

**APPLICATION GUIDELINES:**  
**SCHOOL SPACE ACCOMMODATION STANDARDS**  
**2000 REVISION**

**Department of Indian Affairs and Northern Development**  
**July 6, 2000**

(Ce document est disponible en français)

**APPLICATION GUIDELINES:  
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**2000 REVISION**

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# **APPLICATION GUIDELINES : SCHOOL SPACE ACCOMMODATION STANDARDS**

## **2000 REVISION**

### **1.0 Introduction**

The application guidelines for the school space accommodation standards are intended to assist those involved in the planning and design of First Nations schools. The school space accommodation standards (SSAS) are contained in DIAND's **Directive entitled "Levels of Service Standards - Schools (School Space Accommodation Standards)"**, dated July 6, 2000. The school space accommodation standards take into account the curriculum needs of Indian students and cultural and community needs, and are based on enrolments projected for the fifth year of expected occupancy.

The standards, summarized in the tables in Appendix A1 :

- a. establish a maximum allowable gross floor area for schools;
- b. recommend the minimum number of classrooms and kindergarten rooms to be provided; and
- c. recommend the types of special purpose areas for inclusion in schools.

Regular classrooms, kindergarten rooms, and various special purpose areas are all required to implement an education program. First Nations have flexibility and choice in the design of schools within the allowable gross floor area established by the standards and set out in tables in Appendix A1.

### **2.0 Recommended Net Areas Tables**

Recommended net floor areas are set out in tables in Appendix A2. These are the space components that make up the net floor area of a school and which consist of instructional and administrative space. The recommended net floor areas reflect the amount of space that is generally provided in Canadian schools though not necessarily by any one province. The recommended net floor areas are not part of the school space accommodation standards as such, but they are reliable benchmarks and useful in developing formal plans of school space.

### **3.0 Space Allocation**

School space must be within the allowable gross floor areas specified in Tables 1 to 6 of Appendix A1. These tables recommend the number of classrooms and kindergarten rooms, and the types of special purpose areas, based on student enrolment and school type. These

recommendations reflect established practice in provincial jurisdictions. The total space allocation is based on the student enrolment projected for the fifth year of planned occupancy of the school (see 14.0, School Space Calculation Forms, Part A).

#### **4.0 Additions or Added Facilities**

When an addition to an existing school is planned, the allowable gross floor area for the extension is calculated by taking the allowable gross area for the total projected school enrolment and subtracting the gross floor area of the existing facility (see 14.0, School Space Calculation Forms, Part C). This difference represents the allowable gross floor area of the addition.

The allowable gross area of an addition is the same whether the addition is an extension to the existing school or physically separate on the same school site. The Program Directive on Level of Service Standards - School Site Development stipulates that there should normally be only one educational complex on a reserve. All reasonable land expansion options should be considered to enlarge an existing site, if necessary.

In the case of additions to existing facilities, the allowable gross area may be increased to compensate for inefficiencies in the net to gross ratio of facilities constructed before 1988. The mode of calculation is set out in 14.0, School Space Calculation Forms, Part C.

#### **5.0 Net and Gross Floor Area**

The term “gross floor area” is defined as the sum of all enclosed floor areas measured to the outside face of perimeter walls, without deductions for any openings, walls, partitions or columns. Thus, the gross floor area is calculated using the outside dimensions of the building.

Included in the school area and calculated in the gross allowable floor area are enclosed connecting passageways, tunnels, floor areas, basements, crawl spaces and mezzanines, each with headroom of 2 m or more.

Net floor areas are calculated using the inside dimensions of areas such as those listed in Appendix A2 and of other areas (e.g. kitchen/cafeteria/servery) proposed by First Nations.

Areas not used in net floor area calculations include walls, partitions, halls or circulation space including barrier-free design considerations, mechanical rooms, janitor’s storage, washrooms (other than gymnasium), gymnasium storage (other than gymnasium equipment and apparatus), cloakroom space or lockers (other than gymnasium), and maintenance rooms.

The area requirement for these items is accommodated within the net-to-gross ratio allowance which, in order to use space to best advantage, should ideally correspond to the net-to-gross ratios for specific schools sizes in Appendix A2

## 6.0 Elementary and Secondary Classrooms

When a five-year enrolment projection indicates an average of at least 10 full-time students, with no less than 10 in the fifth year, a school including one basic classroom may be established. The student count includes full-time equivalencies for students funded for half-time attendance and part-time high school students. Thus, a projected enrolment of 8 full-time students and 4 half-time kindergarten students would meet the required minimum of 10.

The number of classrooms indicated in the standards is based on projected student enrolment, with an average of 25 students per classroom following an initial maximum of 34 students for the first classroom. The recommended floor area of classrooms is 69.1 m<sup>2</sup>, with 66.9m<sup>2</sup> considered minimum. However, when grade enrolment is very small, consideration might be given to smaller than standard classrooms.

## 7.0 Kindergarten Rooms

The number of kindergarten rooms recommended is based on the projected student enrolment and kindergarten rooms designed to accommodate up to 52 half-time kindergarten students. The recommended floor area of a kindergarten room is 100.8 m<sup>2</sup>, with 66.9 m<sup>2</sup> considered minimum. A separate kindergarten room is not recommended for enrolment of less than 12 (half-time) kindergarten students.

The A tables already include space for 1 or 2 kindergarten rooms based on (12-52) or (53-104) half-time students. Therefore, only the additional kindergarten area is added when required, as follows: add a kindergarten room of 100.8 m<sup>2</sup> for each increment of 52 additional half-time students or part thereof. Use the net/gross ratio recommended in Appendix A2 to determine the gross area allowable for additional kindergarten(s). For example, the additional gross floor area or 2 more kindergarten rooms (total 4) in a school with an elementary-secondary enrolment of between 503 and 528 would be calculated as follows :

$$2 (100.8 \div 0.75) = 270 \text{ m}^2 \text{ (rounded).}$$

## 8.0 Special Purpose Areas

The number, type and size of special purpose rooms provided will vary with the type of school and projected enrolment. These rooms are normally added as student enrolment increases. For example, an elementary/secondary student enrolment between 35 and 60 will normally include a multi-purpose room. For an elementary/secondary enrolment between 61 and 86 students, a library/resource centre is recommended (see Appendix A1 Table 1B). Also certain areas, such as the auditorium/gymnasium, should increase in size as the number of students and the school grade levels involved increase.

Special Purpose areas include:

- Administrative Areas
  - Administration (see 8.1)
  - Staff Room (see 8.1)
  - Educational Storage (see 8.2)
  - Health Room (see 8.3)
  
- Multi-Purpose Rooms
- Library/Resource Centres
- Auditorium/Gymnasium (see 8.4, Gym Support)
- Science Rooms
- Home Economics Rooms
- Industrial Arts Rooms
- Commercial/Computer Rooms
- Other areas as proposed by First Nations

Appendix A1 indicates when each of these areas is recommended.

### **8.1 Administration** (Including Offices and Staff Room)

The amount of space required for offices and staff rooms varies considerably, as Appendix A2 shows, depending on projected enrolment.

### **8.2 Educational Storage** (Storage for School Supplies)

Storage space for educational supplies should be sized to meet the needs of the school. In isolated areas where schools get their supplies only once a year, it is particularly important that sufficient storage space be available.

