

**SPECIAL BOARD, PUBLIC SESSION  
REPORT TO BOARD**

**FROM: Jim Costello, Director of Education  
Gary Girardi, Superintendent of Capital Planning and Accommodation  
Brian McKay, Superintendent of Business**

**DATE: October 4, 2016**

**SUBJECT: LKDSB Pupil Accommodation Report 2016/2017**

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The LKDSB Pupil Accommodation Report 2016/2017 is presented to the Board in compliance with LKDSB Regulation No: R-AD-106.

In March 2015, the Ministry of Education released a revised Pupil Accommodation Review Guideline and a new Community Planning and Partnerships Guideline. In accordance with these guidelines and LKDSB policies and regulations, Administration presented the LKDSB Capital Plan to Trustees at the September 27, 2016 Board Meeting to which all agencies on the LKDSB entities list were invited.

The Ministry of Education's mandate is clear regarding the revised pupil accommodation process:

- "Investments in Ontario's public education system begin and end with a commitment to the success and well-being of every student." *Ministry of Education Grants for Student Needs (GSN) Overview Power Point April 2015*
- "School boards are responsible for managing their school capital assets in an effective manner. They must respond to changing demographics and program needs while ensuring continued student achievement and well-being, and the financial viability/sustainability of the school board." *Ministry of Education Pupil Accommodation Review Guideline March 2015*
- "...the current approach to managing school space, which diverts significant funding to support underutilized space is fiscally unsustainable." *Ministry of Education, Education Funding, Technical Paper 2015/2016, Spring 2015*
- "Ontario's school boards are responsible for deciding the most appropriate pupil accommodation arrangements for the delivery of their elementary and secondary programs. These decisions are made by school board trustees in the context of carrying out their primary responsibilities of fostering student achievement and well-being, and ensuring effective stewardship of school board resources. In some cases, to address changing student populations, this requires school boards to consider undertaking pupil accommodation reviews that may lead to school consolidations and closures." *Ministry of Education Pupil Accommodation Review Guideline March 2015*
- "These decisions are made within the context of supporting the school board's student achievement and well-being strategy and to make the most effective use of its school buildings and funding." *Ministry of Education Pupil Accommodation Review Guideline March 2015*

The purpose of the LKDSB Pupil Accommodation Report 2016/2017 is to summarize data in order to provide an overview of accommodation issues across the geographic area of the Lambton Kent District School Board. The study of current student enrolment, demographic and financial data as well as Ministry of Education initiatives is key to future planning. Some of the data included in the *LKDSB Capital Plan September 2016* is included in this report.

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**Factors to Consider:**1. Demographics/Declining Enrolment

- LKDSB 22,016 students as of 14/09/2016
- LKDSB Ministry rated empty pupil spaces 8,489 as of 14/09/2016
- LKDSB current capacity utilization is 72.17%
- LKDSB projection of continued enrolment decline and capacity utilization: 20,934 students in 2021 (68.6%); 20,027 students in 2026 (65.6%)
- The LKDSB empty pupil spaces and capacity utilization in the 2016/2017 Pupil Accommodation Report reflect the consolidated Great Lakes Secondary School

While Statistics Canada predicts that the birth rate in Ontario will increase from 2015 to 2025, Lambton and Chatham-Kent birth rates and the projected student population is expected to decrease. This anticipated decline will occur more slowly than the current pace. This Statistics Canada data is supported by the Board's demographic software and is also reflected in the demographic information supplied to the Board by the Municipality of Chatham-Kent and County of Lambton prior to the presentation of the LKDSB Capital Plan in September 2016.

2. Financial

- Top-up Funding reduction under the School Facilities Operations and Renewal Grant
- Declining Enrolment Adjustment Grant reduction
- Geographic Circumstances Grant (rural designation) reduction
- School Foundation Grant reduction including Ministry Bench Mark Funding for principal/vice-principal reduction
- School Consolidation Capital incentive

[Detailed information on the Ministry Funding formula](http://www.edu.gov.on.ca/eng/funding/1617/2016_technical_paper_en.pdf) can be found at [http://www.edu.gov.on.ca/eng/funding/1617/2016\\_technical\\_paper\\_en.pdf](http://www.edu.gov.on.ca/eng/funding/1617/2016_technical_paper_en.pdf)

In April of 2015, the Ministry of Education revised its Grants for Student Needs funding model. This change was stimulated by the School Board Efficiencies and Modernization Strategy which provides incentives and supports for school boards to make more efficient use of school space. "These changes will continue to encourage school boards to focus on using education resources and facilities to support students rather than supporting school space that may be surplus to students' education needs." *Ministry of Education, Education Funding, Technical Paper 2015/2016, Spring 2015*. The 2016/2017 budget year represents the second year of a three year phase in of these funding changes.

In November 2015, the provincial government communicated its fiscal reality of a flat-lined provincial education budget for the next two years and set a target date of 2017/2018 for a provincial balanced budget.

The significant reduction in annual funding and the immediacy of its impact demands that the LKDSB act to implement a multiyear plan in the interest of fiscal responsibility and enhanced student learning.

While this reality presents significant challenges to the LKDSB, it also provides opportunities to reshape the Board to provide enhanced learning environments for our students. The LKDSB has closed 14 elementary and 3 secondary schools and 1 Adult Learning Centre since amalgamation in 1998. This report contains recommendations for six phases of consolidation. The achievement of these phases would result in a significant reduction of unfunded pupil spaces within the LKDSB. This would mean that the LKDSB would have fewer but fuller schools, which would be more efficient to operate and allow resources to be allocated equitably to all students.

The recommendations contained in this report are:

- made in the best interests of all students regarding more equitable access to programs
- made in the interest of maintaining fiscal responsibility over the long term
- based on an assessment of the age and quality of LKDSB buildings

## **Enrolment & Demographics**

Enrolment in the Lambton Kent District School Board has continued to decline since amalgamation in 1998. The chart below indicates a decline in overall enrolment of 16.1% was experienced in the 2015/16 school year in comparison to enrolment of ten years earlier in the 2006-07 school year.

### **COMPARISON OF TOTAL STUDENT AVERAGE DAILY ENROLMENT BY HEADCOUNT**

	<b>2006/2007</b>	<b>2015/2016</b>	<b>Change</b>	<b>% Change</b>
<b>Elementary Enrolment</b>	16,480	14,429	(2,051)	(12.5%)
<b>Secondary Enrolment</b>	9,794	7,622	(2,172)	(22.2%)
<b>Totals</b>	26,274	22,051	(4,223)	(16.1%)

The Lambton Kent District School Board continues to experience an overall decline in enrolment.

