# THE KEY FIGURES OF THE NATIONAL EDUCATION 

 STATISTICS AND INDICATORS 2015/2016
## 11052

TEACHERS

## 100527

## PUPILS

# 5237 <br> DIPLOMAS AND <br> CERTIFICATES 



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de l'Éducation nationale,
de l'Enfance et de la Jeunesse

## THE KEY FIGURES OF THE NATIONAL EDUCATION STATISTICS AND INDICATORS 2015/2016

## Ministry of National Education, Children and Youth

Department of statistics and analysis
Grand Duchy of Luxembourg


Claude Meisch

Minister of National Education, Children and Youth

For the 15th consecutive year, the „Key Figures of National Education" provides essential statistical indicators used as a basis for education policy-making, planning and follow-up of of relevant national initiatives.

Structured in eight chapters and annexes, the 2017 edition offers an overview of the education system in Luxembourg. As in the previous editions, the educational system in general is described at the beginning. This is then followed by the data for the school year 2015-2016, related to themes within the public schools and those private schools using the official national curriculum. The figures, texts, tables or charts provide trend data related to student enrollment by nationality and language spoken as well as the number of teachers. Other information include student attainment rates, number of schools and the costs and funding of the school system. A chapter provides an overview of the total pupils enrolled in Luxembourg, including those who attend a private or international school, whether or not teaching in those schools is based on the official national curriculum.

Once again, this edition provides data to monitor the efforts to implement the national education priorities and to support decision-making. I hope that this publication remains a reference for statistics on education and as an objective basis underpinning debates on Luxembourg's system of education.

| 1 | GENERAL INFORMATION | 7 |
| :---: | :---: | :---: |
|  | Education system | 8 |
| 2 | STUDENIS | 13 |
|  | General statistics | 14 |
|  | Cycle 1 of elementary education | 20 |
|  | Cycles 2-4 of elementary education | 22 |
|  | Secondary education | 26 |
|  | General secondary education | 27 |
|  | Technical secondary education | 32 |
|  | Special needs education | 38 |
|  | Transition from elementary to secondary education | 42 |
| 3 | DIPLOMAS AND CERTIFICATES | 45 |
|  | Secondary education | 47 |
|  | General secondary education | 48 |
|  | Technical secondary education | 50 |
|  | Certification rates | 56 |
| 4 | TEACHERS | 57 |
|  | Elementary education | 58 |
|  | Cycle 1 of elementary education | 60 |
|  | Cycles 2-4 of elementary education | 62 |
|  | Secondary education | 64 |
|  | Special needs education | 66 |

5 SCHOOLS ..... 67
Elementary education ..... 68
Secondary education ..... 72
Ecoles internationales ..... 74
6 BUDGET OF THE NATIONAL EDUCATION ..... 75
General presentation of the budget ..... 76
Evolution ..... 78
Financial indicators of education ..... 80
7 NATIONALTTY AND LANGUAGE SPOKEN 83
Demographic context ..... 84
Elementary education ..... 85
Secondary education ..... 87
Nationalities and distribution in the different educational levels ..... 89
8 ENROLLED STUDENTS - GLOBAL VIEW ..... 91
Nationality and level of education ..... 92
Diplomas and certificates ..... 94
9 ANNEXES ..... 95
Bibliographical reference ..... 96
Glossary ..... 97

## GENERAL INFORMATION

## SCHOOLING OPTIONS FOR RESIDENTS

The Luxembourgish constitution assigns to the state, the role of organising and regulating the educational system.

Article 107 states that the commune (or district authority) takes part in the implementation of education.

The diagram below briefly describes the different possibilities offered to the Luxembourgish residents to complete their studies.

Public education in Luxembourg is free of charge. The relevant costs for elementary education are covered by both the state budget and the communes whereas the state budget alone funds all secondary education. Pupils do not contribute to the expenses of the school they attend.

The private or international schools offer the majority of the types of schools.
Moreover, pupils living in Luxembourg also have the possibility to attend schools abroad.
The following chapters will include mainly data related to the public and private education institutions that follow the official national curriculum.

The statistical analysis is mainly based on datasets included in the national source databases related to "Pupils", "Baccalaureate" and "Scolaria" of the MENJE. These centralised systems cover every pupil attending a public or private establishment that follows the official national curriculum. The data of other private or international schools come directly from the schools themselves.

## SCHOOLING OPTIONS FOR RESIDENTS

## PUBLIC SCHOOLS IN LUXEMBOURG

Elementary education cycle 1 - Early education
Elementary education cycle 1 - Pre-school


Elementary education cycle 2-4
Special needs education
General secondary school and technical secondary school

## PRIVATE SCHOOLS FOLLOWING THE OFFCIAL NATIONAL CURRICULUM

Elementary education cycle 2-4
General secondary education and technical secondary education
PRIVATE SCHOOLS AND INTERNATIONAL SCHOOLS NOT FOLLOWING THE OFFCIAL NATIONAL CURRICULUM
Pre-school education
Elementary education
General secondary education and technical secondary education
SCHOOLS ABROAD
Pre-school education
Elementary education
Special education
Special needs education
General secondary education and technical secondary education

## STRUCTURE OF THE LUXEMBOURGISH EDUCATION SYSTEM

Following the law of the $6^{\text {th }}$ February 2009 regarding compulsory education, "every child living in Luxembourg who is four years old before $1^{\text {st }}$ September, has to attend school. This obligation is valid for the twelve consecutive years from the $1^{\text {st }}$ September of the year in question."

Elementary education is governed by the law of 6th February 2009 which relates to the organisation of the elementary schools.

Cycle 1 of the elementary education includes the groups of early childhood education and of pre-school education.

- Early childhood education has progressively been introduced since 1998 and is offered by every commune since 2009. While being optional for children, it is intended for 3 year-olds and aims to increase socialisation of children and initiating immigrant children to the national cultural context.
- The attendance of preschool education is compulsory for all children who are 4 years old before the $7^{\text {st }}$ September, according to the Grand-Ducal Regulation of $2^{\text {nd }}$ September 1992.

Cycles 2 to 4 of elementary education correspond to the former primary school. Each cycle lasts for two years.

Secondary education and technical secondary education is divided into two types:

- General secondary education, governed by the organic law of $10^{\text {th }}$ May 1968 modified by the law of $22^{\text {nd }}$ June 1989 and the law of $12^{\text {th }}$ July 2002. Schooling lasts seven years and leads to a postsecondary school diploma intended to prepare the student for further academic studies.
- Technical secondary education, governed by the modified law of $4^{\text {th }}$ September 1990 reforming the technical secondary education as well as vocational education. Schooling includes various training schemes, which last from five to eight years, depending on the chosen orientation.

The reform of vocational education (law of $19^{\text {th }}$ December 2008) has been in place since the beginning of the academic school year of 2010-2011. Following this law, among other, the technician's training scheme has been reorganised and is integrated in the vocational education.
The law of $14^{\text {th }}$ March 1973 relative to the creation of institutes and of services of special needs education has introduced compulsory education for every child with a disability/handicap or every child in need of special education.