### **8.3 Health Room** (First Aid Space)

A first aid area or health space should be provided in all schools. The health space should include, as a minimum, a sink and a lockable cupboard for supplies. In schools with fewer than six classrooms, this type of space may be incorporated in the multi-purpose room or the administration area. For larger schools, a separate health room is recommended.

### **8.4 Gym Support**

A gym office is recommended if a school has 16 or more classrooms or one full-time physical education instructor. If a school has more than one full-time physical instructor, a separate office for each full-time instructor is advisable.

The needs of the physical education curriculum must be taken into account when providing space for the storage of gymnasium equipment. This storage space is in addition to space for storing chairs and tables.

## **9.0 Ceiling Heights**

The following ceiling heights are recommended. However, there may be some variation due to the structural characteristics of the building, the roof line of adjoining rooms, or the activity for which the room will be used.

Classrooms, library	2.7 to 3.0 m
Administration areas, e.g. staff room, etc.	2.4 to 3.0 m
Industrial arts room or shops (with appropriate outside entrance)	up to 3.7 m
General purpose or activity rooms for school which do not warrant a gymnasium	up to 4.3 m
Gymnasium	up to 6.7 m

Sloping ceilings may exceed these recommended heights if they provide for good use of space and incorporate energy efficient design practice.

## **10.0 Open Classrooms**

When open classrooms are proposed, the net classroom area of the total school should be equivalent to that provided by conventional classrooms. In addition, allowance should be made for corridors and partitions to permit conversion to regular classrooms.

## **11.0 Circulation and Service Areas**

### **11.1 Corridors**

The minimum width recommended for corridors is 2.4 m for Division I to III and 3.0 m for Division IV. Where lockers are located on one side of the corridor, a minimum of 0.6 m should be added to the corridor width. Where lockers are located on both sides of the corridor, a minimum of 1.2 m should be added to the corridor width. In all cases, the width is measured from wall to wall.

In the case of overlapping divisions, it is recommended that the smaller corridor size be applied only to those school areas used exclusively by the lower division.



## **11.2 Maintenance Rooms**

It is highly recommended that a minimum of 1% of the allowable gross area be set aside as maintenance room space. This space could be adjacent to, or combined with, the janitor's storage room.

## **11.3 Janitor's Storage Rooms**

It is recommended that a janitor's room of adequate size be provided to allow for small maintenance repairs and for storage of equipment such as snowblowers, lawnmowers, etcetera. This facility should be directly accessible to both the interior and exterior. When more than one storage room is planned, exterior access should be provided to at least one of them. Large grounds maintenance equipment may be housed in separate facilities on the school site.

## **12.0 Washrooms**

Washroom facilities must conform to the latest edition of the National Building Code (NBC). Primary school requirements of the NBC are to be applied to Divisions I and II and the NBC's secondary school requirements are to be applied to Divisions III and IV (see Appendix A, page 1 for description of school divisions). Washroom fixtures in auditorium/gym areas may be included in the number required by the NBC.

## **13.0 Barrier-Free Design**

All new schools including additions and renovations to existing schools are to provide barrier-free access and related washroom and other special facilities for the disabled as may be required to conform to the latest edition of the National Building Code.

## **14.0 Space Calculation Forms**

Part A illustrates how to identify the enrolment of kindergarten students and elementary and secondary school students in the fifth year of occupancy.

Part B provides a summary of net enrolment to be accommodated in proposed facility.

Part C provides the methodology for calculating the allowable gross floor area of additions to existing buildings constructed to pre-1988 SSAS.

**SCHOOL SPACE CALCULATION**  
**PART A - STUDENT ENROLMENT ESTIMATES: FIVE-YEAR PROJECTION**

Region: \_\_\_\_\_

Project: \_\_\_\_\_

Band: \_\_\_\_\_

Reserve: \_\_\_\_\_

**I KINDERGARTEN ENROLMENT ESTIMATE**

YEAR	K4	K5	TOTAL
First Year of Occupancy*	_____	_____	_____
2 <sup>nd</sup> Year	_____	_____	_____
3 <sup>rd</sup> Year	_____	_____	_____
4 <sup>th</sup> Year	_____	_____	_____
5 <sup>th</sup> Year	_____	_____	<input style="width: 80px; height: 20px;" type="text"/> (a)

**II ELEMENTARY AND SECONDARY ENROLMENT ESTIMATE**

YEAR	<u>1 - 3</u> DIV I	<u>4 - 6</u> DIV II	<u>7 - 9</u> DIV III	<u>10 - 12</u> DIV IV	TOTAL
First Year of Occupancy	_____	_____	_____	_____	_____
2 <sup>nd</sup> Year	_____	_____	_____	_____	_____
3 <sup>rd</sup> Year	_____	_____	_____	_____	_____
4 <sup>th</sup> Year	_____	_____	_____	_____	_____
5 <sup>th</sup> Year	_____	_____	_____	_____	<input style="width: 80px; height: 20px;" type="text"/> (b)

\* First year of occupancy refers to the year in which occupancy of the facility is estimated to take place

Completed by : \_\_\_\_\_

Date : \_\_\_\_\_

**SCHOOL SPACE CALCULATION**  
**PART B - SUMMARY OF PROJECTED STUDENT ENROLMENTS**

Region: \_\_\_\_\_

Project: \_\_\_\_\_

Band: \_\_\_\_\_

Reserve: \_\_\_\_\_

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I Total kindergarten enrolment  
(Box (a) of Part A)  ( 1 )

II Total elementary and secondary  
enrolment  
(Box (b) of Part A) \_\_\_\_\_ ( 2a )

Minus student spaces purchased  
through joint school  
contributions \_\_\_\_\_ ( 2b )

Plus or minus adjustments  
(Specify) \_\_\_\_\_ ( 2c )

III Net elementary and secondary  
enrolment to be accommodated by  
facilities under these standards  
(2a minus 2b plus or minus 2c)  ( 3 )

Completed by : \_\_\_\_\_

Date : \_\_\_\_\_

**PART C - USE OF NET / GROSS RATIO WITH NET AREA OF EXISTING FACILITY\* TO ESTABLISH SIZE OF ADDITION**

Region: \_\_\_\_\_

Project: \_\_\_\_\_

Band: \_\_\_\_\_

Reserve: \_\_\_\_\_

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M <sup>2</sup>
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Net Area of Existing Facility\* (1) \_\_\_\_\_

Recommended Net / Gross Ratio of Proposed Facility (Use appropriate ratio from tables in Appendix A2) (2) \_\_\_\_\_

Calculated Gross Area of Existing Facility Using Recommended Net / Gross Ratio : (1) ÷ (2) (3) \_\_\_\_\_

Gross Area of Proposed Facility Allowable under the Standards (4) \_\_\_\_\_

Gross Area of Addition : (4) - (3) (5) \_\_\_\_\_

Completed by : \_\_\_\_\_

Date : \_\_\_\_\_

\* *Pre-1988 SSAS facilities only.*

**EXPLANATORY NOTES AND TABLES**  
**SCHOOL SPACE ACCOMMODATION STANDARDS**

Department of Indian Affairs and Northern Development  
July 6, 2000

## EXPLANATORY NOTES

The SSAS tables correspond to existing education divisional systems in the following way:

Tables	School Type	Division*	Grade Grouping
1A	Elementary	I, II	K to 6**
1B	Above without kindergarten		
1C	Elementary (kindergarten only)	I	K4 and K5
2A	Elementary / junior secondary	I, II, III	K to 9
2B	Above without kindergarten		
3A	Comprehensive	I, II, III, IV	K to 12****
3B	Above without kindergarten		
4	Intermediate elementary / junior secondary	II, III	4 to 9
5	Intermediate elementary / secondary	II, III, IV	4 to 12****
6	Secondary	III, IV	7 to 12****

\* In the Division system I is Primary, grades K to 3;  
 II is Intermediate, grades 4 to 6;  
 III is Junior High, grades 7 to 9  
 (Secondary 1 and 2 in Quebec);  
 IV is Senior High, grades 10 to 12  
 (Secondary 3, 4, 5 in Quebec).