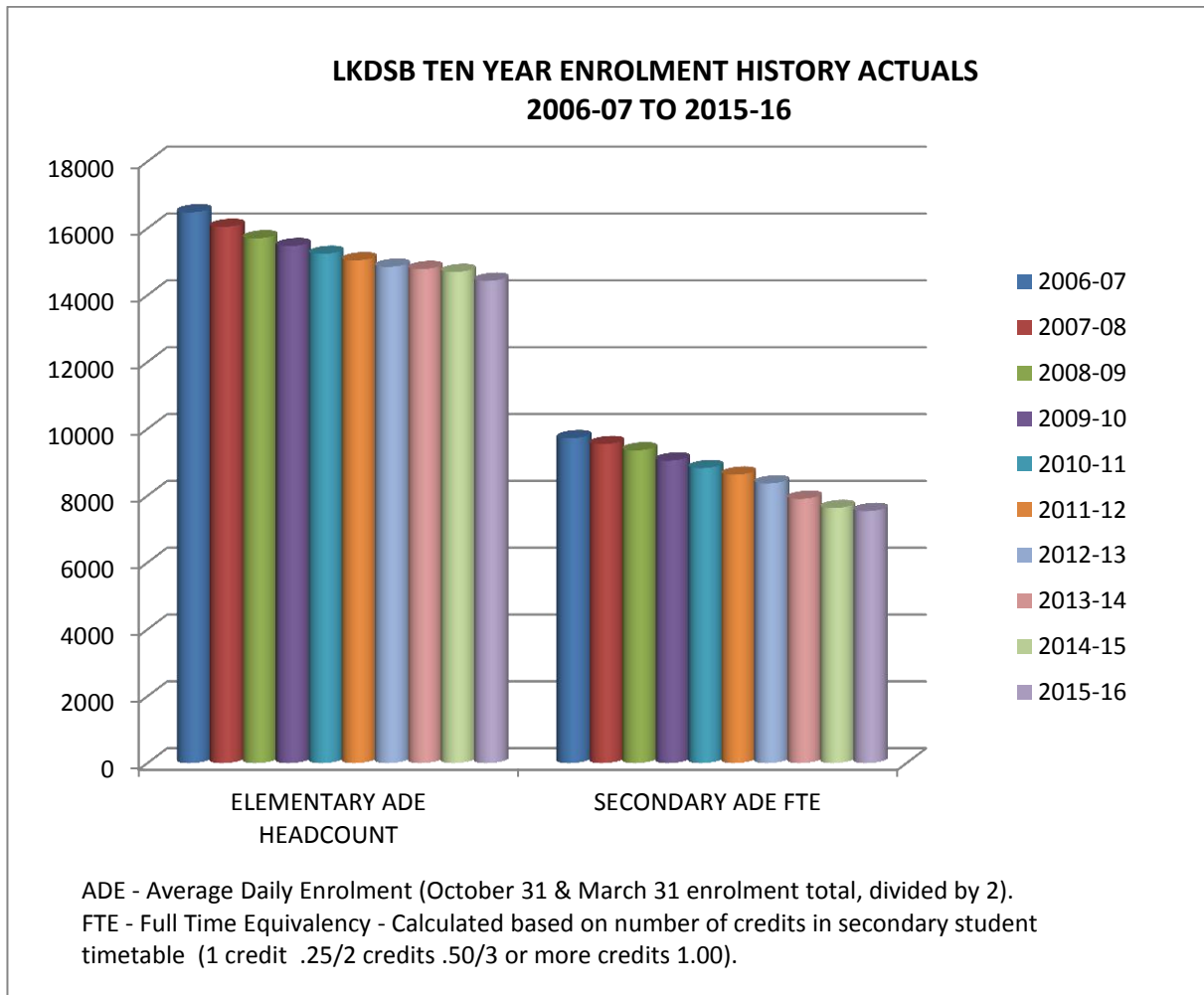
Elementary enrolment as of September 14, 2016 was 14,561 students, which represents an increase of 132 students, or 1%, over the 2015/2016 elementary average daily enrolment (ADE) of 14,429. ADE is calculated by averaging the total enrolment on the Ministry funding dates of October 31 and March 31 of the school year. This increase in elementary enrolment is an unexpected but welcomed change for the LKDSB and is attributed to families relocating to the LKDSB from other school boards, provinces or countries.

In 2016/17, six elementary school areas have student populations under 150 students. Those schools are Mooretown-Courtright Public School with 99 students, Aberarder Public School with 114 students, Dawn-Euphemia Public School with 127 students, Zone Township Central School with 132 students, and Thamesville Area Public School with 138 students. South Plympton Public School campus reports an enrolment of 128, while Wyoming Public School campus reports an enrolment of 120.

An Accommodation Review in 2015/2016 resulted in the consolidation of South Plympton and Wyoming Public School sites which is planned to occur in the 2017-18 school year. Consolidating South Plympton and Wyoming school campuses at the newly named school on the Wyoming Public School site will result in an overall student population of 242 in 2017-18.

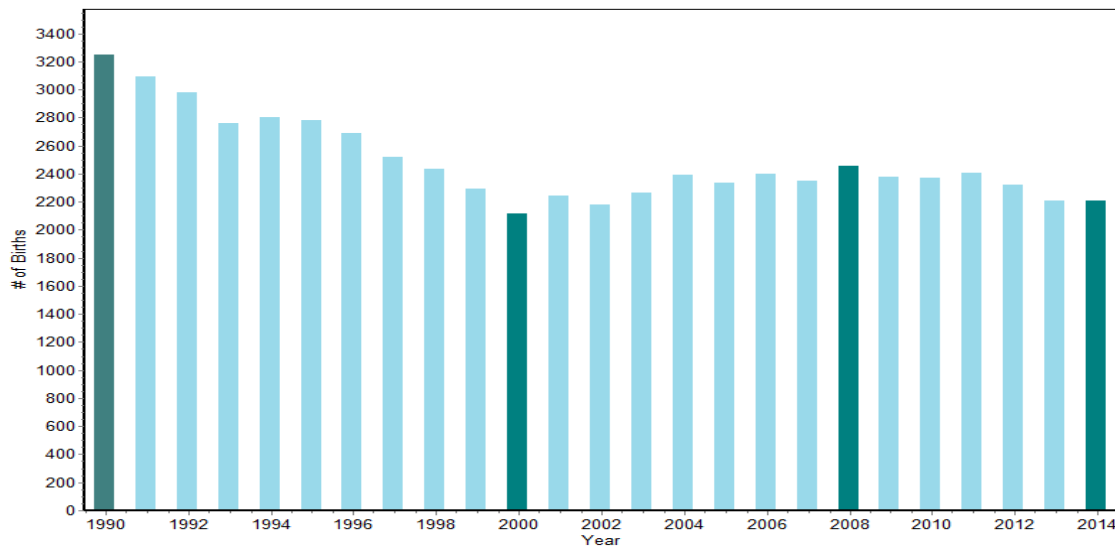
Secondary enrolment as of September 14, 2016 is 7,455 students, a decline of 286 total students in comparison to enrolment of one year ago on October 31, 2015. As of September 14, 2016, four of twelve secondary schools have current student populations under 400. Ridgetown District High School, Grade 9-12, reports enrolment at 202, Lambton Kent Composite School has 298 students, Blenheim District High School reports student enrolment of 313, followed by Tilbury District High School (TDHS), reporting an enrolment of 388.

As outlined in the chart below, elementary and secondary enrolment over the past ten years has continued to decline. Elementary enrolment is leveling off, while secondary continues to decline. Secondary decline can be attributed to smaller sized elementary classes transferring from elementary to secondary school, and the fact that not all secondary students are funded as fulltime students. A student enrolled in less than three courses per semester is funded as a part time student.



### Birth Rates

Birth data on a Board-wide basis for the period of 1990 through 2014 illustrates a significant decline from a peak of 3,249 births in 1990, to a low of 2,118 in 2000. In the years following, the birth rates have remained relatively stable, with a high of 2,452 in 2008. In 2014, the birth rate data available indicates the birth rate for the LKDSB catchment area was reported as 2,209.



Data sources used by the Board’s planning software to determine the birth rate include the Provincial Birth Registry, Canada Revenue Agency Child Tax Credit information, and available Census data.

The projection of births is key for planning purposes. In April of 2015, Statistics Canada updated birth projections for the province as a whole. As outlined below, births in the entire province are projected to increase annually for the next ten years, if the most recent 3 year average rates of migration and fertility continue. This projection is also supported by a comparison of the census data reported for our Board’s catchment areas from 2006 vs. data available as of 2011. In comparison to data of one year ago for the 2015-2025 timeline, updated birth rate assumptions predict a greater increase in provincial assumptions, but a greater decrease for the LKDSB catchment area in years 2015 to 2025 in comparison to last year’s assumptions.