EDUCATION SYSTEM

LUXEMBOURGISH EDUCATION SYSTEM - NATIONAL CURRICULUM


## 2 STUDENTS

# 100527 <br> PUPILS 

NATIONAL CURRICULUM

47766
ELEMENTARY EDUCATION

## 39582 <br> SECONDARY EDUCATION

## INTERNATIONAL CURRICULUM

6337
SECONDARY
EDUCATION

## EFFECTIFS

For the school year 2015/2016, the total number of pupils in Luxembourg was 100527 and this is distributed as follows:

|  | Number o |  | pupils 2015-2016 |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Level of education | Public schools | Private schools* | Total public and private* | Private and interna tional schools** | Total |
| Cycle 1 Early childhood education | 4183 | - | 4183 | 314 | 4497 |
| Cycle 1 Pre-primary education | 11027 | - | 11027 | 1540 | 12567 |
| Cycle 2-4 Primary education | 32458 | 98 | 32556 | 4070 | 36626 |
| Special needs education (EDIFF) | 918 | - | 918 | - | 918 |
| General secondary education (ES) | 11804 | 253 | 12057 | 5908 | 17965 |
| Technical secondary education (EST) | 24107 | 3418 | 27525 | 429 | 27954 |
| Total | 84497 | 3769 | 88266 | 12261 | 100527 |

* Education following the official national curriculum
** Education not following the official national curriculum


## From this page on, the presentation of key data will cover only aspects related to public and private education following the national official curriculum.

STUDENTS
GENERAL STATISTICS

## EVOLUTION

The demographic increase of the population living in Luxembourg has its repercussions on the school system. For most of the levels of education, the number of pupils increases constantly from one year to another.

|  | Number of pupils |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Level of education | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| Cycle 1 Early childhood education | 4105 | 3961 | 4258 | 4141 | 4283 | 4045 | 4183 |
| Cycle 1 Pre-primary education | 10026 | 10195 | 10434 | 10740 | 10748 | 10948 | 11027 |
| Cycle 2-4 Primary education | 32312 | 32096 | 32269 | 31975 | 31894 | 32152 | 32556 |
| Special needs education (EDIFF) | 608 | 690 | 779 | 848 | 835 | 884 | 918 |
| General secondary education (ES) | 12757 | 12825 | 12975 | 12958 | 12832 | 12501 | 12057 |
| Technical secondary education (EST) | 25184 | 25879 | 26330 | 26627 | 26998 | 27152 | 27525 |
| Total | 84992 | 85646 | 87045 | 87289 | 87590 | 87682 | 88266 |

GENERAL STATISTICS

## DISTRIBUTION BY GENDER

| Level of education | Number of pupils 2015-2016 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Male |  | Female |  | Total |
| Cycle 1 Early childhood education | 2134 | 51,0\% | 2049 | 49,0\% | 4183 |
| Cycle 1 Pre-primary education | 5728 | 51,9\% | 5299 | 48,1\% | 11027 |
| Cycle 2-4 Primary education | 16627 | 51,1\% | 15929 | 48,9\% | 32556 |
| Special needs education (EDIFF) | 612 | 66,7\% | 306 | 33,3\% | 918 |
| General secondary education (ES) | 5425 | 45,0\% | 6632 | 55,0\% | 12057 |
| Technical secondary education (EST) | 14514 | 52,7\% | 13011 | 47,3\% | 27525 |
| Total | 45040 | 51,0\% | 43226 | 49,0\% | 88266 |



## STUDENTS

GENERAL STATISTICS

## DISTRIBUTION BY NATIONALITY

| Level of education | Number of pupils 2015-2016 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Luxembourgers |  | Foreign pupils |  | Total |
| Cycle 1 Early childhood education | 2389 | 57,1\% | 1794 | 42,9\% | 4183 |
| Cycle 1 Pre-primary education | 5987 | 54,3\% | 5040 | 45,7\% | 11027 |
| Cycle 2-4 Primary education | 17545 | 53,9\% | 15011 | 46,1\% | 32556 |
| Special needs education (EDIFF) | 418 | 45,5\% | 500 | 54,5\% | 918 |
| General secondary education (ES) | 9657 | 80,1\% | 2400 | 19,9\% | 12057 |
| Technical secondary education (EST) | 14839 | 53,9\% | 12686 | 46,1\% | 27525 |
| Total | 50835 | 57,6\% | 37431 | 42,4\% | 88266 |



## GENERAL STATISTICS

## NATIONALITIES - DISTRIBUTION BY NATIONALITY AND LEVEL OF EDUCATION



| Nat. | Percentage of pupils 2015-2016 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Elementary |  |  |  | EDIFF <br>  |  | Technical secondary education (EST) |  |  |  |  |  | $\begin{aligned} & \text { 尔 } \\ & \stackrel{1}{\sqrt{6}} \\ & \stackrel{\rightharpoonup}{-} \end{aligned}$ |  | $\frac{\stackrel{1}{\nwarrow}}{\stackrel{1}{\circ}}$ |
|  |  | 츰 흔 은 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Luxembg. | 57,1 | 54,3 | 53,9 | 54,3 | 45,5 | 80,1 | 38,0 | 17,4 | 51,5 | 65,4 | 56,8 | 55,8 | 53,9 | 61,9 | 57,6 |
| Portuguese | 16,9 | 22,2 | 24,3 | 23,1 | 35,5 | 7,3 | 42,1 | 32,7 | 30,9 | 21,9 | 28,8 | 28,6 | 29,2 | 22,5 | 23,0 |
| Ex-Youg. | 3,4 | 3,2 | 3,8 | 3,7 | 4,0 | 1,5 | 6,2 | 5,6 | 5,3 | 3,9 | 5,0 | 3,8 | 4,8 | 3,8 | 3,7 |
| French | 7,3 | 6,1 | 4,9 | 5,4 | 4,0 | 2,6 | 2,8 | 1,3 | 2,8 | 2,1 | 2,3 | 2,2 | 2,4 | 2,5 | 4,1 |
| Italian | 1,8 | 1,7 | 1,5 | 1,6 | 0,9 | 0,8 | 1,8 | 1,8 | 1,8 | 1,4 | 1,6 | 1,3 | 1,6 | 1,4 | 1,5 |
| Belgian | 2,6 | 2,0 | 2,0 | 2,0 | 0,8 | 2,3 | 0,9 | 0,2 | 1,0 | 0,9 | 0,8 | 1,3 | 0,9 | 1,4 | 1,7 |
| German | 1,4 | 1,5 | 1,4 | 1,4 | 0,5 | 1,6 | 0,5 | 0,7 | 0,7 | 0,6 | 0,4 | 2,3 | 0,8 | 1,1 | 1,3 |
| others | 9,4 | 9,0 | 8,2 | 8,5 | 8,7 | 3,8 | 7,8 | 40,4 | 6,1 | 3,8 | 4,3 | 4,8 | 6,3 | 5,6 | 7,2 |
| Tot. foreign | 42,9 | 45,7 | 46,1 | 45,7 | 54,5 | 19,9 | 62,0 | 82,6 | 48,5 | 34,6 | 43,2 | 44,2 | 46,1 | 38,1 | 42,4 |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |

## STUDENTS

GENERAL STATISTICS

## DISTRIBUTION BY NATIONALITY AND FIRST LANGUAGE SPOKEN

Distribution by nationality


Distribution by first language spoken


CYCLE 1 OF ELEMENTARY EDUCATION

## DESCRIPTION

Cycle 1, which corresponds to the former pre-school education, extends over three years and is meant for children between the ages of three and five. The first year (early childhood education) is optional for three-year-old children. The enrolment into the second year of cycle 1 is compulsory for any child that has reached the age of four before $1^{\text {st }}$ September.