\*\* In Quebec, the make-up year following grade 6 is included in Table 1, not Table 6.

\*\*\* In Ontario, Tables 3, 5 and 6 include the additional year of post-grade 12 OAC (Ontario Academic Credits).

The appropriate table for calculating allowable gross area is the one that most closely corresponds to the school type planned. Schools with kindergarten use “A” tables (space for kindergarten enrolment is included in Gross Floor Area Allowable - do not count kindergarten enrolment in elementary-secondary enrolment); schools without kindergarten use “B” tables; schools consisting of kindergartens only use table “C”. Incomplete divisions are treated as if complete. For example, table 3A applies equally to schools offering grades K - 10 or K - 11 or K - 12.

Using the enrolment projected for the 5th year of occupancy, select the appropriate table according to the grade levels or divisions to be accommodated in the school. From the table, select the enrolment range which matches the enrolment projections, e.g., kindergarten enrolment range 12-52 students, and elementary/secondary enrolment range 165-190 students. Read across the table to find the total allowable gross floor area and recommended types of rooms to be provided.

For elementary or secondary enrolments greater than those listed in the tables, add 8.3 m<sup>2</sup> to the allowable gross floor area for each additional student.

If the number of kindergarten students exceeds that listed in table “C”, add 3.0 m<sup>2</sup> to the total allowable gross floor area for each additional half-time kindergarten student.

The number of regular classrooms recommended is based on the projected student enrolment and classrooms designed to accommodate an average of 25 students per classroom following an initial maximum of 34 students for the first classroom.

The following is an explanation of the notation found on the standards tables:

- a) Special Purpose Areas are recommended where indicated by asterisks (\*). For example, a Division I school comprising a kindergarten and 10 to 34 elementary students would normally have a multi-purpose room allocated within its gross allowable floor area in addition to a classroom, a kindergarten room and an administration area.
- b) The kindergarten enrolments shown refer to the actual number of students attending on a half day basis. For schools authorized to provide full-time K5, make adjustments so that adequate kindergarten space is provided for all kindergarten students. For example, an enrolment of 20 half-time K4 and 20 full-time K5 would require an additional kindergarten since the kindergarten rooms are designed to accommodate a total 26 children. On the other hand, an enrolment of 16 full-time K5 and 20 half-time K4 could be accommodated in one kindergarten (16+10 in the morning, and 16+10 in the afternoon). If kindergarten space is required in addition to the kindergarten space provided in the appropriate table for elementary-secondary enrolment, add 100.8 m<sup>2</sup> divided by the recommended net to gross ratio (see Appendix A2) to the allowable gross area for each additional kindergarten required.
- c) No elementary/secondary classroom or kindergarten room is provided for an enrolment under 10 students (full-time equivalents).
- d) Multi-purpose rooms are not recommended for elementary enrolments from 87 to 138 students (schools of 4 and 5 regular classrooms) where auditorium/gymnasium facilities are provided.

**SCHOOL SPACE ACCOMMODATION  
STANDARDS TABLES**

Department of Indian Affairs and Northern Development  
July 6, 2000



**SCHOOL SPACE ACCOMMODATION STANDARDS  
 ELEMENTARY SCHOOLS WITH KINDERGARTEN  
 SCHOOL DIVISIONS: I AND II GRADES: KINDERGARTEN TO GRADE 6 (SEE SECTION 2.0)**

**Appendix A1  
 TABLE 1A  
 Revised July 6, 2000**

Kindergarten Enrolment (b)	Elementary Enrolment		Classrooms (c)	Kindergartens	Special Purpose Areas (a)							Gross Floor Area Allowable (m <sup>2</sup> )	
	Min.	Max.			Administration Area	Multi- Purpose	Library / Resource	Auditorium / Gym	Science Room	Home Economics	Industrial Arts		Commercial / Computer
12 TO 52 Students	0	9	0	1	*							*	260
	10	34	1	1	*	*						*	520
	35	60	2	1	*	*	*					*	805
	61	86	3	1	*	*	*					*	1060
	87	112	4	1	*	(d)	*	*				*	1545
	113	138	5	1	*		*	*				*	1740
	139	164	6	1	*	*	*	*				*	1915
	165	190	7	1	*	*	*	*				*	2235
	191	216	8	1	*	*	*	*				*	2340
	217	242	9	1	*	*	*	*				*	2470
	243	268	10	1	*	*	*	*				*	2565
	269	294	11	1	*	*	*	*				*	2710
295	320	12	1	*	*	*	*				*	2800	
53 TO 104 Students	191	216	8	2	*	*	*	*				*	2480
	217	242	9	2	*	*	*	*				*	2610
	243	268	10	2	*	*	*	*				*	2705
	269	294	11	2	*	*	*	*				*	2845
	295	320	12	2	*	*	*	*				*	2935

**SCHOOL SPACE ACCOMMODATION STANDARDS  
 ELEMENTARY SCHOOLS WITHOUT KINDERGARTEN  
 SCHOOL DIVISIONS: I AND II GRADES: GRADE ONE TO GRADE 6 (SEE SECTION 2.0)**

**Appendix A1  
 TABLE 1B  
 Revised July 6, 2000**

Elementary Enrolment		Classrooms (c)	Kindergartens	Special Purpose Areas (a)								Gross Floor Area Allowable (m <sup>2</sup> )
Min.	Max.			Administration Area	Multi-Purpose	Library / Resource	Auditorium / Gym	Science Room	Home Economics	Industrial Arts	Commercial / Computer	
0	9	0	0									-
10	34	1	0	*							*	215
35	60	2	0	*	*						*	475
61	86	3	0	*	*	*					*	855
87	112	4	0	*	(d)	*	*				*	1400
113	138	5	0	*		*	*				*	1500
139	164	6	0	*	*	*	*				*	1830
165	190	7	0	*	*	*	*				*	1875
191	216	8	0	*	*	*	*				*	2200
217	242	9	0	*	*	*	*				*	2330

**SCHOOL SPACE ACCOMMODATION STANDARDS**

**KINDERGARTEN SCHOOLS**

**SCHOOL DIVISIONS: I GRADES KINDERGARTEN 4 AND KINDERGARTEN 5**

**Appendix A1**

**TABLE 1C**

Revised July 6, 2000

Enrolment	No. of Kindergarten Rooms	Administration Area	Multi-Purpose Rooms	Staff Rooms	Education Storage	Computer Rooms	Gross Floor Area Allowable (m <sup>2</sup> )
20 - 52	1	*			*	*	255
53 - 104	2	*	*		*	*	555
105 - 156	3	*	*	*	*	*	770
157 - 208	4	*	*	*	*	*	1080
209 - 260	5	*	*	*	*	*	1335
261 - 312	6	*	*	*	*	*	1520

















## **RECOMMENDED NET SPACE TABLES**

(See last page for details on “Total Pupils Mean”.)

