bachelor's Degree (4 years)		35.28%		15.33%		17.4
Master's Degree		20.24%		7.25%		8.3
Professional Degree		6.67%		1.24%		1.7
Doctorate Degree		1.82%		0.55%		1.1
mployment Profile (Pop 16+)						
White Collar Occupations		80.25%		52.06%		58.2
Blue Collar Occupations		8.59%		26.50%		23.5
Service Occupations		11.17%		21.43%		18.2

Grosse Pointe Public School System

Population Trend by Age Groups

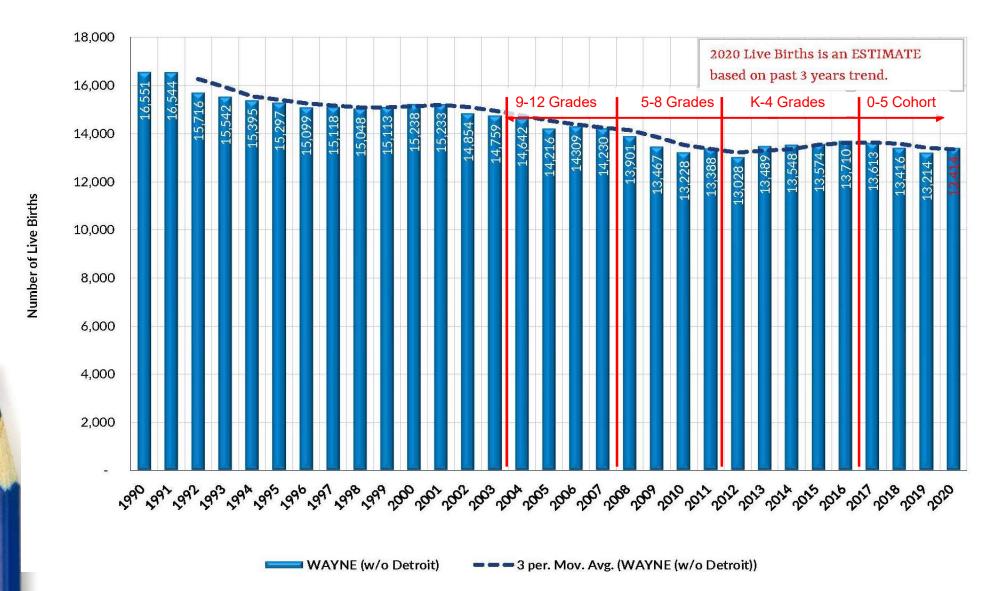


Michigan Live Births by County of Residence *



🛛 Wayne 👘

Michigan Live Births by County of Residence *



Historical Enrollment

Grosse Pointe Public School System

Wayne County, Michigan

K-12 Pupil Membership in General Education (Historical)

Please Indicate: FTE

DISTRICT WIDE (ALL PUPILS)

	Academic Year EXAMPLE			Academic Year 2014			Academic Year 2015			Academic Year 2016			Academic Year 2017		
Grade	Fall EXAMPLE	Spring EXAMPLE	Blended*	Fall 2014	Spring 2015	Blended*	Fall 2015	Spring 2016	Blended*	Fall 2016	Spring 2017	Blended*	Fall 2017	Spring 2018	Blended*
к	144.75	142.60	141.43	410.62	1		403.91	-		424.23			447.03	19	-
1	99.06	97.73	102.42	472.26			437.33			426.86	=		446.50		
2	149.11	151.37	145.06	482.38	-	-	485.89	-		447.07	-		436.85	20	-
3	120.86	121.79	121.89	521.81	-		491.63	÷.		503.34	5		470.21	91	-
4	143.96	142.96	140.78	537.06		-	553.03	-		505.15	-		512.29		-
5	122.35	123.41	124.41	573.89	-	-	543.19	-		556.52	-		527.59	200	-
6	151.97	148.86	150.71	603.31	14	-	587.13	-		546.95	-		583.22		-
7	145.31	142.48	146.90	682.84	-	-	610.98	19		592.69			560.13		-
8	171.81	172.31	171.58	685.36	-	-	683.41	-		618.38	-		603.49		-
9	174.79	174.42	173.17	755.17		-	727.30	-		753.13	-		681.40	240	-
10	158.68	158.58	157.10	751.81	-	-	766.77	÷		723.34	-		749.94	-	-
11	142.83	139.83	144.61	714.67	1.5	-	724.99	-		744.72	-		709.17		-
12	162.22	159.57	162.58	708.10		-	691.22	-		711.38	-		730.13	-	-
K-12	1,887.70	1,875.91	1,882.63	7,899.28	-	-	7,706.78	-		7,553.76	-	-	7,457.95	-	-
Y5							-	-		57.84	-		57.00	70	-
Other		(-)		14.81	-		6.29	-		5.22	-		3.30	240	-
SE		(4)	-	280.85	-		292.82	8		305.37	-		312.00	-	-
Total	1,887.70	1,875.91	1,882.63	8,194.94		-	8,005.89	-		7,922.19	-		7,830.25	-	-