The curricula of early childhood and preschool education are determined by the respective framework plans, which are drawn up by the Ministry of National Education, Children and Youth. The preschools are placed under joint authority of the Ministry of National Education and the municipal authorities.

|  | $2015-2016$ |  |  |
| :--- | :---: | :---: | :---: |
|  | Number of pupilsNumber of classes <br> (groups) | Average pupils / <br> class (group) |  |
| Cycle 1 - Early childhood education | 4183 | 245 | 17,1 |
| Cycle 1-Pre-primary education | 11027 | 676 | 16,3 |
| Total | $\mathbf{1 5 2 1 0}$ | $\mathbf{9 2 1}$ | $\mathbf{1 6 , 5}$ |


|  | Evolution Cycle 1 - Early childhood education |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| Communes | 102 | 103 | 100 | 106 | 105 | 105 | 105 |
| Groups* | 229 | 227 | 233 | 230 | 234 | 221 | 245 |
| Pupils | 4105 | 3961 | 4258 | 4141 | 4283 | 4045 | 4183 |
|  | Evolution Cycle 1 - Pre-primary education |  |  |  |  |  |  |
|  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| Classes | 646 | 651 | 656 | 677 | 689 | 711 | 676 |
| Pupils | 10026 | 10195 | 10434 | 10740 | 10748 | 10948 | 11027 |

CYCLE 1 OF ELEMENTARY EDUCATION

## THEORETICAL AGE - STUDENT DISTRIBUTION BY AGE

The distribution of pupils by age and grade shows the academic delay (school lag) compared to the theoretical age for the attendance of different school grades.

The notion of theoretical age (green areas in the table below) assumes that the pupils have been enrolled in the first year of pre-school education at the age of four.

|  | Cycle 1 - Early childhood education 2015-2016 |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| age | 3 | 4 | 5 | 6 | > 6 | Total |
| N | 11 | 5261 | 5415 | 327 | 13 | 11027 |
| \% | 0,1\% | 47,7\% | 49,1\% | 3,0\% | 0,1\% | 100,0\% |
|  | Cycle 1 - Early childhood education 2015-2016 |  |  |  |  |  |
| theoretical age |  |  |  | $\square>$ |  |  |
| N | 11 |  | 0676 | 340 |  |  |
| \% | 0,1\% |  | 96,8\% | 3,1\% |  |  |



## DESCRIPTION

Cycles 2 to 4 correspond to the former primary education.

- Cycle 2 concerns six and seven-year-old children
- Cycle 3 concerns eight and nine-year-old children
- Cycle 4 concerns ten and eleven-year-old children

Every cycle lasts for two years. At the end of each cycle the students has to have acquired the standard skills, in other words, the expected learning objectives, in order to continue their course into the next cycle. In exceptional cases, the student can pass a cycle in one year or require three years to develop the core skills.

The competences to be acquired fall within the domains of development and learning that are defined by article 7 of the law of 6th February 2009 which organises elementary education:

1. Literacy and language teaching ;German, French and Luxembourgish as well as an openness to languages;
2. Mathematics;
3. An introduction to arts and natural sciences;
4. Body language, psychomotor skills, sports and health;
5. An introduction to aesthetics, creation and culture, arts and music;
6. Living together and the values taught by moral and social education or
7. Religious and moral education

At the end of cycle 4 of the elementary education, the pupils are oriented, either towards the general secondary education or towards the technical secondary education. A report regarding their academic orientation is used to guide the pupils towards the level of secondary education which corresponds to their abilities, interests and needs.

## STUDENTS

CYCLES 2-4 OF ELEMENTARY EDUCATION

## DISTRIBUTION BY CYCLE OF STUDY

|  |  | $2015-2016$ |  |
| :--- | ---: | ---: | :---: |
| Level | Number <br> of pupils | Number <br> of classes | Average pupils/class |
| Cycle 2.1 | 5347 | 318 | 16,8 |
| Cycle 2.2 | 6227 | 422 | 14,8 |
| Cycle 3.1 | 5343 | 324 | 16,5 |
| Cycle 3.2 | 5765 | 390 | 14,8 |
| Cycle 4.1 | 5023 | 307 | 16,4 |
| Cycle 4.2 | 4851 | 353 | 13,7 |
| Total | 32556 | 2114 | 15,4 |

## EVOLUTION

|  | Evolution of number of pupils - Primary education cycle 2-4 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| Primary education cycle 2-4 | 32312 | 32096 | 32269 | 31975 | 31894 | 32152 | 32556 |
| Total | 32312 | 32096 | 32269 | 31975 | 31894 | 32152 | 32556 |

CYCLES 2-4 OF ELEMENTARY EDUCATION

## THEORETICAL AGE - STUDENT DISTRIBUTION BY AGE AND BY CYCLE OF STUDY

The distribution of pupils by age and grade shows the academic delay (school lag) compared to the theoretical age for the attendance of different school grades.

The notion of theoretical age (green areas in the table below) assumes that the pupils have been enrolled in the first year of pre-school education at the age of four.

|  | Number of pupils 2015-2016 |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| age | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | >13 | Total |
| Cycle 2.1 | 91 | 4858 | 379 | 16 | 3 |  |  |  |  |  | 5347 |
| Cycle 2.2 | 2 | 181 | 4898 | 1027 | 118 | 1 |  |  |  |  | 6227 |
| Cycle 3.1 |  |  | 91 | 4141 | 996 | 111 | 4 |  |  |  | 5343 |
| Cycle 3.2 |  |  | 1 | 121 | 4059 | 1302 | 276 | 6 |  |  | 5765 |
| Cycle 4.1 |  |  |  | 2 | 112 | 3624 | 1157 | 126 | 2 |  | 5023 |
| Cycle 4.2 |  |  |  |  | 1 | 173 | 3570 | 1018 | 89 |  | 4851 |
| Total | 93 | 5039 | 5369 | 5307 | 5289 | 5211 | 5007 | 1150 | 91 | 0 | 32556 |
|  |  |  | Percentage of pupils |  |  |  |  | 2015-2016 |  |  |  |
| age | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | >13 | Total |
| Cycle 2.1 | 1,7 | 90,9 | 7,1 | 0,3 | 0,1 |  |  |  |  |  | 100 |
| Cycle 2.2 | 0,0 | 2,9 | 78,7 | 16,5 | 1,9 | 0,0 |  |  |  |  | 100 |
| Cycle 3.1 |  |  | 1,7 | 77,5 | 18,6 | 2,1 | 0,1 |  |  |  | 100 |
| Cycle 3.2 |  |  | 0,0 | 2,1 | 70,4 | 22,6 | 4,8 | 0,1 |  |  | 100 |
| Cycle 4.1 |  |  |  | 0,0 | 2,2 | 72,1 | 23,0 | 2,5 | 0,0 |  | 100 |
| Cycle 4.2 |  |  |  |  | 0,0 | 3,6 | 73,6 | 21,0 | 1,8 |  | 100 |
| Total | 0,3 | 15,5 | 16,5 | 16,3 | 16,2 | 16,0 | 15,4 | 3,5 | 0,3 | 0,0 | 100 |

## STUDENTS

## CYCLES 2-4 OF ELEMENTARY EDUCATION

## THEORETICAL AGE - STUDENT DISTRIBUTION BY THEORETICAL AGE AND CYCLE

Among the pupils attending the regular classes of primary education (cycles 2 to 4 ), $2.4 \%$ are below and $20.4 \%$ are above the theoretical age corresponding to their respective level of studies.