Department of Indian Affairs and Northern Development  
July 6, 2000

ELEMENTARY SCHOOLS WITH KINDERGARTEN

SCHOOL DIVISIONS: I AND II GRADES: KINDERGARTEN TO GRADE 6

Revised July 6, 2000

Kindergarten enrollment	Elementary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )														Total net area	Net/gross ratio	Total gross area	Total gross area rmd	Gross area per pupil	Total pupil (mean)
	Mn.	Max.		Class-rooms	Kinder-garten	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/sup-port*	Home economics room	Industrial arts room	Science room	Commerc./computer room	Admin. area	Staff room	Educational storage	Health room						
12 to 52 Students	0	9	(0 + 1K)	0.0	100.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.0	17.3	0.0	34.6	0.0	180.7	70.0%	258.1	260	16.3	16
	10	34	(1 + 1K)	69.1	100.8	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	362.0	70.0%	517.1	520	13.7	38
	35	60	(2 + 1K)	138.2	100.8	92.2	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	561.6	70.0%	802.3	805	12.7	64
	61	86	(3 + 1K)	207.4	100.8	161.3	80.6	0.0	0.0	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	740.2	70.0%	1057.4	1060	11.8	90
	87	112	(4 + 1K)	276.5	100.8	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	1080.0	70.0%	1542.9	1545	13.4	116
	113	138	(5 + 1K)	345.6	100.8	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1218.2	70.0%	1740.3	1740	12.3	142
	139	164	(6 + 1K)	414.7	100.8	92.2	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1379.5	72.0%	1916.0	1915	11.4	168
	165	190	(7 + 1K)	483.8	100.8	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	34.6	74.9	40.3	1610.0	72.0%	2236.1	2235	11.6	194
	191	216	(8 + 1K)	552.9	100.8	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	74.9	40.3	1684.8	72.0%	2340.0	2340	10.7	220
	217	242	(9 + 1K)	622.1	100.8	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	97.9	40.3	1777.0	72.0%	2468.1	2470	10.1	246
	243	268	(10 + 1K)	691.2	100.8	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	97.9	40.3	1846.1	72.0%	2564.0	2565	9.4	272
	269	294	(11 + 1K)	760.3	100.8	161.3	138.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	121.0	40.3	2030.4	75.0%	2707.2	2710	9.1	298
	295	320	(12 + 1K)	829.4	100.8	161.3	138.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	121.0	40.3	2099.5	75.0%	2799.3	2800	8.7	324
	53 to 104 Students	191	216	(8 + 2K)	552.9	201.6	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	74.9	40.3	1785.6	72.0%	2480.0	2480	10.1
217		242	(9 + 2K)	622.1	201.6	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	97.9	40.3	1877.8	72.0%	2608.1	2610	9.6	272
243		268	(10 + 2K)	691.2	201.6	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	97.9	40.3	1946.9	72.0%	2704.0	2705	9.1	298
269		294	(11 + 2K)	760.3	201.6	161.3	138.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	121.0	40.3	2131.2	75.0%	2841.6	2845	8.8	324
295		320	(12 + 2K)	829.4	201.6	161.3	138.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	121.0	40.3	2200.3	75.0%	2933.7	2935	8.4	350

\* Showers, washrooms, change rooms, office, equipment storage

**ELEMENTARY SCHOOLS WITHOUT KINDERGARTEN**

**Appendix A2  
TABLE 1B**

**SCHOOL DIVISIONS: I AND II GRADES: GRADE 1 TO GRADE 6**

Revised July 6, 2000

Elementary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )													Total net area	Net/gross ratio	Total gross area	Total gross area rded	Gross area per pupil	Total pupil (mean)
Mn.	Max.		Class-rooms	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/support*	Home economics room	Industrial arts room	Science room	Commerc./Computer room	Admin. area	Staff room	Educational storage	Health room						
0	9	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	34	1	69.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	17.3	0.0	34.6	0.0	148.2	70.0%	211.7	215	9.8	22
35	60	2	138.2	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	330.3	70.0%	471.9	475	10.0	48
61	86	3	207.4	161.3	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	599.1	70.0%	855.9	855	11.6	74
87	112	4	276.5	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	979.2	70.0%	1398.9	1400	14.1	100
113	138	5	345.6	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	1048.3	70.0%	1497.6	1500	12.0	126
139	164	6	414.7	92.2	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1278.7	70.0%	1826.7	1830	12.1	152
165	190	7	483.8	92.2	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1347.8	72.0%	1871.9	1875	10.6	178
191	216	8	552.9	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	74.9	40.3	1584.0	72.0%	2200.0	2200	10.8	204
217	242	9	622.1	92.2	115.2	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	97.9	40.3	1676.2	72.0%	2328.1	2330	10.2	230

\* Showers, washrooms, change rooms, office, equipment storage

**KINDERGARTEN SCHOOLS**

**Appendix A2  
TABLE 1C**

**SCHOOL DIVISION: I GRADES: KINDERGARTEN 4 AND KINDERGARTEN 5**

Revised July 6, 2000

Kindergarten enrolment		No. of kindergarten rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )													Total net area	Net/gross ratio	Total gross area	Total gross area rned	Gross area per pupil	Total pupil (mean)
Mn.	Max.		Kindergarten rooms	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/support*	Home economics room	Industrial arts room	Science room	Commerc./Computer room	Admin. area	Staff room	Educational storage	Health room						
12	52	1	100.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	17.3	0.0	34.6	0.0	177.7	70.0%	253.9	255	15.9	16
53	104	2	201.6	92.0	0.0	0.0	0.0	0.0	0.0	0.0	41.6	17.3	0.0	34.6	0.0	387.1	70.0%	553.0	555	13.9	40
105	156	3	302.4	92.0	0.0	0.0	0.0	0.0	0.0	0.0	62.4	17.3	28.8	34.6	0.0	537.5	70.0%	767.9	770	11.7	66
157	208	4	403.2	161.3	0.0	0.0	0.0	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	754.6	70.0%	1078.0	1080	11.7	92
209	260	5	504.0	240.0	0.0	0.0	0.0	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	934.1	70.0%	1334.4	1335	11.3	118
261	312	6	604.8	240.0	0.0	0.0	0.0	0.0	0.0	0.0	109.4	17.3	34.6	57.6	0.0	1063.7	70.0%	1519.6	1520	10.6	144