	Academic Year 2018			Academic Year 2019			Academic Year 2020			Academic Year 2021			Academic Year 2022 Projected		
Grade	Fall 2018	Spring 2019	Blended*	Fall 2019	Spring 2020	Blended*	Fall 2020	Spring 2021	Blended*	Fall 2021	Spring 2022	Blended*	Fall 2022 Projected	Spring 2023 Projected	Blended 202: Projected
к	425.57	- <u>-</u>		459.71	-		424.84	=		448.63		-	484.39		
1	461.11			441.88	1 (H)		425.24	-		432.09	-	-	458.07		
2	450.09	1-1		459.70	-		405.97	-		411.26		-	427.88		
3	452.77	1.0		463.45	-		441.30	Ξ.		397.17		-	417.91		
4	481.36	171		448.23	-		429.85	~		443.33	-	-	396.91		
5	522.65			485.80			421.32	-		415.40	24	-	442.70		
6	524.59			521.63	020		458.30	-		411.74	-	-	413.52		
7	574.02	-		525.63	1		512.02	=		432.93	-		408.38		
8	566.32	-		565.75	-		505.84	-		489.21	-	-	429.30		
9	647.55	141		626.98	14		584.62	-		526.93	-	-	527.05		
10	671.82	19		652.82	-		616.78	÷		581.94	-	-	524.17		
11	732.33	- 15-1		654.58	100		638.97	=		598.03	-		567.96		
12	701.60	147		716.46		-1	642.77	-		633.53	-	-	588.83		
K-12	7,211.78	3 - 0	-	7,022.62	-		6,507.82	2 -	-	6,222.19	-	-	6,087.06		
Y5	86.00	-		99.00	-	-	98.00	-		98.00**	-		90.91		
Other	1.73	141		4.96	-	-	5.80	-		5.94	-	-	5.15		
SE	320.79	19 4 9		323.07	-	-	309.13	Ξ.		283.96	-	-	282.33		
Total	7,620.30	-		7,449.65	-		6,920.75	-		6,610.09	-	-	6,465.44		

Note: * Pupil Blended Count membership (number) is calculated based on 90% of Fall count & 10% of Spring count of a Calendar year. Source: Office of Pupil Accounting, Grosse Pointe Public School System