## DESCRIPTION

The state is responsible for the supervision of the general secondary and technical secondary education. This supervision is exercised by the Minister of National Education, Children and Youth and by the respective directors of these secondary schools.

The curricula of the general secondary and technical secondary education are set by the Minister based on the propositions made by the National Curriculum Commissions.

## NUMBERS - EVOLUTION

|  | Number of pupils - Evolution |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | General secondary education |  | Technical secondary education |  |  |
|  | $N$ | \% | N | \% | Total |
| 2009/10 | 12757 | 33,6\% | 25184 | 66,4\% | 37941 |
| 2010/11 | 12825 | 33,1\% | 25879 | 66,9\% | 38704 |
| 2011/12 | 12975 | 33,0\% | 26330 | 67,0\% | 39305 |
| 2012/13 | 12958 | 32,7\% | 26627 | 67,3\% | 39585 |
| 2013/14 | 12832 | 32,2\% | 26998 | 67,8\% | 39830 |
| 2014/15 | 12501 | 31,5\% | 27152 | 68,5\% | 39653 |
| 2015/16 | 12057 | 30,5\% | 27525 | 69,5\% | 39582 |

Distribution 2015/16


GENERAL SECONDARY EDUCATION

## DESCRIPTION

The Luxembourgish general secondary education is governed by the organic law of $10^{\text {th }}$ May 1968, modified by the law of $22^{\text {nd }}$ June 1989 and the law of $12^{\text {th }}$ July 2002. General secondary education lasts for seven years and leads to a secondary school diploma. General secondary education is principally designed to prepare students for further academic studies.

General secondary education includes a lower and an upper cycle. The lower cycle includes grades 7, 6 and 5. After their first year of secondary school, the students can opt between classical education (where they will learn Latin as a third language) or modern education (where they will learn English as a third language). In classical education, English will be taught as a fourth language as of grade 5.

The upper cycle includes a general grade level ( $4^{\text {th }}$ grade) and a specialisation cycle ( $3^{\text {rd }}, 2^{\text {nd }}$ and $1^{\text {st }}$ grades). The specialisation occurs from the $3{ }^{\text {rd }}$ grade onwards.

The specialisation cycle of the higher division includes seven sections:

| Section A - | predominant subjects: | Modern languages |
| :--- | :--- | :--- |
| Section B - | predominant subjects: | Mathematics and ICT |
| Section C - | predominant subjects: | Natural sciences and mathematics |
| Section D - | predominant subjects: | Economics and mathematics |
| Section E - | predominant subjects: | Fine arts |
| Section F - | predominant subjects: | Musical sciences |
| Section G - | predominant subjects: | Humanities and social sciences |


| General secondary school leaving diploma |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $1^{\text {re }} \mathrm{A}$ | $1{ }^{\text {re }}$ B | $1^{\text {re }} \mathrm{C}$ | $1{ }^{\text {re }} \mathrm{D}$ | $1^{\text {re }} \mathrm{E}$ | $1{ }^{\text {re }} \mathrm{F}$ | $1^{\text {re }} \mathrm{G}$ |  |  |
| $2^{\text {e }} \mathrm{A}$ | $2^{\text {e }}$ B | $2^{\text {e }} \mathrm{C}$ | $2^{e} \mathrm{D}$ | $2^{\text {e }} \mathrm{E}$ | $2^{\text {e }} \mathrm{F}$ | $2^{\text {e }} \mathrm{G}$ | Specialized | - |
| $3^{e} \mathrm{~A}$ | $3^{\text {e }}$ B | $3^{e} \mathrm{C}$ | $3{ }^{\text {e }} \mathrm{D}$ | $3^{e} \mathrm{E}$ | $3^{\text {e }} \mathrm{F}$ | $3^{\text {e }} \mathrm{G}$ |  | - |
| $4^{e}$ classique - moderne |  |  |  |  |  |  | Versatile classes | $\bigcirc$ |
| $5{ }^{\text {e }}$ classique - moderne |  |  |  |  |  |  |  | $\stackrel{5}{¢}$ |
| $6^{\text {e }}$ classique - moderne |  |  |  |  |  |  |  | $\underset{\text { ® }}{\substack{\text { ® }}}$ |
| $7{ }^{\text {e }}$ ES |  |  |  |  |  |  |  | กิ |

GENERAL SECONDARY EDUCATION

## NUMBERS - STUDENT DISTRIBUTION BY GRADE OF EDUCATION

Inside general secondary education, the students are spread across from grade 7 down to grade 1 (equivalent to grade 13).

|  | General secondary education 2015-2016 |  |  |
| :--- | :---: | :---: | :---: |
| Level | Number of pupils | Number of classes | Average pupils/class |
| 7e | 1802 | 80 | 22,5 |
| 6e | 1767 | 77 | 22,9 |
| 5e | 1801 | 83 | 21,7 |
| 4e | 1743 | 81 | 21,5 |
| 3e | 1651 | 89 | 18,6 |
| 2e | 1562 | 82 | 19,0 |
| 1re | 1731 | 86 | 20,1 |
| Total | 12057 | 578 | 21 |


| 2015-2016 Lower level general secondary education |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Level | Classical | Modern | LEM ${ }^{1}$ | E2C ${ }^{2}$ ) | Total |
| 7 e (orientation) |  |  | 73 |  | 1802 |
| 6 e | 257 | 1436 | 74 |  | 1767 |
| 5 e | 184 | 1539 | 73 | 5 | 1801 |
| Total 6e, 5e | 441 | 2975 | 147 | 5 | 3568 |
| $6 \mathrm{e}, 5 \mathrm{e}$ \% | 12,4\% | 83,4\% | 4,7\% | 0,1\% | 100,0\% |


| 2015-2016 general (polyvalent) classes of general secondary education |  |  |  |  |  |
| :--- | ---: | :---: | :---: | :---: | ---: |
| Level | Classical | Modern | LEM $^{1)}$ | E2C $^{2)}$ | Total |
| 4 e | $\mathbf{3 0 1}$ | $\mathbf{1 3 7 8}$ | 64 |  | 1743 |
| $4 \mathrm{e} \%$ | $17,3 \%$ | $79,1 \%$ | $3,7 \%$ |  | $100,0 \%$ |