\* Showers, washrooms, change rooms, office, equipment storage

ELEMENTARY / JUNIOR SECONDARY SCHOOLS WITH KINDERGARTEN

SCHOOL DIVISIONS: I TO III GRADES: KINDERGARTEN TO GRADE 9

Revised July 6, 2000

Kindergarten enrolment	Elementary and secondary enrolment		No. of classrooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )														Total net area	Net/gross ratio	Total gross area	Total gross area rounded	Gross area per pupil	Total pupil (mean)
	Mn.	Max.		Class-rooms	Kinder-garten	Multi-purpose	Library/resource centre	Gym/audit-orium	Gym/sup-port*	Home econo-mics room	Indus-trial arts room	Science room	Com-merc./Com-puter room	Admin. area	Staff room	Educa-tional storage	Health room						
12 to 52 Students	10	34	(1 + 1K)	69.1	100.8	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	362.0	70.0%	517.1	520	13.7	38
	35	60	(2 + 1K)	138.2	100.8	92.2	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	561.6	70.0%	802.3	805	12.7	64
	61	86	(3 + 1K)	207.4	100.8	161.3	80.6	0.0	0.0	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	740.2	70.0%	1057.4	1060	11.8	90
	87	112	(4 + 1K)	276.5	100.8	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	1080.0	70.0%	1542.9	1545	13.4	116
	113	138	(5 + 1K)	345.6	100.8	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1218.2	70.0%	1740.3	1740	12.3	142
	139	164	(6 + 1K)	414.7	100.8	92.2	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1379.5	72.0%	1916.0	1915	11.4	168
	165	190	(7 + 1K)	483.8	100.8	92.2	121.0	380.2	115.2	0.0	0.0	0.0	149.8	23.0	34.6	74.9	40.3	1615.8	72.0%	2244.2	2245	11.6	194
	191	216	(8 + 1K)	552.9	100.8	92.2	121.0	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	74.9	40.3	1690.6	72.0%	2348.1	2350	10.7	220
	217	242	(9 + 1K)	622.1	100.8	92.2	121.0	380.2	115.2	0.0	0.0	103.7	149.8	23.0	40.3	97.9	40.3	1886.5	72.0%	2620.1	2620	10.7	246
	243	268	(10 + 1K)	691.2	100.8	92.2	121.0	380.2	115.2	0.0	0.0	103.7	149.8	23.0	40.3	97.9	40.3	1955.6	72.0%	2716.1	2715	10.0	272
	269	294	(11 + 1K)	760.3	100.8	92.2	149.8	443.5	115.2	100.8	121.0	103.7	149.8	23.0	63.4	121.0	40.3	2384.8	75.0%	3179.7	3180	10.7	298
	295	320	(12 + 1K)	829.4	100.8	92.2	149.8	443.5	115.2	100.8	121.0	103.7	149.8	23.0	63.4	121.0	40.3	2453.9	75.0%	3271.9	3275	10.1	324
	321	346	(13 + 1K)	898.5	100.8	92.2	149.8	443.5	115.2	100.8	121.0	103.7	149.8	28.8	63.4	138.2	40.3	2546.0	75.0%	3394.7	3395	9.7	350
	347	372	(14 + 1K)	967.7	100.8	92.2	149.8	443.5	115.2	149.8	121.0	103.7	149.8	28.8	63.4	138.2	40.3	2664.2	75.0%	3552.3	3555	9.5	376
	373	398	(15 + 1K)	1036.8	100.8	92.2	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	149.8	40.3	2796.7	75.0%	3728.9	3730	9.3	402
	399	424	(16 + 1K)	1105.9	100.8	92.2	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	161.3	40.3	2877.3	75.0%	3836.4	3835	9.0	428
425	450	(17 + 1K)	1175.0	100.8	161.3	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	161.3	40.3	3015.5	75.0%	4020.7	4020	8.9	454	
451	476	(18 + 1K)	1244.2	100.8	161.3	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	172.8	40.3	3096.2	75.0%	4128.3	4130	8.6	480	
53 to 104 Students	295	320	(12 + 2K)	829.4	201.6	92.2	149.8	443.5	115.2	100.8	121.0	103.7	149.8	23.0	63.4	121.0	40.3	2554.7	75.0%	3406.3	3405	9.7	350
	321	346	(13 + 2K)	898.5	201.6	92.2	149.8	443.5	115.2	100.8	121.0	103.7	149.8	28.8	63.4	138.2	40.3	2646.8	75.0%	3529.1	3530	9.4	376
	347	372	(14 + 2K)	967.7	201.6	92.2	149.8	443.5	115.2	149.8	121.0	103.7	149.8	28.8	63.4	149.8	40.3	2776.6	75.0%	3702.1	3705	9.2	402
	373	398	(15 + 2K)	1036.8	201.6	92.2	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	149.8	40.3	2897.5	75.0%	3863.3	3865	9.0	428
	399	424	(16 + 2K)	1105.9	201.6	92.2	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	161.3	40.3	2978.1	75.0%	3970.8	3970	8.8	454
	425	450	(17 + 2K)	1175.0	201.6	161.3	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	161.3	40.3	3116.3	75.0%	4155.1	4155	8.7	480
	451	476	(18 + 2K)	1244.2	201.6	161.3	149.8	443.5	115.2	149.8	172.8	103.7	149.8	28.8	63.4	172.8	40.3	3197.0	75.0%	4262.7	4265	8.4	506

\* Showers, washrooms, change rooms, office, equipment storage

ELEMENTARY / JUNIOR SECONDARY SCHOOLS WITHOUT KINDERGARTEN

SCHOOL DIVISIONS: I TO III GRADES: GRADE 1 TO GRADE 9

Revised July 6, 2000

Elementary and secondary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )													Total net area	Net/gross ratio	Total gross area	Total gross area rounded	Gross area per pupil	Total pupil (mean)
Mn.	Max.		Class-rooms	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/sup-port*	Home economics room	Industrial arts room	Science room	Commerc./Computer room	Admin. area	Staff room	Educational storage	Health room						
0	9	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	34	1	69.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	17.3	0.0	34.6	0.0	148.2	70.0%	211.7	215	9.8	22
35	60	2	138.2	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	330.3	70.0%	471.9	475	10.0	48
61	86	3	207.4	161.3	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	599.1	70.0%	855.9	855	11.6	74
87	112	4	276.5	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	979.2	70.0%	1398.9	1400	14.1	100
113	138	5	345.6	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	1048.3	70.0%	1497.6	1500	12.0	126
139	164	6	414.7	92.2	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1278.7	70.0%	1826.7	1830	12.1	152
165	190	7	483.8	92.2	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1347.8	72.0%	1871.9	1875	10.6	178
191	216	8	552.9	92.2	121.0	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	74.9	40.3	1589.8	72.0%	2208.1	2210	10.9	204
217	242	9	622.1	92.2	121.0	380.2	115.2	0.0	0.0	103.7	149.8	23.0	40.3	97.9	40.3	1785.7	72.0%	2480.1	2480	10.8	230
243	268	10	691.2	92.2	121.0	380.2	115.2	0.0	0.0	103.7	149.8	23.0	40.3	97.9	40.3	1854.8	72.0%	2576.1	2575	10.1	256
269	294	11	760.3	92.2	149.8	443.5	115.2	100.8	121.0	103.7	149.8	23.0	63.4	121.0	40.3	2284.0	75.0%	3045.3	3045	10.8	282
295	320	12	829.4	92.2	149.8	443.5	115.2	100.8	121.0	103.7	149.8	23.0	63.4	121.0	40.3	2353.1	75.0%	3137.5	3140	10.2	308