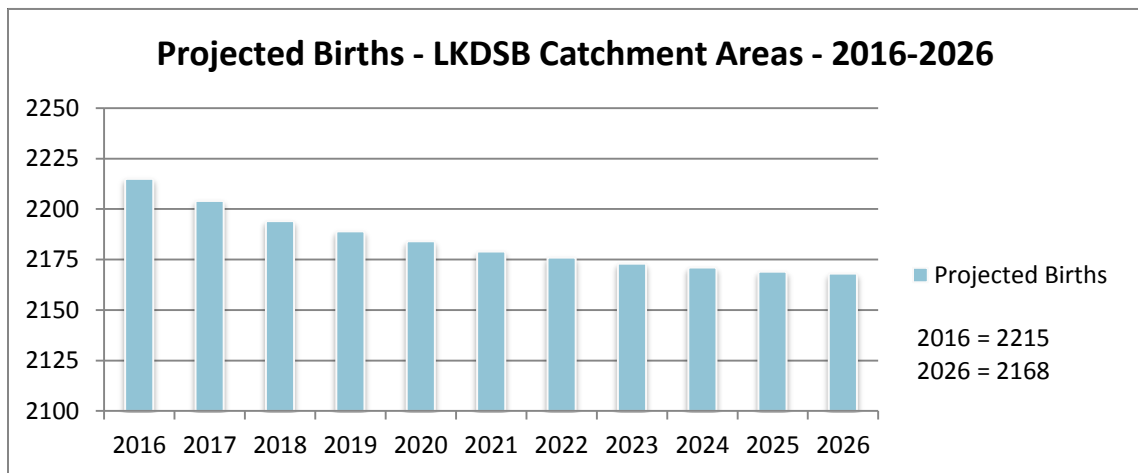
Year	Statistics Canada Ontario Birth Rate Assumptions	Statistics Canada - LKDSB Catchment Area Birth Rate Assumptions
2010 to 2015	+6.5%	-4.3%
2015 to 2020	+6.8%	-1.8%
2020 to 2025	+2.6%	-0.6%
2025 to 2030	-1.3%	-0.2%

Baragar Systems 2015

The Chatham-Kent Official Plan (May 12, 2016) states that there will be incremental population and housing growth from 2011 to 2031 and that by “2031, Chatham Kent’s population is forecast to increase marginally from 108,240 in 2011 to 112,500 in 2031, which represents an increase of approximately 4,200 persons over the 20 year forecast period”.

The draft document of the 2016 Lambton County official Plan states that the projected population in 2031 will be 122,162 from a present population of 111,367. The document states that the majority of future urban growth will be directed to urban centres and urban settlements. The Official Plan also states that there is a potential for growth to occur in the City of Sarnia, however, “towards the end of the planning horizon, the aging of the Baby Boomer population is expected to contribute to some degree of population decline for most local municipalities and the County as a whole.

Birth rate projections for the LKDSB for 2016 to 2026 show a decline in birth rates to continue. In 2016, 2,215 births are projected. In 2026, the projection is 2,169 births, a difference of 47 births.

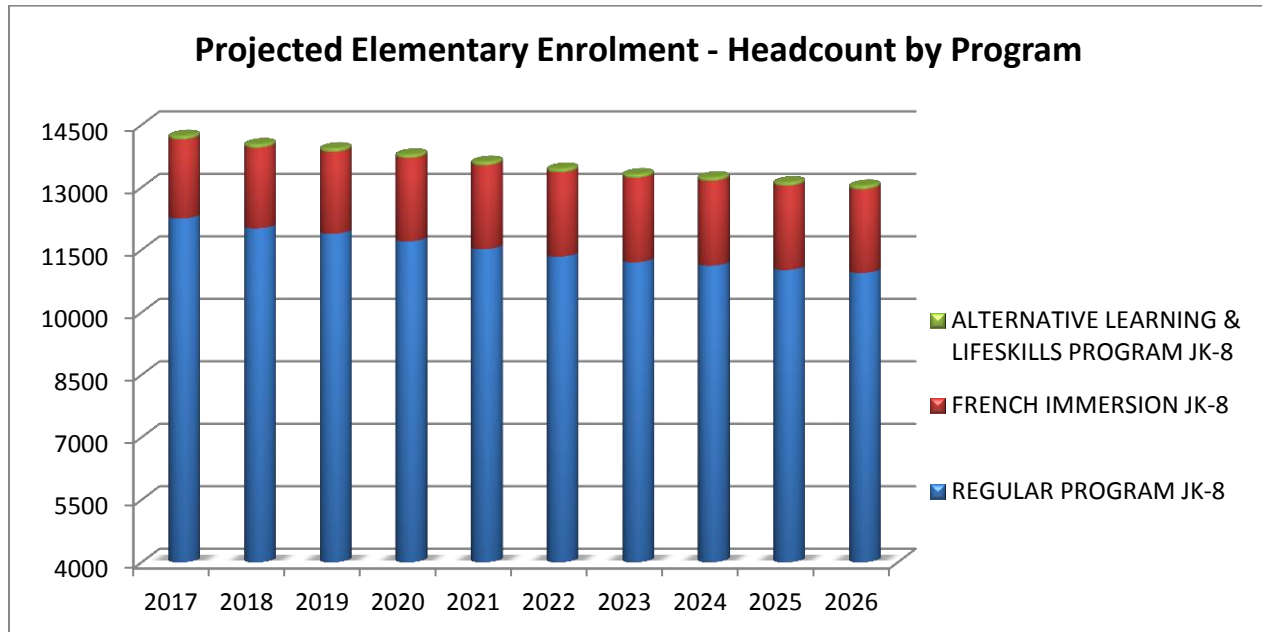


Baragar Systems 2015

Demographics data of School Aged Population indicates that over the past year, the Lambton Kent District School Board experienced a decline of 1.8% in the overall number of eligible school aged population. The data charted below shows a relatively higher decline in the number of eligible children ages 1-4 in comparison to past years. Ages 5-8 remains relatively stable, while both ages 9-12 and 13-16 show decline in the school aged population in the LKDSB catchment areas.

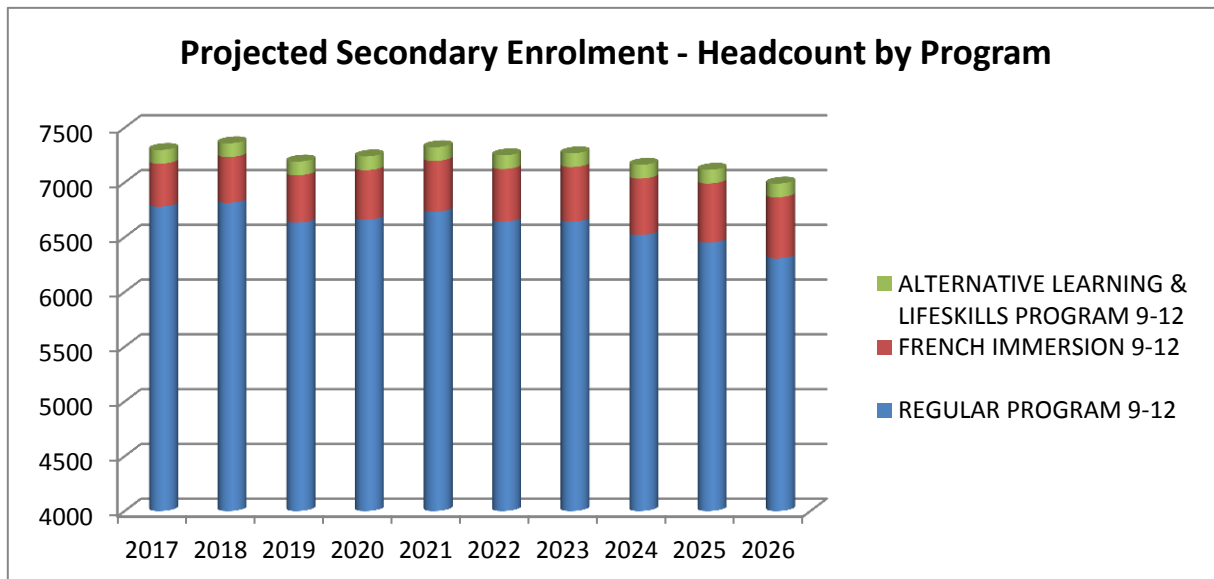
**LKDSB Projected Enrolment**

Elementary headcount is projected to continue to decline. This decline in enrolment is a result of the anticipated decline in birth rates, resulting in a smaller number of eligible JK students. In 2017, a high of 14,234 elementary aged students is projected, while 2026 projects an elementary enrolment of 13,037, a decline of 1,197 students in ten years.

