

# GPPSS Student Class Size Presentation

Grosse Pointe Public School System  
Blue Ribbon Committee  
October 12, 2017

# Purpose of Presentation :

- To provide the Blue Ribbon Committee a basic overview of the historical elementary and secondary class size in GPPSS

# Presentation Structure:

- Elementary Class Size Data
- Middle School and High School Class Size Data
- Secondary Scheduling Constraints

# **ELEMENTARY CLASS SIZE DATA**

These columns show average class size in each grade at every building for the identified school years.

These columns total all enrollment in elementary school (general and special ed by headcount, not full time equivalent.) Teachers are FTE and only traditional classroom teachers.

2009-10 GPPSS Elementary Class Size								
	1/2 DK	EDK or ADK	1	2	3	4	5	Magnet/Other
Defer	16.0	23.0	17.3	20.3	20.0	22.7	24.3	20.0
Ferry	14.5	19.0	19.0	23.5	19.0	19.0	22.0	20.5
Kerby	17.0	17.0	18.7	22.7	22.0	22.0	25.0	
Maire	17.0		19.3	21.0	25.5	20.0	19.0	
Mason	13.0		21.5	24.0	20.0	22.0	23.0	
Monteith	24.0	23.0	19.5	26.0	25.3	26.3	21.8	
Poupard	14.0		18.3	19.3	23.3	23.0	18.7	
Richard	14.0		21.0	23.0	24.3	22.0	24.0	
Trombly	26.0	20.0	21.5	18.5	17.5	22.0	18.3	21.0

**Totals**

Headcount and Ratios		
Total Student Headcount	Trad. Classroom Teachers	Student to Teacher Ratio
422	19.0	22.21
387	18.0	21.50
375	16.0	23.44
334	15.0	22.27
313	12.0	26.08
562	22.0	25.55
353	17.0	20.76
402	16.0	25.13
289	13.5	21.41
<b>3,437</b>	<b>148.5</b>	<b>23.14</b>

2017-18 Projected GPPSS Elementary Class Size								
	ADK		1	2	3	4	5	Magnet/Y 5
Defer	19.3		26.5	23.5	21.3	20.7	23.5	24.0
Ferry	19.3		22.0	18.5	21.5	22.5	19.5	29.0
Kerby	17.0		24.4	24.0	22.0	26.8	24.5	
Maire	22.5		24.5	22.0	27.0	25.0	22.3	
Mason	21.5		24.0	21.5	18.5	23.5	24.5	20.0
Monteith	22.3		21.7	22.3	24.0	23.7	24.3	
Poupard	15.0		24.7	21.3	24.0	24.8	26.4	16.0
Richard	17.3		27.0	24.5	27.0	22.3	22.7	
Trombly	14.5		18.5	26.0	22.5	21.0	25.0	22.0

**Totals**

**Year over Year Change**

**Change from 2009/10 to 2017/18**

Headcount and Ratios		
Total Student Headcount	Trad. Classroom Teachers	Student to Teacher Ratio
340	15.0	22.67
324	15.0	21.60
343	15.0	22.87
309	13.0	23.77
287	13.0	22.08
415	18.0	23.06
291	13.0	22.38
344	15.0	22.93
251	12.0	20.92
<b>2,904</b>	<b>129.0</b>	<b>22.51</b>
<b>-0.8%</b>	<b>-2.3%</b>	<b>1.5%</b>
<b>-18.4%</b>	<b>-15.1%</b>	<b>-2.8%</b>

2017-18 Updated 9/1/17 (all self contained special ed removed total of 94 students)

	Kindergarten			1st Grade			2nd Grade			3rd Grade			4th Grade			5th Grade			MAG/Y5		Totals			
	Sections	Students	Avg.	Sections	Students	Avg.	Sections	Students	Avg.	Sections	Students	Avg.	Sections	Students	Avg.	Sections	Students	Avg.	Size	Sections	Students	Avg.		
<b>Defer*</b>	3	58	19.3	2	53	26.5	2	47	23.5	1.5	32	21.3	1.5	31	20.7	2	47	23.5	3	72	15	340.0	22.7	
<b>Ferry</b>	3	58	19.3	2	44	22.0	2	37	18.5	2	43	21.5	2	45	22.5	2	39	19.5	2	58	15	324.0	20.9	
<b>Kerby</b>	3	51	17.0	2.5	61	24.4	2.5	60	24.0	2.5	55	22.0	2.5	67	26.8	2	49	24.5			15	343.0	22.9	
<b>Maire</b>	2	45	22.5	2	49	24.5	2	44	22.0	2	54	27.0	2	50	25.0	3	67	22.3			13	309.0	23.8	
<b>Mason*</b>	2	43	21.5	2	48	24.0	2	43	21.5	2	37	18.5	2	47	23.5	2	49	24.5	1	20	13	287.0	22.1	
<b>Monteith</b>	3	67	22.3	3	65	21.7	3	67	22.3	3	72	24.0	3	71	23.7	3	73	24.3			18	415.0	23.1	
<b>Poupard*</b>	2	30	15.0	1.5	37	24.7	1.5	32	21.3	2	48	24.0	2.5	62	24.8	2.5	66	26.4	1	16	13	291.0	22.4	
<b>Richard</b>	3	52	17.3	2	54	27.0	2	49	24.5	2	54	27.0	3	67	22.3	3	68	22.7			15	344.0	22.9	
<b>Trombly</b>	2	29	14.5	2	37	18.5	1	26	26.0	2	45	22.5	2	42	21.0	2	50	25.0	1	22	12	251.0	20.9	
	<b>23</b>	<b>433</b>	<b>18.8</b>	<b>19</b>	<b>448</b>	<b>23.6</b>	<b>18</b>	<b>405</b>	<b>22.5</b>	<b>19</b>	<b>440</b>	<b>23.2</b>	<b>20.5</b>	<b>482</b>	<b>23.5</b>	<b>22</b>	<b>508</b>	<b>23.6</b>	<b>4</b>	<b>188</b>	<b>129</b>	<b>2904</b>	<b>22.5</b>	
<b>Total Staff FTE Required</b>														<b>129</b>										