## STUDENTS

GENERAL SECONDARY EDUCATION

DESCRIPTION

| 2015-2016 Upper level general secondary education |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Level | A | B | C | D | E | F | G | Total |
| 3 e classical | 24 | 58 | 118 | 36 | 4 | 2 | 9 | 251 |
| 3e modern | 100 | 170 | 338 | 335 | 100 | 23 | 334 | 1400 |
| 3e Total | 124 | 228 | 456 | 371 | 104 | 25 | 343 | 1651 |
| $3 \mathrm{e} \%$ | 7,5\% | 13,8\% | 27,6\% | 22,5\% | 6,3\% | 1,5\% | 20,8\% | 100,0\% |
| 2 eclassical | 15 | 48 | 85 | 31 | 3 | 3 | 12 | 197 |
| 2e modern | 86 | 147 | 325 | 308 | 85 | 40 | 374 | 1365 |
| 2 e Total | 101 | 195 | 410 | 339 | 88 | 43 | 386 | 1562 |
| $2 \mathrm{e} \%$ | 6,5\% | 12,5\% | 26,2\% | 21,7\% | 5,6\% | 2,8\% | 24,7\% | 100,0\% |
| 1re classical | 15 | 56 | 97 | 32 | 8 | 6 | 15 | 229 |
| 1re modern | 85 | 115 | 348 | 368 | 96 | 40 | 450 | 1502 |
| 1 re Total | 100 | 171 | 445 | 400 | 104 | 46 | 465 | 1731 |
| 1re\% | 5,8\% | 9,9\% | 25,7\% | 23,1\% | 6,0\% | 2,7\% | 26,9\% | 100,0\% |
| Total | 325 | 594 | 1311 | 1110 | 296 | 114 | 1194 | 4944 |
| Total \% | 6,6\% | 12,0\% | 26,5\% | 22,5\% | 6,0\% | 2,3\% | 24,2\% | 100,0\% |

${ }^{1)}$ LEM: Lycée Ermesinde Mersch (formerly Neie Lycée)
${ }^{2)}$ E2C: 2nd chance school

GENERAL SECONDARY EDUCATION

## DESCRIPTION

The distribution of the students by age and grade shows the academic delay (school lag) compared to the theoretical age for the attendance of different grades.
The notion of theoretical age (green areas in the table below) assumes that the students have been enrolled in the first year of primary education at the age of six and that they have been admitted in grade 7 after their sixth year of elementary school without having repeated or skipped any grade.



## STUDENTS

GENERAL SECONDARY EDUCATION

## THEORETICAL AGE - STUDENT DISTRIBUTION COMPARED TO THEORETICAL AGE

The general secondary education presents a rate of $3.7 \%$ of students who are ahead of the theoretical age and a rate of $17.0 \%$ of students who have fallen behind.

|  | ES 2015-2016 |  |  |
| :--- | :---: | :---: | :---: |
| theoretical age | $\square$ | $\square=$ | $>$ |
| N | 446 | 9563 | 2048 |
| $\%$ | $3,7 \%$ | $79,3 \%$ | $17,0 \%$ |



TECHNICAL SECONDARY EDUCATION

## DESCRIPTION

The technical secondary education is governed by the modified law of 4th September 1990 reforming the technical secondary education and vocational education. It is placed under the authority of the Minister.

The technical secondary education is made up of the following cycles: the lower cycle, the intermediate cycle and the higher cycle. The lower cycle includes the first three years of study, namely grades 7,8 and 9 as well as the modular classes of the preparatory scheme intended for pupils with learning difficulties. There are three different types of technical secondary education included in the intermediate and the higher cycles: the technical education, the training scheme for technicians and that for vocational education.

The technical education is a four-year-course, from the 10th to the 13th grade. It leads to the technical baccalaureate equivalent to the technical secondary school leaving diploma. This diploma prepares for job entry into a certain vocation or craft and gives access to higher academic as well as non-academic studies. This course includes the general technical division, the administrative and commercial division and the division for healthcare and social professions. The latter division requires an extra year of study (grade 14).

The reform of vocational education (law of 19th December 2008) was implemented at the beginning of the school year 2010-2011. Following this law, among others, the training for technicians has been reorganised and is now an integral part of vocational education which henceforth relates to three different levels:

- The programme leading to the Certificate of professional competence (Certificat de capacité professionnelle, CCP). This programme has a normal duration of three years and mainly takes place in a professional environment. It concerns students with learning difficulties and replaces the former CCM and the CITP.
- The programme leading to the Diploma of vocational aptitude (Diplôme d'aptitude professionnelle, DAP). This programme replaces the Certifıcate of technical and vocational aptitude (Certificat d'aptitude technique et professionnelle, CATP). It has a normal duration of three years and can be offered either under a an apprenticeship or internship contract
- The programme leading to the Technician's diploma (Diplôme de technician, DT). This programme with a more technical scope has a normal duration of four years and is oriented towards professional practice. It is mainly organised according to an internship contract.

TECHNICAL SECONDARY EDUCATION

## EVOLUTION OF NUMBERS IN THE DIFFERENT CYCLES AND PROGRAMMES

The table below includes the totality of the number of students in technical secondary education and the evolution of their number over the past years. The lower cycle also includes the students of the modular classes of the preparatory scheme, of reception and integration classes.

|  | Lower level technical secondary education |  | Technical regime |  | Technician's regime |  | Vocational regime |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | N | \% | N | \% | N | \% | N | \% | N |
| 2009/10 | 12421 | 49,3\% | 5220 | 20,7\% | 3198 | 12,7\% | 4345 | 17,3\% | 25184 |
| 2010/11 | 12746 | 49,3\% | 5405 | 20,9\% | 3315 | 12,8\% | 4413 | 17,1\% | 25879 |
| 2011/12 | 12915 | 49,1\% | 5677 | 21,6\% | 3378 | 12,8\% | 4360 | 16,6\% | 26330 |
| 2012/13 | 13152 | 49,4\% | 5897 | 22,1\% | 3494 | 13,1\% | 4084 | 15,3\% | 26627 |
| 2013/14 | 13316 | 49,3\% | 6239 | 23,1\% | 3483 | 12,9\% | 3960 | 14,7\% | 26998 |
| 2014/15 | 13185 | 48,6\% | 6568 | 24,2\% | 3464 | 12,8\% | 3935 | 14,5\% | 27152 |
| 2015/16 | 13172 | 47,9\% | 6845 | 24,9\% | 3527 | 12,8\% | 3981 | 14,5\% | 27525 |

Distribution 2015/16


## FIGURES - STUDENT DISTRIBUTION BY GRADE

| Level | Lower level technical secondary education 2015-2016 |  |  |
| :---: | :---: | :---: | :---: |
|  | Number of pupils | Number of classes | average pupils/class |
| 7 e preparatory | 857 | 62 | 13,8 |
| 8 e preparatory | 929 | 70 | 13,3 |
| 9e preparatory | 887 | 66 | 13,4 |
| Total preparatory | 2673 | 198 | 13,5 |
| Reception classes | 375 | 29 | 12,9 |
| Integration classes (young adults) | 96 | 8 | 12,0 |
| E2C (2nd chance school) | 96 | 7 | 13,7 |
| IPDM (professional integration) | 374 | 36 | 10,4 |
| Total reception / integration | 941 | 80 | 11,8 |
| 7 e technical | 1788 | 84 | 21,3 |
| 7e integration classes | 97 | 8 | 12,1 |
| 7 LEM | 66 | 3 | 22,0 |
| $7 \mathrm{project} \mathrm{classes} \mathrm{(PROCI)}$ | 650 | 34 | 19,1 |
| Total 7 e lower level technical | 2601 | 129 | 20,2 |
| 8e technical | 1518 | 68 | 22,3 |
| 8 e integration classes | 244 | 14 | 17,4 |
| 8e polyvalent | 281 | 16 | 17,6 |
| 8 LEM | 48 | 3 | 16,0 |
| 8 e project classes (PROCI) | 685 | 35 | 19,6 |
| Total 8e lower level technical | 2776 | 136 | 20,4 |
| 9e technical | 1501 | 67 | 22,4 |
| 9e integration classes | 454 | 28 | 16,2 |
| 9e polyvalent | 618 | 36 | 17,2 |
| 9e practical | 716 | 44 | 16,3 |
| 9 LEM | 60 | 3 | 20,0 |
| 9e project classes (PROCI) | 832 | 44 | 18,9 |
| Total 9e lower level technical | 4181 | 222 | 18,8 |
| Total | 13172 | 765 | 17,2 |