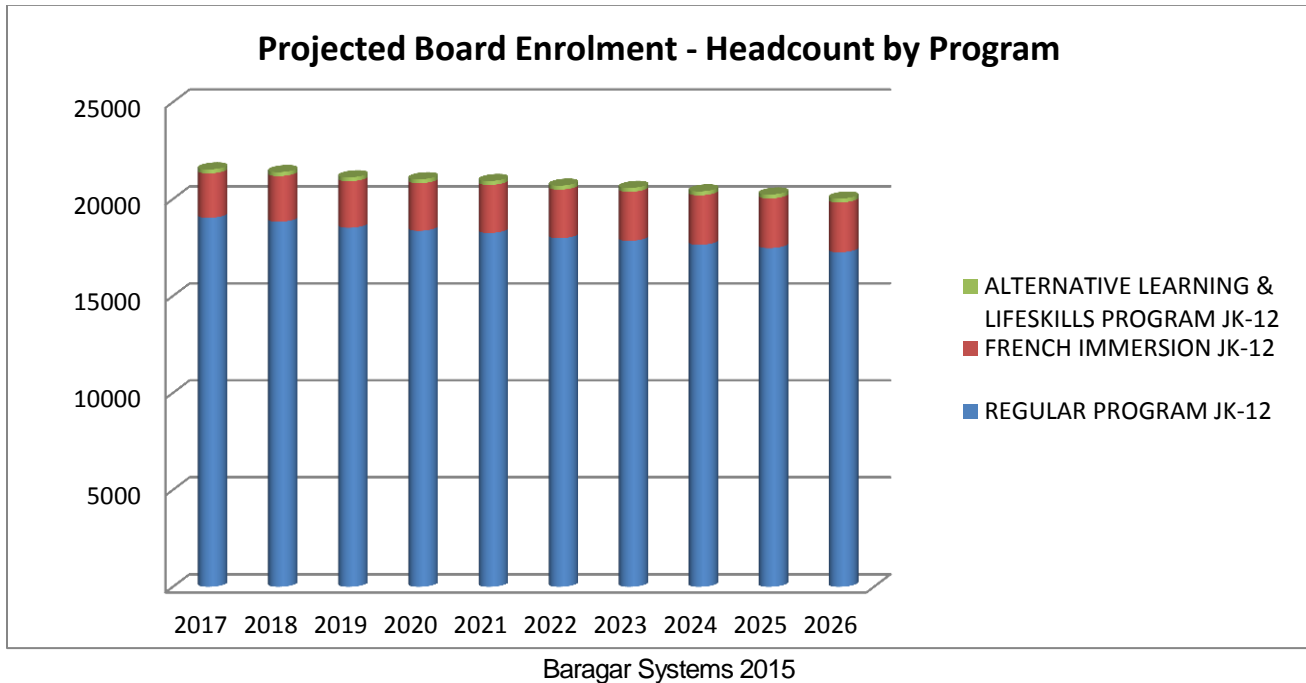


Baragar Systems 2015

Secondary enrolment (under 21) is projected to continue to decline over the next ten years. The numbers indicate a slight increase in some years as a larger elementary class moves to secondary. In 2026, an estimated headcount of 6,990 is projected, a decline of 307 total students from the 2017 projection of 7,297. It is important to note that with secondary enrolment, not all students in this headcount will be funded as fulltime students.



Overall LKDSB enrolment is projected to decline; however, that rate of decline is not projected to occur as rapidly as it has occurred over the past ten years.



By 2026, projections indicate that the overall LKDSB enrolment is expected to decline by approximately 1,504 students.

- Enrolments for JK-8 are projected to decrease by 1,197 students
- Enrolments for 9-12 are projected to decrease by 307 students

**Summary of Current Enrolment**

For the 2016/2017 school year, the LKDSB total enrolment has declined in spite of a slight increase in the elementary enrolment. As of September 14, 2016, there are 14,561 elementary aged students and 7,455 total secondary students. It is to be noted that this is the first time since amalgamation that elementary enrolment has experienced an increase.

These numbers represent student enrolment as of September 14, 2016. This enrolment data may fluctuate based on additional student admissions and/or departures that will occur between now and the first Ministry funding date of October 31<sup>st</sup>.



## Elementary Capacity Levels- Headcount – Current &amp; Projections

	Capacity	Sept. Actual	October Enrolment Projections			Percentage Capacity			
		at Sep 14-16	2017	2018	2019	at Sep 14-16	2017	2018	2019
AAWright	268	278	273	267	268	104%	102%	100%	100%
Aberarder	199	114	118	106	105	57%	59%	53%	53%
Bosanquet	328	184	184	185	188	56%	56%	56%	57%
Bridgeview	277	175	170	167	162	63%	61%	60%	58%
Brigden	305	211	214	208	195	69%	70%	68%	64%
Bright's Grove	378	340	324	316	311	90%	86%	84%	82%
Brooke Central	386	274	266	265	265	71%	69%	69%	69%
Cathcart	518	554	564	572	582	107%	109%	110%	112%
Colonel Cameron	340	200	197	188	172	59%	58%	55%	51%
Confederation	305	223	220	223	212	73%	72%	73%	70%
Dawn-Euphemia	256	127	114	119	119	50%	45%	46%	46%
Dresden	446	360	382	378	380	81%	86%	85%	85%
East Lambton	351	212	211	211	210	60%	60%	60%	60%
École Hillcrest	259	258	269	273	269	100%	104%	105%	104%
Errol Road	458	436	458	465	469	95%	100%	102%	102%
Errol Village	190	175	162	150	151	92%	85%	79%	79%
Grand Bend	248	232	185	174	171	94%	75%	70%	69%
Gregory Drive	374	266	259	257	244	71%	69%	69%	65%
Hanna Memorial	383	201	210	206	195	52%	55%	54%	51%
Harwich-Raleigh	581	400	362	351	351	69%	62%	60%	60%
High Park	553	390	383	379	376	71%	69%	69%	68%
HW Burgess	271	173	158	156	157	64%	58%	58%	58%
Indian Creek	643	520	545	547	555	81%	85%	85%	86%
John N Given	351	249	254	255	255	71%	72%	73%	73%
King George VI-Chatham	340	327	333	333	338	96%	98%	98%	99%
King George VI-Sarnia	374	277	283	281	279	74%	76%	75%	75%
Kinnwood	331	278	266	263	254	84%	80%	79%	77%
Lakeroad	394	153	158	153	156	39%	40%	39%	40%
Lambton Centennial	337	199	203	202	204	59%	60%	60%	61%
Lansdowne	389	299	331	328	322	77%	85%	84%	83%
London Road	282	172	178	171	171	61%	63%	61%	61%
McNaughton	757	697	674	667	669	92%	89%	88%	88%
Merlin	328	178	198	198	190	54%	60%	60%	58%
Mooretown	256	99	102	101	101	39%	40%	39%	39%
Naahii Ridge	375	266	275	262	264	71%	73%	70%	70%
PE McGibbon	530	515	472	476	483	97%	89%	90%	91%
Queen E II - Chatham	442	317	312	309	305	72%	71%	70%	69%
Queen E II - Petrolia	397	347	319	307	300	87%	80%	77%	76%
Queen E II - Sarnia	475	270	277	263	247	57%	58%	55%	52%
RDHS Gr 7/8	92	86	72	75	79	93%	78%	82%	86%
Riverview	268	160	172	156	149	60%	64%	58%	56%
Rosedale	492	493	445	440	443	100%	90%	89%	90%
Sir John Moore	472	512	483	484	500	108%	102%	103%	106%
South Plympton	144	128				89%			
Tecumseh	557	344	323	325	311	62%	58%	58%	56%
Thamesville	199	138	130	126	128	69%	65%	63%	64%
Tilbury Area	470	386	336	311	297	82%	71%	66%	63%
Victor Lauriston	533	351	313	301	299	66%	59%	56%	56%
WDSS Gr 7/8	161	143	140	133	136	89%	87%	83%	84%
Wheatley	337	186	178	170	169	55%	53%	50%	50%
Winston Churchill	374	247	240	229	230	66%	64%	61%	61%
WJ Baird	291	189	215	212	214	65%	74%	73%	74%
Wyoming	202/257	120	242	234	238	59%	94%	91%	93%
Zone	219	132	129	119	118	60%	59%	54%	54%
<b>Totals</b>	<b>19486</b>	<b>14561</b>	<b>14281</b>	<b>14047</b>	<b>13956</b>	<b>75%</b>	<b>74%</b>	<b>72%</b>	<b>72%</b>