# Elementary Building Enrollment Percentage Change

<b>Building</b>	<b>2005-06</b>	<b>2016-17*</b>	<b>Percentage Change</b>
Defer	459	288	-37%
Ferry	425	334	-22%
Kerby	357	346	-3%
Maire	341	311	-9%
Mason	246	264	7%
Monteith	580	433	-25%
Poupard	338	279	-17%
Richard	431	347	-20%
Trombly	280	262	-6%
<b>Total</b>	<b>3456</b>	<b>2863</b>	<b>-17%</b>
*Excludes Young Fives			

# Table talk:

- Did you have any 'aha' moments from this ES class size data?
- What implications do you see for our work as a committee from this data?

# MIDDLE SCHOOL CLASS SIZE DATA

## Enrollment/Teacher FTE Summary MS (not including special ed)

**10/11/2017**

Actual 12-13				Actual 13-14			Actual 14-15			Actual 15-16			Actual 16-17			Projected 17-18		
Building	Enrollment	Staff	Ratio	Enrollment	Staff	Ratio	Enrollment	Staff	Ratio	Enrollment	Staff	Ratio	Enrollment	Staff	Ratio	Enrollment	Staff	Ratio
<b>Brownell</b>	667	30.8	21.7	708	32.0	22.1	679	32.0	21.2	660	30.8	21.4	608	28.6	21.3	590	26.4	22.3
<b>Parcells</b>	704	33.4	21.1	732	35.8	20.4	717	35.0	20.5	672	33.0	20.4	638	31.6	20.2	630	30.4	20.7
<b>Pierce</b>	597	27.8	21.5	584	27.3	21.4	575	27.3	21.1	555	27.0	20.6	520	25.0	20.8	505	22.8	22.1
<b>Total</b>	<b>1968</b>	<b>92</b>	<b>21.4</b>	<b>2024</b>	<b>95.1</b>	<b>21.3</b>	<b>1971</b>	<b>94.3</b>	<b>20.9</b>	<b>1887</b>	<b>90.8</b>	<b>20.8</b>	<b>1766</b>	<b>85.2</b>	<b>20.7</b>	<b>1725</b>	<b>79.6</b>	<b>21.7</b>

## Middle School Building Enrollment Percentage Change

Building	2005-06	2016-17	Percentage Change
Brownell	689	604	-12%
Parcells	724	641	-11%
Pierce	597	513	-14%
<b>Total</b>	<b>2010</b>	<b>1758</b>	<b>-13%</b>

# **HIGH SCHOOL CLASS SIZE DATA**

**Enrollment/Teacher FTE Summary (not including special ed)**

**10/11/2017**

	<b>Actual 2012-13</b>			<b>Actual 13-14</b>			<b>Actual 14-15</b>			<b>Actual 15-16</b>			<b>Actual 16-17</b>			<b>Projected 17-18</b>		
<b>Buildi ng</b>	<b>Enrollme nt</b>	<b>Teacher FTE</b>	<b>Ratio</b>	<b>Enrollme nt</b>	<b>Teacher FTE</b>	<b>Ratio</b>	<b>Enrollm ent</b>	<b>Teacher FTE</b>	<b>Ratio</b>	<b>Enrollm ent</b>	<b>Teacher FTE</b>	<b>Ratio</b>	<b>Enrollm ent</b>	<b>Teach er FTE</b>	<b>Ratio</b>	<b>Enrollm ent</b>	<b>Teach er FTE</b>	<b>Ratio</b>
<b>North</b>	1329	64.80	20.5	1267	62.40	20.3	1309	62.40	21.0	1342	65.20	20.6	1319	64.10	20.6	1318	62.80	21.0
<b>South</b>	1631	76.00	21.5	1652	74.45	22.2	1636	74.15	22.1	1645	74.40	22.1	1620	74.90	21.6	1584	72.70	21.8
<b>Total</b>	2960	140.8		2919	136.85		2945	136.55		2987	139.6		2939	139		2902	135.5	21.4

# Table talk:

- Did you have any 'aha' moments from this secondary class size data?
- What implications do you see for our work as a committee from this data?

# Secondary Scheduling Constraints:

- The Singleton Problem
- The Splintering Problem

# 1st Grade Historical Enrollment

Year	Total Students in 1st Grade for Given School Year	2016-17 Grade of that 1st Grade Class
2005-06	594	12th
2006-07	557	11th
2007-08	583	10th
2008-09	553	9th
2009-10	510	8th
2010-11	495	7th
2011-12	503	6th
2012-13	489	5th
2013-14	474	4th
2014-15	472	3rd
2015-16	437	2nd
2016-17	427	1st