FIGURES - STUDENT DISTRIBUTION BY PROGRAMME, DIVISION AND PROFESSION

| Technical regime | 2015-2016 |
| :---: | :---: |
| $\left(10^{\text {th }}, 11^{\text {th }}, 12^{\text {th }}, 13^{\text {th }}\right.$ and $14^{\text {th }}$ grade) | Number of pupils |
| General technical regime | 1624 |
| Administrative and commercial division | 1897 |
| Health and social professions | 3018 |
| Arts | 152 |
| Natural sciences division | 154 |
| Total | 6845 |
| Technician's regime | 2015-2016 |
| ( $10^{\text {th }}, 11^{\text {th }}, 12^{\text {th }}$ and $13^{\text {th }}$ grade) | Number of pupils |
| Administrative and commercial division | 1917 |
| Agricultural and horticultural division | 151 |
| Civil engineering | 351 |
| Arts | 146 |
| IT division | 381 |
| Chemical division | 4 |
| Mechanics | 213 |
| Electrical engineering | 183 |
| Hotel and tourist division | 138 |
| Building equipment division | 43 |
| Total | 3527 |
| Vocational regime | 2015-2016 |
| ( $10^{\text {th }}, 11^{\text {th }}, 12^{\text {th }}$ and $13^{\text {th }}$ grade) | Number of pupils |
| Chamber of Agriculture | 180 |
| Chamber of Crafts | 2026 |
| Chamber of Commerce | 1338 |
| Ministère de l'Éducation nationale | 437 |
| Total | 3981 |

## THEORETICAL AGE - STUDENT DISTRIBUTION BY AGE AND BY GRADE

The distribution of the students by age and grade shows the academic delay (school lag) compared to the theoretical age for the attendance of different grades.
The notion of theoretical age (green areas in the table below) assumes that the students have been enrolled in the first year of primary education at the age of six and that they have been admitted in grade 7 after their sixth year of elementary school without having repeated or skipped any grade.


STUDENTS
TECHNICAL SECONDARY EDUCATION

|  | EST Percentage of pupils 2015-2016 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| age | <12 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | >22 | Total |
| $7^{\text {th }}$ | 0,4 | 63,4 | 32,3 | 3,8 | 0,1 |  | 0,1 |  |  |  |  |  |  | 100 |
| $8^{\text {th }}$ |  | 0,5 | 55,5 | 35,5 | 7,6 | 0,9 |  |  |  |  |  |  |  | 100 |
| $9^{\text {th }}$ |  |  | 0,3 | 40,8 | 37,6 | 15,7 | 4,4 | 0,7 | 0,3 | 0,1 | 0,1 | 0,0 | 0,0 | 100 |
| $10^{\text {th }}$ |  |  |  | 0,3 | 29,5 | 31,1 | 20,5 | 9,6 | 3,9 | 2,0 | 1,2 | 0,7 | 1,1 | 100 |
| $17^{\text {th }}$ |  |  |  |  | 0,3 | 27,6 | 30,8 | 22,6 | 10,3 | 4,4 | 2,3 | 0,9 | 0,8 | 100 |
| $12^{\text {th }}$ |  |  |  |  |  | 0,2 | 22,0 | 29,3 | 22,8 | 11,7 | 7,1 | 3,5 | 3,3 | 100 |
| $13^{\text {th }}$ |  |  |  |  |  |  | 0,2 | 24,8 | 29,0 | 23,4 | 14,0 | 5,6 | 3,0 | 100 |
| $14^{\text {th }}$ |  |  |  |  |  |  |  |  | 29,1 | 32,9 | 15,8 | 12,7 | 9,5 | 100 |
| 99 | 1,1 | 8,7 | 9,8 | 9,1 | 19,8 | 26,1 | 14,8 | 4,9 | 3,2 | 1,1 | 0,5 | 0,6 | 0,3 | 100 |
| Total | 0,1 | 8,3 | 11,9 | 13,1 | 13,4 | 12,4 | 11,4 | 10,8 | 8,1 | 5,0 | 2,9 | 1,4 | 1,1 | 100 |

## THEORETICAL AGE - STUDENT DISTRIBUTION COMPARED TO THE THEORETICAL AGE

The technical secondary education presents a rate of $61.7 \%$ of students that have fallen behind, which is substantially higher that the rate observed in the general secondary education (17.0\%). This trend is noticeable as soon as grade 7 .


## DESCRIPTION

The law of $14^{\text {th }}$ March 1973 regarding the establishment of special needs education institutes and services has generalised mandatory education for every child in need of special education. In fact, the law of 10th August 1912 did not include the school enrolment of disabled children.

Following the replacement of this law by the law of $28^{\text {th }}$ June 1994 regarding "school integration", these pupils can follow their compulsory education:

- Within classes of the regular education;
- Part-time in a class corresponding to the two types of education mentioned before;
- Within classes that are part of education centres and institutes specialised in special needs education;
- In a specialised institute abroad.

The enrolment in education centres and institutes specialised in special needs education occurs following a proposition by the National, Medical, Psychological and Pedagogical Committee.

The ministry in charge of National Education is responsible for the educational aspect, the ministry in charge of Public Health is responsible for the medical aspect and the ministry of Family is responsible for the domestic and social aspects of special needs education. The centres and institutes are managed by the board of Special Needs Education which is part of the ministry in charge of National Education.

The description of Special Needs Education is twofold:

- The school enrolment in the centres and institutes for special needs education (schools);
- The services providing ambulatory assistance.


## STUDENTS

## SPECIAL NEEDS EDUCATION

The information included in this chapter contain the data concerning the ambulatory work of the Speech Therapy Centre, the institute for the visually impaired and of multi-professional teams of the special needs education (former SREA and SGE). The children who benefit from one or several of these services are enrolled in a class of elementary education or in a centre or institute for Special Needs Education.

The institutions that are subsidised by the state by means of a convention are not part of this statistical description.

## SCHOOL ENROLMENT IN THE SPECIAL NEEDS EDUCATION

During the school year 2015/2016, 918 students were enrolled in the special school centres or units included in the Special Needs Education.