## Secondary Capacity Levels – Headcount – Current &amp; Projections

	Capacity	Sep Actual	October Enrolment Projections			Percentage Capacity			
		at Sep 14-16	2017	2018	2019	at Sep 14-16	2017	2018	2019
AMSS	681	425	443	449	452	62%	65%	66%	66%
BDHS	747	313	321	318	317	42%	43%	43%	42%
CKSS	1407	1164	1123	1086	1092	83%	80%	77%	78%
GLSS	1029	1048	1074	1079	1052	102%	104%	105%	102%
JMSS	921	601	595	621	589	65%	65%	67%	64%
LCCVI	1164	780	791	833	812	67%	68%	72%	70%
LKCS	756	298	271	263	241	39%	36%	35%	32%
NCIVS	1341	1066	1013	1005	1002	79%	76%	75%	75%
NLSS	822	547	515	523	505	67%	63%	64%	61%
RDHS	474	202	181	181	154	43%	38%	38%	32%
TDHS	516	388	343	351	353	75%	66%	68%	68%
WDSS	1161	623	627	619	593	54%	54%	53%	51%
<b>Totals</b>	<b>11019</b>	<b>7455</b>	<b>7297</b>	<b>7328</b>	<b>7162</b>	<b>68%</b>	<b>66%</b>	<b>67%</b>	<b>65%</b>

AMSS	Alexander Mackenzie Secondary School
BDHS	Blenheim District High School
CKSS	Chatham Kent Secondary School
GLSS	Great Lakes Secondary School
JMSS	John McGregor Secondary School
LCCVI	Lambton Central Collegiate & Vocational Institute
LKCS	Lambton Kent Composite School
NLSS	North Lambton Secondary School
NCIVS	Northern Collegiate Institute and Vocational School
RDHS	Ridgetown District High School
TDHS	Tilbury District High School
WDSS	Wallaceburg District Secondary School

**Explanation of Individual School Capacity Updates**

In 2015/2016 the Ministry of Education implemented an audit of school boards which reported On-the-Ground (OTG) Capacity in the School Facilities Inventory System (SFIS) for 50 sites per year throughout the province to coincide with the next cycle of condition assessments between 2016 and 2020.

In order to be compliant with the Ministry of Education's audit process the LKDSB conducted an internal audit of all facilities to ensure SFIS available pupil spaces data was updated. Site visits were made and school administrators were consulted. This process found some minor differences with Ministry data and LKDSB information. These differences have now been updated. These updates resulted in 282 more pupil spaces being available in the elementary schools, which is an increase of slightly over 1%. Updates in secondary resulted in a decrease of 138 pupil spaces, which is a 1% decrease in overall capacity. This secondary update does not include the reduction in pupil spaces due to the consolidation to Great Lakes Secondary School.

## Utilization Trends for Ontario Schools data from 2014/2015 School Year -

<b>Average Capacity Determined by the Ministry of Education</b>	<b>Elementary</b>	<b>Secondary</b>
Province of Ontario	86.4%	79.6%
Ministry of Education London Region (South Western Ontario)	87.2%	79.8%

\*2015/2016 Ministry of Education Utilization Data is currently unavailable.

## Utilization Trends for the LKDSB

<b>Average Capacity Determined by the Ministry of Education</b>	<b>Elementary</b>	<b>Secondary</b>
LKDSB 2014/2015	75.3%	62.0%
LKDSB 2015/2016	74.7%	67.6%

## Financial Considerations

Strong fiscal management is an important component of Ontario's publicly funded education system. Ontario's Ministry of Education states, in their *Achieving Excellence: A Renewed Vision for Education in Ontario*, that "public trust is built when the education system makes decisions based on evidence and research, and when it is seen as a good steward of public resources". This focus has led to changes in how the Ministry is providing grant funding for education in the province. It is no longer fiscally sustainable to continue to fund empty pupil spaces in our schools. This practice diverts significant funding from students.

The LKDSB is experiencing changes in several funding lines, which began with the 2015/2016 budget. Funding changes are generally being phased in over a three year period as per the following schedule:

- 2015/2016 budget included 1/3 of the funding generated from the new funding model and 2/3 of the funding from the old funding model
- 2016/2017 budget includes 2/3 of the funding generated from the new funding model and 1/3 of the funding from the old funding model
- 2017/2018 budget will be based entirely on the new funding model

The reduction in grant funding may be subject to further adjustment due to changes in LKDSB annual enrolment.

## Top-up Allocation Under the School Facility Operations and Renewal Grant

Top-up funding as provided under the School Facility Operations and Renewal Grant has been provided to school boards since 2003 to assist in managing and funding underutilized schools. The old method of calculating top-up funding is being phased out over a three year period starting with the 2015/2016 budget year. The following table shows the annual impact of the funding phase out over the three year period. The loss in top-up allocation for the 2015/2016 budget year was the final funding loss after all enrolment adjustments occurred for that school year. The 2016/2017 top-up funding loss is based on LKDSB enrolment used to prepare the 2016/2017 school year budget. The 2017/2018 projected top-up funding loss is based on the same LKDSB enrolment numbers as were used in the 2016/2017 budget. Final annual funding amounts are not known until final enrolment numbers are provided to the Ministry of Education.

Budget Year	Budget Allocation Method	Calculation of Previous Year Funding	Budget Year Funding	Difference (Loss in Funding)
2015/2016	1/3 funding – new method 2/3 funding – old method	\$6,206,973	\$4,770,710	\$1,436,263
2016/2017	2/3 funding – new method 1/3 funding – old method	\$4,770,710	\$3,465,277	\$1,305,433
2017/2018	All funding – new method	\$3,465,277	\$2,159,844	\$1,305,433
<b>Total</b>				<b>\$4,047,129</b>

The Enhanced Top-up funding portion will continue with new Ministry eligibility criteria based on road network distance between facilities. Eligible schools within the LKDSB will continue to receive top-up to 100% of the school's capacity. The new eligibility criteria are as follows:

- Elementary schools must be at least 10 km away from the next closest school of the Board
- Secondary schools must be at least 20 km away from the next closest secondary school of the Board

Once the new model for Top-up Funding is completely phased in, LKDSB, without changes to our number and location of schools, will lose \$4,047,129 on an annual basis. The LKDSB, under the new Top-up Funding formula will receive funding for only 11 elementary schools rather than its current 47 elementary schools and

only 3 secondary schools rather than its current 12 secondary schools. The new Top-up funding formula no longer supports under-capacity schools that are operating in close proximity to other LKDSB schools.

### **Declining Enrolment Grant**

The Declining Enrolment Grant funds school boards that are experiencing a decline in student enrolment. This grant provides time for a school board to address declining enrolment through program and facility changes. The Ministry understands that it can take time to address declining enrolment and this funding source helps school boards bridge the time gap between enrolment issues and program and facility changes. This change will be phased in over a three year period. The LKDSB 2016-17 budget has experienced a loss in this grant in the amount of \$48,627. The reduction in this grant may be subject to further adjustment due to changes in LKDSB annual enrolment.