\* Showers, washrooms, change rooms, office, equipment storage



COMPREHENSIVE SCHOOLS WITH KINDERGARTEN

SCHOOL DIVISIONS: I TO IV GRADES: KINDERGARTEN TO GRADE 12

Revised July 6, 2000

Kindergarten enrolment	Elementary and secondary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )														Total net area	Net/gross ratio	Total gross area	Total gross area rded	Gross area per pupil	Total pupil (mean)
	Mn.	Max.		Class-rooms	Kinder-garten	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/sup-port*	Home economics room	Industrial arts room	Science room	Com-merc./Com-puter room	Admin. area	Staff room	Educa-tional storage	Health room						
12 to 52 Students	10	34	(1 + 1K)	69.1	100.8	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	362.0	70.0%	517.1	520	13.7	38
	35	60	(2 + 1K)	138.2	100.8	92.2	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	561.6	70.0%	802.3	805	12.7	64
	61	86	(3 + 1K)	207.4	100.8	161.3	80.6	0.0	0.0	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	740.2	70.0%	1057.4	1060	11.8	90
	87	112	(4 + 1K)	276.5	100.8	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	1080.0	70.0%	1542.9	1545	13.4	116
	113	138	(5 + 1K)	345.6	100.8	0.0	98.1	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1235.7	70.0%	1765.3	1765	12.5	142
	139	164	(6 + 1K)	414.7	100.8	92.2	98.1	322.6	109.4	0.0	0.0	121.0	109.4	17.3	34.6	57.6	40.3	1518.0	72.0%	2108.3	2110	12.6	168
	165	190	(7 + 1K)	483.8	100.8	92.2	98.1	380.2	115.2	0.0	0.0	121.0	149.8	34.6	34.6	74.9	40.3	1725.5	72.0%	2396.5	2400	12.4	194
	191	216	(8 + 1K)	552.9	100.8	92.2	149.8	380.2	115.2	0.0	0.0	121.0	149.8	34.6	40.3	74.9	40.3	1852.0	72.0%	2572.2	2575	11.7	220
	217	242	(9 + 1K)	622.1	100.8	92.2	149.8	380.2	115.2	0.0	0.0	149.8	149.8	40.3	40.3	97.9	40.3	1978.7	72.0%	2748.2	2750	11.2	246
	243	268	(10 + 1K)	691.2	100.8	92.2	149.8	380.2	115.2	0.0	0.0	149.8	149.8	40.3	40.3	97.9	40.3	2047.8	72.0%	2844.2	2845	10.5	272
	269	294	(11 + 1K)	760.3	100.8	92.2	181.4	443.5	115.2	172.8	207.4	149.8	149.8	40.3	63.4	121.0	40.3	2638.2	75.0%	3517.6	3520	11.8	298
	295	320	(12 + 1K)	829.4	100.8	92.2	181.4	443.5	115.2	172.8	207.4	149.8	149.8	40.3	63.4	121.0	40.3	2707.3	75.0%	3609.7	3610	11.2	324
	321	346	(13 + 1K)	898.5	100.8	161.3	181.4	443.5	115.2	172.8	207.4	149.8	149.8	40.3	63.4	138.2	40.3	2862.7	75.0%	3816.9	3820	10.9	350
	347	372	(14 + 1K)	967.7	100.8	161.3	181.4	443.5	115.2	259.2	207.4	149.8	149.8	40.3	63.4	138.2	40.3	3018.3	75.0%	4024.4	4025	10.7	376
	373	398	(15 + 1K)	1036.8	100.8	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	149.8	40.3	3202.6	75.0%	4270.1	4270	10.6	402
	399	424	(16 + 1K)	1105.9	100.8	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	161.3	40.3	3283.2	75.0%	4377.6	4380	10.2	428
53 to 104 Students	295	320	(12 + 2K)	829.4	201.6	92.2	181.4	443.5	115.2	172.8	207.4	149.8	149.8	40.3	63.4	121.0	40.3	2808.1	75.0%	3744.1	3745	10.7	350
	321	346	(13 + 2K)	898.5	201.6	161.3	181.4	443.5	115.2	172.8	207.4	149.8	149.8	40.3	63.4	138.2	40.3	2963.5	75.0%	3951.3	3950	10.5	376
	347	372	(14 + 2K)	967.7	201.6	161.3	181.4	443.5	115.2	259.2	207.4	149.8	149.8	40.3	63.4	149.8	40.3	3130.7	75.0%	4174.3	4175	10.4	402
	373	398	(15 + 2K)	1036.8	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	149.8	40.3	3303.4	75.0%	4404.5	4405	10.3	428
	399	424	(16 + 2K)	1105.9	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	161.3	40.3	3384.0	75.0%	4512.0	4515	10.0	454
	425	450	(17 + 2K)	1175.0	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	161.3	40.3	3453.1	75.0%	4604.1	4605	9.6	480
	451	476	(18 + 2K)	1244.2	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	172.8	40.3	3533.8	75.0%	4711.7	4715	9.3	506
	477	502	(19 + 2K)	1313.3	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	172.8	40.3	3602.9	75.0%	4803.9	4805	9.0	532
	503	528	(20 + 2K)	1382.4	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	187.6	40.3	3686.8	75.0%	4915.7	4915	8.8	558
	529	554	(21 + 2K)	1451.5	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	187.6	40.3	3755.9	75.0%	5007.9	5010	8.6	584
	555	580	(22 + 2K)	1520.6	201.6	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	195.8	40.3	3833.2	75.0%	5110.9	5110	8.4	610

\* Showers, washrooms, change rooms, office, equipment storage

COMPREHENSIVE SCHOOLS WITHOUT KINDERGARTEN

SCHOOL DIVISIONS: I TO IV GRADES: GRADE 1 TO GRADE 12

Revised July 6, 2000

Elementary and secondary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )													Total net area	Net/gross ratio	Total gross area	Total gross area rounded	Gross area per pupil	Total pupil (mean)	
Mn.	Max.		Class-rooms	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/sup-port*	Home economics room	Industrial arts room	Science room	Com-merc./Computer room	Admin. area	Staff room	Educa-tional storage	Health room							
0	9	0	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	34	1	69.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	17.3	0.0	34.6	0.0	148.2	70.0%	211.7	215	9.8	22	
35	60	2	138.2	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	330.3	70.0%	471.9	475	10.0	48	
61	86	3	207.4	161.3	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	599.1	70.0%	855.9	855	11.6	74	
87	112	4	276.5	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	979.2	70.0%	1398.9	1400	14.1	100	
113	138	5	345.6	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	1048.3	70.0%	1497.6	1500	12.0	126	
139	164	6	414.7	92.2	98.1	322.6	109.4	0.0	0.0	121.0	109.4	17.3	34.6	57.6	40.3	1417.2	70.0%	2024.6	2025	13.4	152	
165	190	7	483.8	92.2	98.1	322.6	109.4	0.0	0.0	121.0	109.4	17.3	34.6	57.6	40.3	1486.3	72.0%	2064.3	2065	11.6	178	
191	216	8	552.9	92.2	149.8	380.2	115.2	0.0	0.0	121.0	149.8	34.6	40.3	74.9	40.3	1751.2	72.0%	2432.2	2435	12.0	204	
217	242	9	622.1	92.2	149.8	380.2	115.2	0.0	0.0	149.8	149.8	40.3	40.3	97.9	40.3	1877.9	72.0%	2608.2	2610	11.4	230	
243	268	10	691.2	92.2	149.8	380.2	115.2	0.0	0.0	149.8	149.8	40.3	40.3	97.9	40.3	1947.0	72.0%	2704.2	2705	10.6	256	
269	294	11	760.3	92.2	181.4	443.5	115.2	172.8	207.4	149.8	149.8	40.3	63.4	121.0	40.3	2537.4	75.0%	3383.2	3385	12.0	282	
295	320	12	829.4	92.2	181.4	443.5	115.2	172.8	207.4	149.8	149.8	40.3	63.4	121.0	40.3	2606.5	75.0%	3475.3	3475	11.3	308	