District-wide Pupil Enrollment

Start Here

ENROLLMENT PROJECTION USING COHORT SURVIVAL METHOD

& Adjusted to Community Demographic Trends

Educatio		Name: County:	Grosse Poi Wayne	nte Public S	School Syst	^{em} Hist ◀	orical	Proje	ected		I	B	ASED ON	2021		FTE COUN WIDE (ALL	
Birth Yr	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2020/21 Liv	e Births are I	STIMATES		
Births	24,169	23,726	23,109	23,612	23,366	23,469	23,129	23,257	22,892	22,553	23,093	23,038	based on pas	st 3 years tre	nd		
K% Birth	1.67%	1.79%	1.93%	1.80%	1.97%	1.81%	1.94%	2.08%	1.90%	1.92%	1.92%	1.93%		Anticipated	Non-histor	ical Factor:	0.08%
			storical Dat									Projecti					
11.2	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029	2030
Grade	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2030	2031
К	404	424	447	426	460	425	449	484	436	433	443	446	N.A.	N.A.	N.A.	N.A.	N.A.
1	437	427	447	461	442	425	432	458	495	445	442	452	455	N.A.	N.A.	N.A.	N.A.
		105.68%	105.25%	103.15%	103.83%	92.50%	101.71%	102.10%	102.10%	102.10%	102.10%	102.10%	102.10%	102.10%	102.10%	102.10%	102.10%
2	486	447	437	450	460	406	411	428	454	490	441	438	448	451	N.A.	N.A.	N.A.
		102.23%	102.34%	100.80%	99.69%	91.87%	96.71%	99.02%	99.02%	99.02%	99.02%	99.02%	99.02%	00_020/	00 0.20/	00 0.20/	99.02%
3	492	503	470	453	463	441	397	418	435	461	498	448	44		- ···	2010	N.A.
		103.59%	105.18%	103.64%	102.97%	96.00%	97.83%	101.62%	101.62%	101.62%	101.62%	101.62%	101.62 B	irth Ye	ar:	2016	1.62%
4	553	505	512	481	448	430	443	397	418	435	461	497		irths:	2	3,129	N.A.
-	E 40	102.75%	101.78%	102.37%	99.00%	92.75%	100.46%	99.93%	99.93%	99.93%	99.93%	99.93%	99.93 B	in this.	Ζ	5,129	9.93%
5	543	557	528	523	486	421	415	443	396	417	434	460	99.86 K	% of B	irths	1 94%	457 9.86%
6	587	100.63% 547	104.44% 583	102.02% 525	100.92% 522	94.00% 458	96.64% 412	99.86% 414	99.86% 441	99.86% 395	99.86% 415	99.86% 432	77.80			1.5 170	9.86%
0	507	100.69%	104.80%	99.43%	99.80%	94.34%	97.73%	99.55%	99.55%	99.55%	99.55%	99.55%	99.55%	99.55%	99.55%	00 550/	
7	611	593	104.80%	99.43% 574	99.80% 526	94.34% 512	97.73% 433	408	99.55% 410	437	99.55% 391	412	428	454	490	99.55% 441	99.55% 438
	011	100.95%	102.41%	98.42%	100.20%	98.16%	433 94.46%	99.18%	99.18%	99.18%	99.18%	99.18%	420 99.18%	434 99.18%	99.18%	99.18%	436 99.18%
8	683	618	603	566	566	506	489	429	405	407	433	388	77,10%	77.10/0	77.10/0	77.10/0	437
0	005	101.21%	101.82%	101.11%	98.56%	96.23%	95.55%	99.16%	99.16%	99.16%	99.16%	99.16%	1				437
9	727	753	681	648	627	585	527	527	463	436	438	467	·				24
· · ·	121	110.20%	110.19%	107.30%	110.71%	103.34%	104.17%	107.73%	107.73%	107.73%	107.73%	107.73%	K-12	2 Enrol	Iment	6,22	2 ²⁴ 3%
10	767	723	750	672	653	617	582	524	524	400	434	436	- , , , , , , , , , , , , , , , , , , ,			, 201	
10	707	99.46%	99.58%	98.59%	100.81%	98.37%	99.54%	99.48%	99.48%	99.48%	99.48%	99.48%	- # DI	fferend	ce:	-286	6 ⁻⁸³ 8%
11	725	745	709	732	655	639	598	568	512	512	449	424	% C	rowth:		-4.399	× 44
** •	1 - 5	97.12%	98.04%	97.65%	97.43%	97.88%	96.96%	97.60%	97.60%	97.60%	97.60%	97.60%	_ /0 U	i Owith.		-4.59	% 44 0%
12	691	711	730	702	716	643	634	589	559	504	504	442					-21
		98.12%	98.04%	98.93%	97.83%	98.20%	99.15%	98.46%	98.46%	98.46%	98.46%	98.46%					6%
K - 12	7,707	7,554	7,458	7,212	7,023	6,508	6,222	6,087	5,946	5,830	5,783	5,741	Tota	al:		6,610) ^{6%}
Year-to-Year										4						-	-
#Growth: Year-to-Year		-153	-96	-246	-189	-515	-286	-135	-141	-116	-48	-42	7				
%Growth:		-1.99%	-1.27%	-3.30%	-2.62%	-7.33%	-4.39%	-2.17%	-2.32%	-1.95%	-0.82%	-0.72%		cions for You			
Y5	(m)	58	57	86	99	98	98	91	89	87	86	86		" pupils are b			g
Other	6	5	3	2	5	6	6	5	5	5	5	5		and are not a	affected by	community	
SE	293	305	312	321	323	309	284	282	276	270	268	266	demog	raphics.			
Totals	8,006	7,922	7,830	7,620	7,450	6,921	6,610	0,465	6,316	6,193	6,142	6,098					