### **Geographic Circumstances Grant**

The Geographic Circumstances Grant provides funding to school boards that operate small, isolated schools and that are faced with additional operating costs due to geographical challenges such as board size and school dispersion. LKDSB is experiencing reductions in the following two areas of this grant:

- Remote and Rural Allocation – supports the higher cost of purchasing goods and services for small school boards, for school boards that are distant from major urban centres and for boards with schools that are distant from one another (LKDSB is facing a reduction in 2016-17 of \$25,642)
- Rural and Small Community Allocation – supports schools in rural or small communities (LKDSB is facing a reduction in 2016-17 of \$53,458)

Changes to this grant will be phased in over a three year period following the same 1/3-2/3 phase-in method as described above. The LKDSB will experience a total grant decrease of \$79,100 for 2016/2017 which is in addition to the 2015/2016 funding reduction in this area. After the three year phase-in of the new formula, the annual loss in funding will be \$230,000.

### **School Foundation Grant**

The School Foundation Grant covers the costs of school administration including salaries and benefits for principals, vice-principals and office support staff as well as school administration supplies. A new allocation method is being phased in for this grant. The new funding formula will shift funding away from small schools that are not isolated. Funding preference will be given to schools that are large, remote and/or combined. A combined school would contain grades from both the elementary and secondary panels. The LKDSB is losing funding under this grant. The 2016/2017 grant reduction is \$30,718.

### **Schools and the LKDSB Capital Replacement Program**

The LKDSB currently operates a total of 64 schools – 52 in the elementary panel and 12 in the secondary panel. Despite the fact that the LKDSB has fully spent its annual maintenance and capital improvement budgets, its buildings continue to deteriorate as they age. The LKDSB is located within the Ministry of Education London Region in Ontario which encompasses Southwestern Ontario.

\*The average age of schools in:

- Ontario is 38 years
- London Region is 43 years
- LKDSB secondary schools is 46 years
- LKDSB elementary schools is 51 years

\*Ministry of Education April 2014

The LKDSB receives grant funding on an annual basis to carry out capital repair and maintenance program on school facilities. Capital projects are prioritized based on school need and condition. The capital need and condition of our schools is used to calculate the Facility Condition Index (FCI). The FCI is a common facilities management benchmark that compares the relative condition of a group of facilities. The FCI compares the total cost of required capital work in LKDSB schools against the replacement value of those same schools. A facility with a high FCI would generally require a larger capital investment than a similar sized facility that has a lower FCI. High FCI scores are generally found in older buildings. The following tables summarize FCI data for LKDSB schools for a 5 Year and a 10 Year FCI calculation.

## 5 Year Renewal Data and 5 Year FCI Calculation as of September 1, 2016

School Name	School ID	5 Year Facility Condition Index (FCI)	Gross Floor Area - m <sup>2</sup>	Total Cost of Facility Work - 5 year period (\$)	Facility Replacement Value (\$)
Tilbury District High School	S1200062	87.90%	7,632	13,782,257	15,679,700
A A Wright Public School	S1200003	73.83%	2,978	4,637,985	6,281,990
Lambton Kent Composite School	S1200058	72.73%	13,567	14,626,614	20,110,300
Dresden Area Central School	S1200015	65.30%	4,377	7,295,341	11,171,280
John McGregor Secondary School	S1200055	63.49%	13,643	14,914,894	23,490,180
Mooretown-Courtright Public School	S1200036	63.37%	2,091	4,019,306	6,342,400
W J Baird Public School	S1200046	62.62%	3,296	4,107,723	6,559,440
Riverview Central School	S1200040	62.20%	2,379	3,796,187	6,103,320
East Lambton Elementary School	S1200064	60.15%	4,163	4,681,015	7,782,610
Tecumseh Public School	S1200042	58.90%	5,915	6,837,488	11,607,990
Cathcart Boulevard Public School	S1200010	56.66%	3,828	6,199,262	10,940,410
Indian Creek Road Public School	S1200025	56.64%	5,376	7,126,778	12,581,730
Queen Elizabeth II Public School – Petrolia	S1200065	56.14%	3,554	4,721,634	8,410,090
Colonel Cameron Public School	S1200051	55.88%	3,005	4,324,101	7,737,640
South Plympton Public School	S1200068	55.29%	1,466	2,227,861	4,029,580
Chatham-Kent Secondary School	S1200056	55.07%	17,424	21,423,371	38,903,960
Bridgeview Public School	S1200006	54.80%	2,909	3,376,499	6,161,450
Harwich-Raleigh Public School	S1200022	54.63%	5,100	6,163,429	11,282,310
Brigden Public School	S1200007	53.38%	2,332	3,535,250	6,622,510
Lakeroad Public School	S1200030	53.35%	2,962	4,482,039	8,401,400
Victor Lauriston Public School	S1200045	52.68%	3,852	5,293,280	10,047,230
Ridgetown District High School	S1200059	52.40%	8,710	7,571,926	14,449,190
North Lambton Secondary School	S1200054	52.29%	9,359	10,443,093	19,970,150
Merlin Area Public School	S1200035	52.13%	2,512	3,419,421	6,559,440
John N Given Public School	S1200026	51.61%	2,602	3,948,210	7,650,200
Lambton Central Collegiate Vocational Institute	S1200057	50.58%	16,382	16,703,586	33,027,200
Queen Elizabeth II Public School – Chatham	S1200037	49.74%	3,961	4,271,007	8,586,870
Sarnia Collegiate Institute & Technical School	S1200060	49.36%	16,289	14,579,633	29,536,110
Blenheim District High School	S1200053	48.20%	11,926	9,940,834	20,625,390
Alexander Mackenzie Secondary School	S1200052	48.15%	9,759	11,235,147	23,334,530
Errol Road Public School	S1200017	46.87%	3,715	4,318,954	9,214,250
London Road Public School	S1200033	46.82%	2,600	2,997,499	6,402,800
Bosanquet Central School	S1200005	46.53%	2,769	3,397,156	7,301,450
Winston Churchill Public School	S1200048	45.79%	3,161	3,774,669	8,242,880
H.W. Burgess Public School	S1200020	44.42%	1,915	2,795,449	6,292,740
Wallaceburg District Secondary School	S1200063	43.97%	17,564	15,543,199	35,349,600
Queen Elizabeth II Public School – Sarnia	S1200038	43.71%	3,128	3,995,288	9,140,450
Wheatley Area Public School	S1200047	43.58%	3,077	3,457,442	7,933,000

School Name	School ID	5 Year Facility Condition Index (FCI)	Gross Floor Area - m <sup>2</sup>	Total Cost of Facility Work - 5 year period (\$)	Facility Replacement Value (\$)
King George VI Public School – Chatham	S1200028	43.34%	2,640	3,212,982	7,413,520
Kinnwood Central Public School	S1200049	43.06%	3,896	3,153,716	7,323,320
Northern Collegiate Institute and Vocational	S1200002	42.95%	17,916	16,153,634	37,608,850
High Park Public School	S1200023	42.78%	4,161	4,883,860	11,414,950
Tilbury Area Public School	S1200044	42.76%	3,822	3,686,983	8,622,640
McNaughton Ave Public School	S1200034	41.27%	5,754	6,428,775	15,577,530
Confederation Central School	S1200011	40.72%	2,331	2,728,478	6,700,610
Thamesville Area Central School	S1200043	39.92%	1,737	2,201,658	5,515,620
St Clair Secondary School	S1200061	39.76%	14,049	13,081,474	32,899,870
Errol Village Public School	S1200016	39.25%	1,872	2,086,833	5,316,800
Aberarder Central School	S1200004	39.10%	1,696	2,177,595	5,568,650
Wyoming Public School	S1200066	38.04%	1,964	2,217,008	5,827,870
King George VI Public School - Sarnia	S1200029	36.45%	2,864	2,950,291	8,094,850
Hanna Memorial Public School	S1200021	35.56%	3,320	2,901,481	8,158,270
Lansdowne Public School	S1200032	34.07%	3,234	2,868,787	8,420,040
Naahii Ridge Public School	S1200024	33.88%	3,944	3,063,008	9,040,390
Gregory Drive Public School	S1200019	33.62%	3,153	2,773,458	8,249,060
Dawn-Euphemia School	S1200013	33.28%	1,958	2,021,653	6,074,330
Rosedale Public School	S1200041	32.42%	3,581	3,287,324	10,139,640
Hillcrest Public School	S1200067	31.95%	2,240	1,942,471	6,079,840
Lambton Central Centennial School	S1200031	31.17%	3,078	2,419,267	7,762,500
Brooke Central School	S1200009	30.68%	4,104	2,577,179	8,399,600
Bright's Grove Elementary School	S1200008	27.57%	3,664	2,236,363	8,110,650
Zone Township Central School	S1200050	27.16%	1,732	1,567,575	5,772,360
Sir John Moore Public School	S1200001	24.77%	4,628	2,467,409	9,960,800
Grand Bend Public School	S1200018	11.17%	2,707	679,888	6,084,230
P. E. McGibbon Public School	S1200027	5.68%	4,487	620,034	10,909,060