\* Showers, washrooms, change rooms, office, equipment storage

INTERMEDIATE ELEMENTARY / JUNIOR SECONDARY SCHOOLS

SCHOOL DIVISIONS: II AND III GRADES: GRADE 4 TO GRADE 9

Revised July 6, 2000

Elementary and secondary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )													Total net area	Net/gross ratio	Total gross area	Total gross area rounded	Gross area per pupil	Total pupil (mean)
Mn.	Max.		Class-rooms	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/sup-port*	Home economics room	Industrial arts room	Science room	Commerc./Computer room	Admin. area	Staff room	Educational storage	Health room						
10	34	1	69.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	17.3	0.0	34.6	0.0	148.2	70.0%	211.7	215	9.8	22
35	60	2	138.2	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	330.3	70.0%	471.9	475	10.0	48
61	86	3	207.4	161.3	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	599.1	70.0%	855.9	855	11.6	74
87	112	4	276.5	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	979.2	70.0%	1398.9	1400	14.1	100
113	138	5	345.6	0.0	80.6	322.6	109.4	0.0	0.0	0.0	109.4	17.3	28.8	34.6	0.0	1048.3	70.0%	1497.6	1500	12.0	126
139	164	6	414.7	92.2	98.1	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1296.2	72.0%	1800.3	1800	11.9	152
165	190	7	483.8	92.2	98.1	322.6	109.4	0.0	0.0	0.0	109.4	17.3	34.6	57.6	40.3	1365.3	72.0%	1896.2	1895	10.7	178
191	216	8	552.9	92.2	121.0	380.2	115.2	0.0	0.0	0.0	149.8	23.0	34.6	74.9	40.3	1584.1	72.0%	2200.1	2200	10.8	204
217	242	9	622.1	92.2	121.0	380.2	115.2	0.0	0.0	0.0	149.8	23.0	40.3	74.9	40.3	1659.0	72.0%	2304.2	2305	10.0	230
243	268	10	691.2	92.2	121.0	380.2	115.2	0.0	0.0	121.0	149.8	23.0	40.3	97.9	40.3	1872.1	72.0%	2600.1	2600	10.2	256
269	294	11	760.3	92.2	121.0	380.2	115.2	0.0	0.0	121.0	149.8	23.0	40.3	97.9	40.3	1941.2	72.0%	2696.1	2695	9.6	282
295	320	12	829.4	92.2	149.8	380.2	115.2	100.8	121.0	121.0	149.8	23.0	63.4	121.0	40.3	2307.1	75.0%	3076.1	3075	10.0	308
321	346	13	898.5	92.2	149.8	380.2	115.2	100.8	121.0	121.0	149.8	23.0	63.4	121.0	40.3	2376.2	75.0%	3168.3	3170	9.5	334
347	372	14	967.7	161.3	149.8	380.2	115.2	100.8	121.0	121.0	149.8	28.8	63.4	138.2	40.3	2537.5	75.0%	3383.3	3385	9.4	360
373	398	15	1036.8	161.3	149.8	380.2	115.2	100.8	121.0	149.8	149.8	28.8	63.4	138.2	40.3	2635.4	75.0%	3513.9	3515	9.1	386
399	424	16	1105.9	161.3	149.8	380.2	115.2	149.8	172.8	149.8	149.8	28.8	63.4	149.8	40.3	2816.9	75.0%	3755.9	3755	9.1	412
425	450	17	1175.0	161.3	149.8	443.5	115.2	149.8	172.8	149.8	149.8	28.8	63.4	149.8	40.3	2949.3	75.0%	3932.4	3935	9.0	438
451	476	18	1244.2	161.3	149.8	443.5	115.2	149.8	172.8	149.8	149.8	28.8	63.4	161.3	40.3	3030.0	75.0%	4040.0	4040	8.7	464
477	502	19	1313.3	161.3	190.1	443.5	115.2	149.8	172.8	149.8	149.8	28.8	63.4	161.3	40.3	3139.4	75.0%	4185.9	4185	8.5	490
503	528	20	1382.4	161.3	190.1	443.5	115.2	149.8	172.8	149.8	149.8	28.8	63.4	172.8	40.3	3220.0	75.0%	4293.3	4295	8.3	516

\* Showers, washrooms, change rooms, office, equipment storage

INTERMEDIATE ELEMENTARY / SECONDARY SCHOOLS

SCHOOL DIVISIONS: II TO IV GRADES: GRADE 4 TO GRADE 12

Revised July 6, 2000

Elementary and secondary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )													Total net area	Net/gross ratio	Total gross area	Total gross area rded	Gross area per pupil	Total pupil (mean)
Mn.	Max.		Class-rooms	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/sup-port*	Home economics room	Industrial arts room	Science room	Commerc./Computer room	Admin. area	Staff room	Educational storage	Health room						
10	34	1	69.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	17.3	0.0	34.6	0.0	148.2	70.0%	211.7	215	9.8	22
35	60	2	138.2	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	330.3	70.0%	471.9	475	10.0	48
61	86	3	207.4	161.3	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	599.1	70.0%	855.9	855	11.6	74
87	112	4	276.5	0.0	80.6	322.6	109.4	0.0	0.0	121.0	109.4	17.3	28.8	34.6	0.0	1100.2	70.0%	1571.7	1575	15.8	100
113	138	5	345.6	0.0	80.6	322.6	109.4	0.0	0.0	121.0	109.4	17.3	28.8	34.6	0.0	1169.3	70.0%	1670.4	1670	13.3	126
139	164	6	414.7	92.2	98.1	322.6	109.4	0.0	0.0	121.0	109.4	17.3	34.6	57.6	40.3	1417.2	72.0%	1968.3	1970	13.0	152
165	190	7	483.8	92.2	98.1	322.6	109.4	0.0	0.0	121.0	109.4	17.3	34.6	57.6	40.3	1486.3	72.0%	2064.3	2065	11.6	178
191	216	8	552.9	92.2	121.0	380.2	115.2	149.8	172.8	121.0	149.8	34.6	34.6	74.9	40.3	2039.3	72.0%	2832.4	2835	13.9	204
217	242	9	622.1	92.2	121.0	380.2	115.2	149.8	172.8	121.0	149.8	34.6	40.3	74.9	40.3	2114.2	72.0%	2936.4	2935	12.8	230
243	268	10	691.2	92.2	149.8	380.2	115.2	172.8	207.4	149.8	149.8	40.3	40.3	97.9	40.3	2327.2	72.0%	3232.2	3235	12.7	256
269	294	11	760.3	92.2	149.8	380.2	115.2	172.8	207.4	149.8	149.8	40.3	40.3	97.9	40.3	2396.3	72.0%	3328.2	3330	11.8	282
295	320	12	829.4	92.2	181.4	443.5	115.2	230.4	276.5	149.8	149.8	40.3	63.4	121.0	40.3	2733.2	75.0%	3644.3	3645	11.9	308
321	346	13	898.5	92.2	181.4	443.5	115.2	230.4	276.5	149.8	149.8	40.3	63.4	121.0	40.3	2802.3	75.0%	3736.4	3735	11.2	334
347	372	14	967.7	161.3	181.4	443.5	115.2	230.4	276.5	149.8	149.8	40.3	63.4	138.2	40.3	2957.8	75.0%	3943.7	3945	11.0	360
373	398	15	1036.8	161.3	181.4	443.5	115.2	230.4	276.5	149.8	149.8	40.3	63.4	138.2	40.3	3026.9	75.0%	4035.9	4035	10.5	386
399	424	16	1105.9	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	149.8	40.3	3170.9	75.0%	4227.9	4230	10.3	412
425	450	17	1175.0	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	149.8	40.3	3240.0	75.0%	4320.0	4320	9.9	438
451	476	18	1244.2	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	161.3	40.3	3320.7	75.0%	4427.6	4430	9.6	464
477	502	19	1313.3	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	161.3	40.3	3389.8	75.0%	4519.7	4520	9.2	490
503	528	20	1382.4	161.3	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	172.8	40.3	3470.4	75.0%	4627.2	4630	9.0	516
529	554	21	1451.5	230.4	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	172.8	40.3	3608.6	75.0%	4811.5	4810	8.9	542
555	580	22	1520.6	230.4	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	184.3	40.3	3689.2	75.0%	4918.9	4920	8.7	568
581	606	23	1589.7	259.2	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	184.3	40.3	3787.1	75.0%	5049.5	5050	8.5	594
607	632	24	1658.9	259.2	181.4	443.5	115.2	259.2	311.0	149.8	149.8	40.3	63.4	195.8	40.3	3867.8	75.0%	5157.1	5160	8.3	620