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).

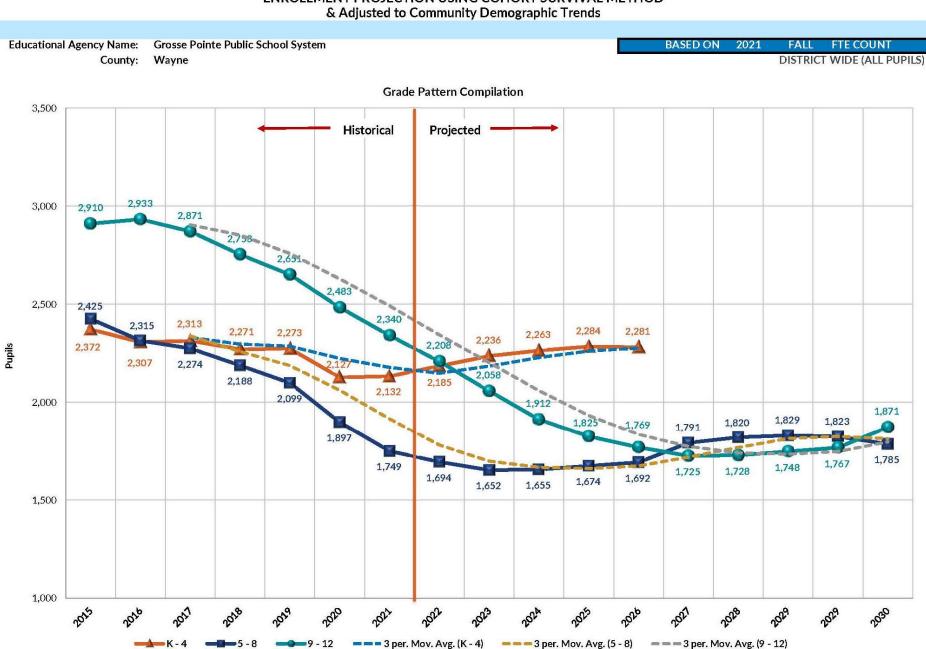
District-wide Pupil Enrollment

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

Educatior	nal Agency I			te Public So	hool Syste	m						BA	SED ON	2021	A STOCKED OF	TE COUN	¥.
	Co	ounty: W	/ayne				- ·	-						I	DISTRICT V	VIDE (ALL	PUPI
							Grade	e Pattern	Compilat	ion							
									1000000000		N. (SUBR.)	ection Data		Martin Anna -			
Grade	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2029	2
Pattern	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2030	2
K - 1	841	851	894	887	902	850	881	942	930	878	885	898	N.A.	N.A.	N.A.	N.A.	
K - 2	1,327	1,298	1,330	1,337	1,361	1,256	1,292	1,370	1,384	1,368	1,326	1,336	N.A.	N.A.	N.A.	N.A.	
К-З	1,819	1,802	1,801	1,790	1,825	1,697	1,689	1,788	1,819	1,829	1,823	1,783	N.A.	N.A.	N.A.	N.A.	
K-4	2,372	2,307	2,313	2,271	2,273	2,127	2,132	2,185	2,236	2,263	2,284	2,281	N.A.	N.A.	N.A.	N.A.	
K - 5	2,915	2,863	2,840	2,794	2,759	2,549	2,548	2,628	2,633	2,680	2,718	2,741 N		N.A.	N.A.	N.A.	
K-6	3,502	3,410	3,424	3,318	3,280	3,007	2,960	3,041	3,073	3,075	3,133	3,173	N.A.	N.A.	N.A.	N.A.	
1-2	923	874	883	911	902	831	843	886	948	935	883	890	903	N.A.	N.A.	N.A.	
1-3	1,415	1,377	1,354	1,364	1,365	1,273	1,241	1,304	1,383	1,396	1,380	1,338	1,348	N.A.	N.A.	N.A.	
1-4	1,968	1,882	1,866	1,845	1,813	1,702	1,684	1,701	1,801	1,830	1,841	1,835	1,795	N.A.	N.A.	N.A.	
1-5	2,511	2,439	2,393	2,368	2,299	2,124	2,099	2,143	2,197	2,247	2,275	2,295	2,292	N.A.	N.A.	N.A.	
1-6	3,098	2,986	2,977	2,893	2,821	2,582	2,511	2,557	2,638	2,642	2,690	2,727	2,750	N.A.	N.A.	N.A.	-
2-3	978	950	907	903	923	847	808	846	888	951	938	886	893	906	N.A.	N.A.	
2-4	1,531	1,456	1,419	1,384	1,371	1,277	1,252	1,243	1,306	1,385	1,399	1,383	1,340	1,350	N.A.	N.A.	
2-5	2,074	2,012	1,947	1,907	1,857	1,698	1,667	1,685	1,702	1,802	1,833	1,843	1,837	1,797	N.A.	N.A.	
2-6	2,661	2,559	2,530	2,431	2,379	2,157	2,079	2,099	2,143	2,197	2,248	2,275	2,295	2,291	N.A.	N.A.	
3 - 4	1,045	1,008	983	934	912	871	841	815	852	895	958	945	892	900	913	N.A.	