TOTALS:

47.90%

\$ 366,354,011 \$ 764,909,620

## 10 Year Renewal Data and 10 Year FCI Calculation as of September 1, 2016

School Name	School ID	10 Year Facility Condition Index (FCI)	Gross Floor Area - m <sup>2</sup>	Total Cost of Facility Work - 10 year period (\$)	Facility Replacement Value (\$)
Tilbury District High School	S1200062	101.79%	7,632	15,960,319	15,679,700
Sir John Moore Public School	S1200001	98.13%	4,628	9,774,282	9,960,800
Colonel Cameron Public School	S1200051	81.95%	3,005	6,341,278	7,737,640
W J Baird Public School	S1200046	81.09%	3,296	5,319,176	6,559,440
A A Wright Public School	S1200003	80.17%	2,978	5,036,585	6,281,990
John McGregor Secondary School	S1200055	79.53%	13,643	18,681,648	23,490,180
Dresden Area Central School	S1200015	73.52%	4,377	8,213,189	11,171,280
Lambton Kent Composite School	S1200058	72.82%	13,567	14,644,724	20,110,300
East Lambton Elementary School	S1200064	72.70%	4,163	5,657,737	7,782,610
Mooretown-Courtright Public School	S1200036	71.92%	2,091	4,561,511	6,342,400
Blenheim District High School	S1200053	70.79%	11,926	14,601,311	20,625,390
Bridgeview Public School	S1200006	68.63%	2,909	4,228,532	6,161,450
Tecumseh Public School	S1200042	67.71%	5,915	7,859,763	11,607,990
Victor Lauriston Public School	S1200045	65.76%	3,852	6,606,644	10,047,230
Winston Churchill Public School	S1200048	65.55%	3,161	5,403,358	8,242,880
North Lambton Secondary School	S1200054	65.01%	9,359	12,982,058	19,970,150
Harwich-Raleigh Public School	S1200022	64.77%	5,100	7,308,109	11,282,310
Queen Elizabeth II Public School - Petrolia	S1200065	63.87%	3,554	5,371,736	8,410,090
Sarnia Collegiate Institute & Technical School	S1200060	63.46%	16,289	18,744,046	29,536,110
Riverview Central School	S1200040	63.11%	2,379	3,851,951	6,103,320
Indian Creek Road Public School	S1200025	62.29%	5,376	7,836,571	12,581,730
Ridgetown District High School	S1200059	61.06%	8,710	8,823,171	14,449,190
Cathcart Boulevard Public School	S1200010	61.00%	3,828	6,673,742	10,940,410
Errol Road Public School	S1200017	58.68%	3,715	5,407,033	9,214,250
John N Given Public School	S1200026	58.38%	2,602	4,466,152	7,650,200
Wallaceburg District Secondary School	S1200063	57.94%	17,564	20,481,356	35,349,600
Chatham-Kent Secondary School	S1200056	57.69%	17,424	22,443,740	38,903,960
Alexander Mackenzie Secondary School	S1200052	57.19%	9,759	13,345,251	23,334,530
Queen Elizabeth II Public School - Chatham	S1200037	57.11%	3,961	4,903,814	8,586,870
South Plympton Public School	S1200068	56.02%	1,466	2,257,410	4,029,580
Merlin Area Public School	S1200035	54.76%	2,512	3,591,936	6,559,440
Wheatley Area Public School	S1200047	54.54%	3,077	4,326,516	7,933,000
Brigden Public School	S1200007	53.83%	2,332	3,564,584	6,622,510
Lakeroad Public School	S1200030	53.36%	2,962	4,482,599	8,401,400
Kinnwood Central Public School	S1200049	52.97%	3,896	3,879,091	7,323,320
Bosanquet Central School	S1200005	52.96%	2,769	3,866,687	7,301,450
King George VI Public School - Chatham	S1200028	52.74%	2,640	3,909,730	7,413,520
Lambton Central Collegiate Vocational Institute	S1200057	52.16%	16,382	17,226,447	33,027,200
H.W. Burgess Public School	S1200020	50.80%	1,915	3,196,753	6,292,740
Hanna Memorial Public School	S1200021	50.58%	3,320	4,126,301	8,158,270
Thamesville Area Central School	S1200043	50.18%	1,737	2,767,549	5,515,620
Tilbury Area Public School	S1200044	50.06%	3,822	4,316,149	8,622,640
London Road Public School	S1200033	48.33%	2,600	3,094,448	6,402,800
Zone Township Central School	S1200050	47.90%	1,732	2,764,697	5,772,360
Queen Elizabeth II Public School - Sarnia	S1200038	46.80%	3,128	4,277,285	9,140,450
High Park Public School	S1200023	46.40%	4,161	5,296,719	11,414,950
Northern Collegiate Institute and Vocational	S1200002	45.39%	17,916	17,070,279	37,608,850



School Name	School ID	10 Year Facility Condition Index (FCI)	Gross Floor Area - m <sup>2</sup>	Total Cost of Facility Work - 10 year period (\$)	Facility Replacement Value (\$)
McNaughton Ave Public School	S1200034	44.59%	5,754	6,945,459	15,577,530
Brooke Central School	S1200009	44.24%	4,104	3,715,763	8,399,600
Aberarder Central School	S1200004	43.92%	1,696	2,446,023	5,568,650
King George VI Public School - Sarnia	S1200029	43.20%	2,864	3,497,145	8,094,850
Wyoming Public School	S1200066	43.18%	1,964	2,516,702	5,827,870
Confederation Central School	S1200011	42.88%	2,331	2,873,501	6,700,610
Gregory Drive Public School	S1200019	41.83%	3,153	3,450,402	8,249,060
Naahii Ridge Public School	S1200024	41.76%	3,944	3,775,485	9,040,390
St Clair Secondary School	S1200061	41.51%	14,049	13,658,364	32,899,870
Errol Village Public School	S1200016	41.28%	1,872	2,194,709	5,316,800
Lansdowne Public School	S1200032	40.43%	3,234	3,403,937	8,420,040
Bright's Grove Elementary School	S1200008	39.97%	3,664	3,241,987	8,110,650
Dawn-Euphemia School	S1200013	39.10%	1,958	2,375,162	6,074,330
Lambton Central Centennial School	S1200031	36.78%	3,078	2,854,890	7,762,500
Rosedale Public School	S1200041	36.66%	3,581	3,717,584	10,139,640
Hillcrest Public School	S1200067	36.24%	2,240	2,203,615	6,079,840
P. E. McGibbon Public School	S1200027	29.32%	4,487	3,198,828	10,909,060
Grand Bend Public School	S1200018	17.87%	2,707	1,087,216	6,084,230

TOTALS:

57.09%

\$ 436,700,739 \$ 764,909,620

## Capital Planning

The LKDSB's annual budget contains capital renewal funding which is comprised of School Renewal Grants and School Condition Grants. Both of these grants are applied to the capital needs of the LKDSB's facilities in the following areas:

- Building Shell - including walls, foundation and roof
- Building Site Work - including parking lots, sidewalks and playground asphalt
- Building Systems - including heating, plumbing, electrical
- Interior Spaces - including classroom interiors

For the 2016/2017 budget year, the LKDSB has received \$20,014,682 in funding that can be applied to the capital program. Current annual funding is not sufficient to cover the current capital needs of the LKDSB which is resulting in a sizable funding gap. Failure to reduce the number of schools will only create a larger unfunded gap. A reduction in the number of schools is necessary in order for the LKDSB's capital dollars to be efficiently allocated to strengthen the learning environment for the maximum number of students on an equitable basis.