FIGURES - GENDER DISTRIBUTION

|  | $2015-2016$ |  |  |
| :--- | :---: | :---: | :---: |
| Institution | Male | Female | Total |
| Special needs education centers | 271 | 172 | 443 |
| Center of speech therapy | 239 | 93 | 332 |
| School integration and observation center | 11 | 0 | 11 |
| Institute for autistic and psychotic children | 61 | 12 | 73 |
| Institute for cerebral palsy | 30 | 29 | 59 |
| TOTAL | 612 | 306 | 918 |

## FIGURES - DISTRIBUTION BY NATIONALITY

|  | 2015-2016 |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Institution | luxembg. | Portuguese | Ex-Youg. | French | Italian | Belgian | German | others | Total |
| Special needs education centers | 223 | 147 | 16 | 4 | 15 | 2 | 2 | 34 | 443 |
| Center of speech therapy | 147 | 131 | 12 | 2 | 13 | 1 | 2 | 24 | 332 |
| School integration and observation center | 7 | 3 | 1 |  |  |  |  |  | 11 |
| Institute for autistic and psychotic children | 26 | 23 | 5 | 1 | 5 | 2 |  | 11 | 73 |
| Institute for cerebral palsy | 15 | 22 | 3 | 1 | 4 | 2 | 1 | 11 | 59 |
| TOTAL | 418 | 326 | 37 | 8 | 37 | 7 | 5 | 80 | 918 |

## AMBULATORY WORK

The services providing ambulatory assistance are:

- The Centre for Speech Therapy

The Centre for Speech Therapy does not only ensure the school enrolment of students suffering from speech or hearing impairment, but also includes the pupils in question within the regular classes. In 2015/2016, 6027 children have profited from an ambulatory speech therapy treatment.

- The Institute for the Visually impaired (Linstitut pour déficients visuels, IDV)

Created in 1975, the institute for the visually impaired is a state institution within the Special Needs Education. Its goals are the education, schooling, autonomy and the family, school and social integration of blind or visually impaired people.

In 2015/2016, 123 children with visual deficiencies were integrated in a class of regular education (elementary, general secondary and technical secondary) and profit from the support of the Institute for the Visually impaired.

## STUDENTS

## SPECIAL NEEDS EDUCATION

- The multi-professional teams of the Special Needs Education (former SREA)

The law of $28^{\text {th }}$ June 1994 provides for the possibility of admission in classes of the regular education instead of an admission in centres and institutes of special needs education for children with sensory, motor, mental or behavioural disabilities. If needed, these children have the right to any kind of support which has to be organised within the school.

In 2015/2016, 644 children with special educational needs or with significant learning disabilities are integrated in a class of the regular education (elementary, general secondary and technical secondary) and benefit from the support of the multi-professional teams (former SREA).

- The multi-professional teams of the Special Needs Education (former SGE)

The Child Guidance Service has been developed as part of the law of $14^{\text {th }}$ March 1973 establishing institutes and services of Special Needs Education. From 9th June 1990, it has officially been implemented by the respective Grand-Ducal Regulations that establish and organise the Child Guidance Service.

In 2015/2016, the multi-professional teams (former SGE) have helped 1931 children who, because of educational, psychological, psychosomatic, neurological or mental problems have encountered developmental difficulties within their family and school, in elementary education or in an institution of the Special Needs Education.

## PROCEDURE

The transfer procedure from elementary to general secondary and technical secondary education replaces the former entry exam and has been modified for the school year of 2012/2013. It has been in effect since the school year 1996/1997. Under the new provisions, the admission to a grade 7 class is based on the decision of orientations issued by a Board of Orientation that is implemented for every class at the end of cycle 4 of elementary education.

The Board of Orientation is presided by the district inspector and includes the head teacher of the cycle 4.2 of the elementary education as well as an experienced teacher from general secondary education and a teacher with experience in the technical secondary education. Since the school year of 1997/1998, a psychologist of the CPOS (Centre de Psychologie et d'Orientation Scolaire) can be part of the Board of Orientation as an advisor if the parents opt for his intervention.

The Boards of Orientation elaborate and formulate a decision on every pupil's orientation, based on the following criteria:

- The parents' opinion;
- The opinion of the head teacher of cycle 4.2 regarding the pupil's skill development;
- The report cards of cycle 4.2;
- The results of standardised tests which are organised in the course of the last school year of cycle 4.

The decision about the pupil's orientation is taken regarding one of the three possible programmes following cycle 4 of elementary education:

- Grade 7 of the technical secondary education (EST)
- The orientation class of the general secondary education (ES)
- The preparatory education (modular classes of the preparatory regime) of the technical secondary education ( PREP)


## STUDENTS

TRANSITION FROM ELEMENTARY TO SECONDARY EDUCATION

An extension of cycle 4 of the elementary education is possible in exceptional cases at the request of the parents or by decision of the head teacher and the agreement of the district inspector. Every student oriented towards an orientation class of the general secondary education can enrol in a $7^{\text {th }}$ grade of the technical secondary education. Appeal procedures are possible if parents wish to enrol their child in a $7^{\text {th }}$ grade of the general secondary education although the child has previously been oriented towards a $7^{\text {th }}$ grade of the technical secondary education, or if they wish to enrol the child in a $7^{\text {th }}$ grade of the technical secondary education although the child has been oriented towards a preparatory class of the technical secondary education.

## PROCEDURE - STUDENT ORIENTATION

At the end of the school year 2015/2016, 5063 pupils of elementary education were oriented towards the general secondary and technical secondary education. Among these pupils, 4769 (94.2\%) had taken part ,at the end of cycle 2.4, in the regular orientation procedure of the elementary education towards the general secondary and the technical secondary education.
294 pupils (5.8\%) were oriented towards the general secondary and the technical secondary education before the end of elementary education, because of their age, their academic delay or, when appropriate, because of their advanced learning abilities.

|  | 2015-2016 |  |
| :---: | :---: | :---: |
| Student orientation at the end of cycle 4.2 | N | \% |
| 7 e general secondary education | 1797 | 37,7\% |
| 7 e technical secondary education | 2417 | 50,7\% |
| Preparatory education of the technical secondary education | 506 | 10,6\% |
| Extension of cycle 4.2 | 49 | 1,0\% |
| Total | 4769 | 100,0\% |
| Student orientation before end of cycle 4.2 | N | \% |
| $7{ }^{\text {e }}$ general secondary education | 2 | 0,7\% |
| $7{ }^{\text {e }}$ technical secondary education |  | 0,0\% |
| Preparatory education of the technical secondary education | 291 | 99,0\% |
| Extension of cycle 4.2 | 1 | 0,3\% |
| Total | 294 | 100,0\% |