3-5	1,588	1,565	1,510	1,457	1,397	1,292	1,256	1,258	1,249	1,312	1,392	1,405	1,389	1,346	1,357	N.A.	
3-6	2,175	2,112	2,093	1,981	1,919	1,751	1,668	1,671	1,689	1,707	1,807	1,837	1,847	1,841	1,801	N.A.	
4 - 5	1,096	1,062	1,040	1,004	934	851	859	840	814	852	895	957	944	891	899	912	
4-6	1,683	1,609	1,623	1,529	1,456	1,309	1,270	1,253	1,255	1,246	1,310	1,389	1,402	1,386	1,344	1,354	
5-6	1,130	1,103	1,111	1,047	1,007	880	827	856	837	812	849	892	955	941	889	896	53
5 - 7	1,741	1,696	1,671	1,621	1,533	1,392	1,260	1,265	1,247	1,249	1,240	1,304	1,383	1,395	1,379	1,337	-
5-8	2,425	2,315	2,274	2,188	2,099	1,897	1,749	1,694	1,652	1,655	1,674	1,692	1,791	1,820	1,829	1,823	4
6-7	1,198	1,140	1,143	1,099	1,047	970	845	822	851	832	806	844	886	949	935	883	
6-8	1,882	1,758	1,747	1,665	1,613	1,476	1,334	1,251	1,256	1,238	1,240	1,232	1,295	1,373	1,385	1,369	1
7-8	1,294	1,211	1,164	1,140	1,091	1,018	922	838	815	844	825	800	837	879	941	927	
7-9	2,022	1,964	1,845	1,788	1,718	1,602	1,449	1,365	1,278	1,280	1,263	1,267	1,255	1,319	1,398	1,413	1
7 - 10	2,788	2,688	2,595	2,460	2,371	2,219	2,031	1,889	1,802	1,740	1,697	1,703	1,719	1,735	1,836	1,868	
7 - 11	3,513	3,432	3,304	3,192	3,026	2,858	2,629	2,457	2,313	2,252	2,146	2,126	2,145	2,188	2,242	2,295	
7 - 12	4,205	4,144	4,034	3,894	3,742	3,501	3,263	3,046	2,873	2,756	2,650	2,568	2,562	2,607	2,688	2,695	2
8-9	1,411	1,372	1,285	1,214	1,193	1,090	1,016	956	867	843	872	855	826	865	908	971	
3 - 10	2,177	2,095	2,035	1,886	1,846	1,707	1,598	1,481	1,392	1,303	1,306	1,291	1,291	1,281	1,346	1,427	
3 - 11	2,902	2,840	2,744	2,618	2,500	2,346	2,196	2,048	1,903	1,815	1,755	1,714	1,716	1,734	1,752	1,854	1
3 - 12	3,594	3,551	3,474	3,320	3,217	2,989	2,830	2,637	2,463	2,318	2,258	2,157	2,133	2,153	2,198	2,253	1
9 - 10	1,494	1,476	1,431	1,319	1,280	1,201	1,109	1,051	987	896	872	903	883	856	895	940	1
9 - 11	2,219	2,221	2,141	2,052	1,934	1,840	1,707	1,619	1,498	1,408	1,321	1,326	1,308	1,309	1,301	1,368	1
9 - 12	2,910	2,933	2,871	2,753	2,651	2,483	2,340	2,208	2,058	1,912	1,825	1,769	1,725	1,728	1,748	1,767	1
.0 - 12	2,183	2,179	2,189	2,106	2,024	1,899	1,814	1,681	1,595	1,475	1,387	1,302	1,307	1,288	1,290	1,282	