\* Showers, washrooms, change rooms, office, equipment storage

SECONDARY SCHOOLS

SCHOOL DIVISIONS: III TO IV GRADES: GRADE 7 TO GRADE 12

Revised July 6, 2000

Secondary enrolment		No. of class-rooms	RECOMMENDED NET FLOOR AREAS (m <sup>2</sup> )														Total net area	Net/gross ratio	Total gross area	Total gross area rmded	Gross area per pupil	Total pupil (mean)
Mn.	Max.		Class-rooms	Multi-purpose	Library/resource centre	Gym/auditorium	Gym/sup-port*	Home economics room	Industrial arts room	Science room	Com-merc./Com-puter room	Admin. area	Staff room	Educa-tional storage	Health room							
10	34	1	69.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	17.3	0.0	34.6	0.0	148.2	70.0%	211.7	215	9.8	22	
35	60	2	138.2	92.2	0.0	0.0	0.0	0.0	0.0	0.0	48.0	17.3	0.0	34.6	0.0	330.3	70.0%	471.9	475	10.0	48	
61	86	3	207.4	161.3	80.6	0.0	0.0	0.0	0.0	0.0	69.1	17.3	28.8	34.6	0.0	599.1	70.0%	855.9	855	11.6	74	
87	112	4	276.5	0.0	80.6	322.6	109.4	0.0	0.0	121.0	109.4	17.3	28.8	34.6	0.0	1100.2	70.0%	1571.7	1575	15.8	100	
113	138	5	345.6	0.0	98.1	322.6	109.4	0.0	0.0	121.0	109.4	17.3	28.8	34.6	0.0	1186.8	70.0%	1695.4	1695	13.5	126	
139	164	6	414.7	92.2	98.1	322.6	109.4	149.8	172.8	121.0	109.4	17.3	34.6	57.6	40.3	1739.8	72.0%	2416.4	2415	15.9	152	
165	190	7	483.8	92.2	121.0	322.6	109.4	149.8	172.8	149.8	109.4	17.3	34.6	57.6	40.3	1860.6	72.0%	2584.2	2585	14.6	178	
191	216	8	552.9	92.2	121.0	380.2	115.2	172.8	207.4	149.8	149.8	34.6	34.6	74.9	40.3	2125.7	72.0%	2952.4	2955	14.5	204	
217	242	9	622.1	92.2	121.0	380.2	115.2	172.8	207.4	149.8	149.8	34.6	40.3	74.9	40.3	2200.6	72.0%	3056.4	3055	13.3	230	
243	268	10	691.2	92.2	149.8	380.2	115.2	172.8	207.4	178.6	149.8	40.3	40.3	97.9	40.3	2356.0	75.0%	3141.3	3140	12.3	256	
269	294	11	760.3	92.2	149.8	380.2	115.2	172.8	207.4	178.6	149.8	40.3	40.3	97.9	40.3	2425.1	75.0%	3233.5	3235	11.5	282	
295	320	12	829.4	92.2	190.1	443.5	115.2	230.4	276.5	178.6	149.8	40.3	63.4	121.0	40.3	2770.7	75.0%	3694.3	3695	12.0	308	
321	346	13	898.5	92.2	190.1	443.5	115.2	230.4	276.5	178.6	149.8	40.3	63.4	121.0	40.3	2839.8	75.0%	3786.4	3785	11.3	334	
347	372	14	967.7	123.8	190.1	443.5	115.2	230.4	276.5	178.6	149.8	40.3	63.4	138.2	40.3	2957.8	75.0%	3943.7	3945	11.0	360	
373	398	15	1036.8	123.8	190.1	443.5	115.2	230.4	276.5	178.6	149.8	40.3	63.4	138.2	40.3	3026.9	75.0%	4035.9	4035	10.5	386	
399	424	16	1105.9	123.8	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	149.8	40.3	3170.9	75.0%	4227.9	4230	10.3	412	
425	450	17	1175.0	123.8	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	149.8	40.3	3240.0	75.0%	4320.0	4320	9.9	438	
451	476	18	1244.2	123.8	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	161.3	40.3	3320.7	75.0%	4427.6	4430	9.6	464	
477	502	19	1313.3	123.8	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	161.3	40.3	3389.8	75.0%	4519.7	4520	9.2	490	
503	528	20	1382.4	123.8	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	172.8	40.3	3470.4	75.0%	4627.2	4630	9.0	516	
529	554	21	1451.5	193.0	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	172.8	40.3	3608.7	75.0%	4811.6	4810	8.9	542	
555	580	22	1520.6	193.0	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	184.3	40.3	3689.3	75.0%	4919.1	4920	8.7	568	
581	606	23	1589.7	221.7	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	184.3	40.3	3787.1	75.0%	5049.5	5050	8.5	594	
607	632	24	1658.9	221.7	190.1	443.5	115.2	259.2	311.0	178.6	149.8	40.3	63.4	195.8	40.3	3867.8	75.0%	5157.1	5160	8.3	620	

\* Showers, washrooms, change rooms, office, equipment storage

## TOTAL PUPILS MEAN

The “total pupils mean” is the midway point between the lowest and highest enrolment within each range (each range having a count of 25 students in the elementary/secondary enrolment). Following are calculation samples of how the “total pupils mean” is derived.

### Sample 1

Table 1A, Range 191-216 with 1 kindergarten

(Elementary enrolment)

$$216 - 191 = 25.0$$

$$25 \div 2 = 12.5$$

$$191 + 12.5 = 203.5$$

(Kindergarten enrolment)

$$(52 \div 2) - (12 \div 2) = 20 \quad (\text{same as } 26 - 6 \text{ for full-time equivalency})$$

$$20 \div 2 = 10$$

$$6 + 10 = 16$$

“Total pupils mean” for elementary and kindergarten enrolment

$$203.5 + 16 = 219.5$$

220 (Rounded)

### Sample 2

Table 1A, Range 191-216 with 2 kindergartens

(Elementary enrolment)

203.5 (see Sample 1)

(Kindergarten enrolment)

1 kindergarten has full enrolment, i.e., 26 ( $52 \div 2$ )

The other kindergarten midway point (16) is calculated the same way as in Sample 1.

Total kindergarten enrolment:  $26 + 16 = 42$

“Total pupils mean” for elementary and kindergarten enrolment

$$203.5 + 42 = 245.5$$

246 (Rounded)