Significant renovations to the LKDSB schools are funded annually in the LKDSB's approved budget. In the summer of 2016, approximately \$10 million of improvements was completed in over 20 schools for various capital projects including heating/HVAC replacement and upgrades, mechanical/electrical upgrades, roofing replacements, structural reinforcement, paving of parking lots and student play areas, track and field renovations, lighting upgrades and retrofits and voltage harmonization. These projects were funded from the LKDSB's Capital Allocation Grant which is comprised of School Condition and School Renewal Grants.

Additions to LKDSB facilities may be funded from additional Ministry of Education grants. These grants are application-based requiring the LKDSB to complete a separate application for each capital request. Each request is evaluated by the Ministry of Education with only approved projects receiving funding. The LKDSB competes against other school boards for this application-based funding and can only submit projects when available funding programs are announced by the Ministry. The Ministry has communicated during past application intakes that school boards need to address declining enrolment through the closure of schools if school boards want to be successful in receiving dedicated capital funding.

As school buildings are closed and consolidated, the proceeds of disposition from the sale of surplus properties can only be used as a funding source for capital work.

**Proposed Pupil Accommodation Review Plan by Phases**

Phase	Description of Consolidation	Potential Timeline
<b>Forest Area</b>	<p><u>Original Option:</u></p> <p>Construct a Grade 7 to Grade 12 addition on to the existing Kinnwood Central School site.</p> <p>Close and relocate students from:</p> <ul style="list-style-type: none"> <li>a) Aberarder Central School;</li> <li>b) Bosanquet Central School;</li> <li>c) Kinnwood Central School and</li> <li>d) North Lambton Secondary School</li> </ul> <p>to the newly consolidated Kindergarten to Grade 12 school on the existing Kinnwood Central School site.</p> <p><u>Additional Option:</u></p> <p>If funding is not provided by the Ministry of Education to construct a Grade 7 to Grade 12 addition on to the existing Kinnwood Central School site, Administration would recommend closing Aberarder Central School and relocating the students at the Kinnwood Central School site.</p>	Proposed to commence October 2016
<b>Chatham Elementary</b>	<p>Close John N. Given Public School and relocate students to:</p> <ul style="list-style-type: none"> <li>a) Tecumseh Public School (Kindergarten to Grade 8 English Language Program Students) and</li> <li>b) McNaughton Avenue Public School (Grade 7 and 8 French Immersion Program Students)</li> </ul>	Proposed to commence October 2016
<b>Blenheim-Ridgetown Tilbury and South Chatham Area</b>	<p><u>Original option:</u></p> <p>Construct a Kindergarten to Grade 12 School on either the Blenheim District High School site or Harwich Raleigh Public School site.</p> <p>Close and relocate the students from:</p> <ul style="list-style-type: none"> <li>a) Harwich Raleigh Public School (English Language and French Immersion Programs);</li> <li>b) W.J. Baird Public School;</li> <li>c) Ridgetown District High School Grade 7 and 8 Program;</li> <li>d) Ridgetown District High School and</li> <li>e) Blenheim District High School</li> </ul> <p><u>Additional option:</u></p> <p>Construct a Grade 9 to Grade 12 Consolidated Secondary School at a site to be determined.</p> <p>Close and relocate the secondary students from:</p> <ul style="list-style-type: none"> <li>a) Blenheim District High School;</li> <li>b) John McGregor Secondary School;</li> <li>c) Ridgetown District High School and</li> <li>d) Tilbury District High School</li> </ul> <p>Relocate Ridgetown District High School Grade 7 and 8 students to Naahii Ridge Public School.</p> <p>Close W.J. Baird Public School and relocate students to Harwich Raleigh Public School in Blenheim.</p>	<p>Online community engagement/study of South Kent stakeholders Spring 2017.</p> <p>Proposed Pupil Accommodation Review start date to be determined</p>

<p><b>Sarnia Elementary</b></p>	<p>Construct a new elementary school on the property the LKDSB owns in Sherwood Village subdivision to house local students currently bused to King George VI (Sarnia), Lakeroad, Confederation Central, High Park and Errol Road Public Schools respectively.</p> <p>Close Confederation Central Public School and relocate students to:</p> <ul style="list-style-type: none"> <li>a) the newly constructed school in Sherwood Village or</li> <li>b) Brigden Public School or</li> <li>c) Wyoming Public School.</li> </ul> <p>Close Queen Elizabeth II (Sarnia) Public School and relocate students to:</p> <ul style="list-style-type: none"> <li>a) High Park Public School or</li> <li>b) Lansdowne Public School.</li> </ul> <p>Close London Road Public School and relocate students to Hanna Memorial Public School.</p> <p>Close Lakeroad Public School and relocate students to:</p> <ul style="list-style-type: none"> <li>a) the newly constructed school in Sherwood Village or</li> <li>b) King George VI (Sarnia) Public School or</li> <li>c) Cathcart Boulevard. Public School.</li> </ul> <p>Relocate the English Language Program students at Errol Road Public School to:</p> <ul style="list-style-type: none"> <li>a) King George VI (Sarnia) Public School or</li> <li>b) Cathcart Boulevard Public School.</li> </ul> <p>Relocate the French Immersion Programs at High Park Public School and Cathcart Blvd. Public School to a Single Track site at Errol Road Public School. Construct an addition of approximately six classrooms at Errol Road Public School to accommodate students.</p>	<p>Online community engagement/study of City of Sarnia stakeholders (date to be determined).</p> <p>Proposed Pupil Accommodation Review start date to be determined.</p>
<p><b>Corunna-Mooretown Area</b></p>	<p><u>Original Option:</u></p> <p>Close Mooretown-Courtright Public School and Colonel Cameron Public School.</p> <p>Relocate students to:</p> <ul style="list-style-type: none"> <li>a) Sir John Moore Community School or</li> <li>b) Riverview Central Public School.</li> </ul> <p>Addition of 10 classrooms at Sir John Moore Community School site.</p> <p><u>Additional Option:</u></p> <p>Close Mooretown-Courtright Public School and consolidate students at Colonel Cameron Public School.</p>	<p>To Be Determined</p>

<p><b>Dresden Area</b></p>	<p><u>Original Option:</u></p> <p>Reconfiguration of Lambton Kent Composite School (LKCS) into a Kindergarten to Grade 12 School.</p> <p>Close Dawn-Euphemia School and relocate students to:</p> <ul style="list-style-type: none"> <li>a) Lambton Central Centennial School or</li> <li>b) Brooke Central Public School or</li> <li>c) The new Lambton Kent Composite School Kindergarten to Grade 12 School or</li> <li>d) Brigden Public School or</li> <li>e) H.W. Burgess Public School</li> </ul> <p>Close Zone Township Central School and relocate students to Thamesville Area Central School.</p> <p>Close Dresden Area Central School and relocate students to the reconfigured Kindergarten to Grade 12 School at Lambton Kent Composite School.</p> <p><u>Additional Option:</u></p> <p>Close Dresden Area Central School and relocate students to a reconfigured Kindergarten to Grade 8 school at the Lambton Kent Composite School site.</p> <p>Relocate Grade 9-12 Lambton Kent Composite School students to:</p> <ul style="list-style-type: none"> <li>a) Chatham-Kent Secondary School or</li> <li>b) Lambton Central Collegiate Vocational Institute or</li> <li>c) Wallaceburg District Secondary School</li> </ul> <p>Close Dawn-Euphemia School and relocate students to:</p> <ul style="list-style-type: none"> <li>a) Lambton Central Centennial School or</li> <li>b) Brooke Central Public School or</li> <li>c) The reconfigured Kindergarten to Grade 8 school at the Lambton Kent Composite School site or</li> <li>d) Brigden Public School or</li> <li>e) H.W. Burgess Public School</li> </ul> <p>Close Zone Township Central School and relocate students to Thamesville Area Central School.</p>	<p>To Be Determined</p>
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