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District-wide Pupil Enrollment



Key Takeaways

Grosse Pointe Public School System's Overview

_	2018	2021	Difference
 Median Age of Householder: 	56.4 y.o.	57.0 y.o.	0.60 years
 Total # of Housing Units: 	22,035	21,445	-590 units
Total # of Families:	14,053	12,988	-1,065 families
Households with School Aged:	8,349	8,101	-248 households
Enrolled School-Aged Children:	10,274	9,894	-380 children
Enrolled in Public PK:	29.39%	27.82%	-1.56% decrease
 Enrolled in Private PK: 	70.61%	72.18%	1.56% increase
 Enrolled in Public K-12: 	81.62%	85.51%	3.90% increase
 Enrolled in Private K-12: 	18.38%	14.49%	-3.90% decrease
 K% County Birth Enrolled: 	1.80%	1.94%	0.14% increase
 Total GPPSS K-12 Enrollment: 	7,212	6,222	-990 pupils 14

Key Takeaways

□ Other District's K-12 Enrollment Overview

	2018	2020*	Difference
 Dearborn City School District 	20,740	20,439	-301 Students
 Farmington Public Schools 	9,539	9,151	-388 Students
 Grosse Pointe Public School System 	7,652	6,945	-707 Students
 Harper Woods School District 	2,349	2,322	-27 Students
 Livonia Public Schools 	14,184	13,547	-637 Students
 Northville Public Schools 	7,375	7,097	-278 Students
 Plymouth-Canton Schools 	17,491	16,650	-841 Students
 Redford Union Schools, District No. 1 	2,392	2,097	-295 Students
 River Rouge School District 	2,279	2,383	104 Students
 Wayne Westland Community School District 	10,898	9,688	-1,210 Students
 Wyandotte School District 	4,792	4,619	-173 Students

* Source - mischooldata.org - "Official Student Count, All Grades". 2020 Academic year most recent data available by District.