TRANSITION FROM ELEMENTARY TO SECONDARY EDUCATION

PROCEDURE - TREND DATA ON THE PUPILS' ORIENTATION AT THE END OF CYCLE 2.4

|  | 7e ES |  | 7e ST |  | 7e PREP |  | Extension |  | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1996/97 | 1565 | 39,6\% | 2040 | 51,6\% | 336 | 8,5\% | 9 | 0,2\% | 3950 |
| 1997/98 | 1534 | 39,4\% | 2070 | 53,7\% | 283 | 7,3\% | 8 | 0,2\% | 3895 |
| 1998/99 | 1652 | 39,9\% | 2136 | 51,6\% | 347 | 8,4\% | 8 | 0,2\% | 4143 |
| 1999/00 | 1709 | 40,9\% | 2164 | 51,8\% | 302 | 7,2\% | 6 | 0,1\% | 4181 |
| 2000/01 | 1705 | 39,5\% | 2251 | 52,2\% | 343 | 8,0\% | 12 | 0,3\% | 4311 |
| 2001/02 | 1711 | 37,8\% | 2444 | 54,0\% | 351 | 7,8\% | 22 | 0,5\% | 4528 |
| 2002/03 | 1756 | 38,4\% | 2456 | 53,7\% | 317 | 6,9\% | 42 | 0,9\% | 4571 |
| 2003/04 | 1779 | 38,6\% | 2454 | 53,2\% | 337 | 7,3\% | 44 | 1,0\% | 4614 |
| 2004/05 | 1975 | 42,7\% | 2319 | 50,2\% | 295 | 6,4\% | 34 | 0,7\% | 4623 |
| 2005/06 | 2004 | 40,1\% | 2618 | 52,4\% | 327 | 6,5\% | 44 | 0,9\% | 4993 |
| 2006/07 | 2061 | 41,8\% | 2528 | 51,3\% | 294 | 6,0\% | 43 | 0,9\% | 4926 |
| 2007/08 | 2067 | 40,7\% | 2658 | 52,4\% | 327 | 6,4\% | 24 | 0,5\% | 5076 |
| 2008/09 | 2037 | 39,7\% | 2708 | 52,8\% | 360 | 7,0\% | 26 | 0,5\% | 5131 |
| 2009/10 | 1939 | 38,1\% | 2674 | 52,5\% | 444 | 8,7\% | 38 | 0,7\% | 5095 |
| 2010/11 | 1941 | 37,7\% | 2667 | 51,7\% | 474 | 9,2\% | 72 | 1,4\% | 5154 |
| 2011/12 | 1943 | 36,9\% | 2720 | 51,6\% | 543 | 10,3\% | 62 | 1,2\% | 5268 |
| 2012/13 | 1820 | 36,0\% | 2644 | 52,3\% | 538 | 10,6\% | 54 | 1,1\% | 5056 |
| 2013/14 | 1685 | 35,1\% | 2470 | 51,5\% | 605 | 12,6\% | 38 | 0,8\% | 4798 |
| 2014/15 | 1805 | 37,7\% | 2408 | 50,3\% | 525 | 11,0\% | 51 | 1,1\% | 4789 |
| 2015/16 | 1797 | 37,7\% | 2417 | 50,7\% | 506 | 10,6\% | 49 | 1,0\% | 4769 |

# 3 DIPLOMAS AND CERTIFICATES 

## 1446

END OF TECHNICAL SECONDARY SCHOOL DIPLOMAS

## 1539

END OF SECONDARY SCHOOL DIPLOMAS

## 572

TECHNICIAN'S DIPLOMAS

816
VOCATIONAL APTITUDE DIPLOMAS

107
VOCATIONAL CAPACITY CERTIFICATE

GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

## GLOBAL OVERVIEW OF THE DIPLOMAS AND CERTIFICATES ISSUED IN 2015/2016

This chapter reviews the different diplomas and certificates issued in the Luxembourgish general secondary and technical secondary education during the year 2015/2016.

This comprises the following diplomas:

General secondary education:
End-of-secondary-school diploma

Technical secondary education:

- Technical regime:

End-of-technical-secondary-school diploma

- Technician's regime, former regime

Technician's diploma

- Technician's regime, new regime

Technician's diploma
Vocational aptitude diploma
Vocational capacity certificate

DIPLOMAS AND CERTIFICATES
GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION


## GENERAL SECONDARY EDUCATION - END-OF-SECONDARY-SCHOOL DIPLOMA

## DESCRIPTION

The successful completion of the secondary studies is certified by a end-of-secondary-school diploma in one of the 7 sections that has been chosen in $3^{\text {rd }}$ grade.

## ATTAINMENT RATE BY SECTION

The attainment rates of the end-of-secondary-school diploma vary between $85.7 \%$ for the section C (Natural sciences, mathematics) and 95.1\% for the section E (Fine arts).

|  | End-of-secondary-school diploma 2015-2016 |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Passed |  | Not passed |  |  |
| Sections | N | \% | N | \% | Total |
| Section A: Modern languages | 94 | 94,9\% | 5 | 5,1\% | 99 |
| Section B: Mathematics, ICT | 162 | 93,6\% | 11 | 6,4\% | 173 |
| Section C: Natural sciences, mathematics | 385 | 85,7\% | 64 | 14,3\% | 449 |
| Section D: Economics, mathematics | 345 | 87,6\% | 49 | 12,4\% | 394 |
| Section E: Fine arts | 98 | 95,1\% | 5 | 4,9\% | 103 |
| Section F: Musical sciences | 43 | 91,5\% | 4 | 8,5\% | 47 |
| Section G: Humanities and social sciences | 412 | 87,3\% | 60 | 12,7\% | 472 |
| Total | 1539 | 88,6\% | 198 | 11,4\% | 1737 |

## DIPLOMAS AND CERTIFICATES

GENERAL SECONDARY EDUCATION

ATTAINMENT RATE BY SECTION


EVOLUTION OF THE ATTAINMENT RATE

|  | Passed |  | Not passed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year | N | \% | $N$ | \% | Total |
| 2009/10 | 1309 | 86,4\% | 206 | 13,6\% | 1515 |
| 2010/11 | 1303 | 86,1\% | 211 | 13,9\% | 1514 |
| 2011/12 | 1441 | 88,0\% | 197 | 12,0\% | 1638 |
| 2012/13 | 1486 | 85,5\% | 252 | 14,5\% | 1738 |
| 2013/14 | 1550 | 86,4\% | 244 | 13,6\% | 1794 |
| 2014/15 | 1651 | 88,1\% | 222 | 11,9\% | 1873 |
| 2015/16 | 1539 | 88,6\% | 198 | 11,4\% | 1737 |

## TECHNICAL REGIME - END-OF-TECHNICAL-SECONDARY-SCHOOL DIPLOMA

## DESCRIPTION

The technical regime of the the technical secondary education is certified by a technical secondary school leaving diploma. This diploma is obtained after successfully passing the exam at the end of the $13^{\text {th }}$ grade respectively at the end of the 14 th grade for health and social professions (past regime).

## ATTAINMENT RATES BY SECTION

The success rate varies significantly from one section to the other. Indeed, one notices a success rate of $94.7 \%$ for the "Communication/organisation" section, compared to a attainment rate of $57.9 \%$ for the section "Nurse school".


GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

ATTAINMENT RATES BY SECTION


EVOLUTION OF THE ATTAINMENT RATES

| Passed |  |  |  | Not passed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year | N | \% | N | \% | Total |  |
| $\mathbf{2 0 0 9 / 1 0 ~}$ | 764 | $79,5 \%$ | 197 | $20,5 \%$ | 961 |  |
| $\mathbf{2 0 1 0 / 1 1}$ | 846 | $81,0 \%$ | 199 | $19,0 \%$ | $\mathbf{1 0 4 5}$ |  |
| $\mathbf{2 0 1 1 / 1 2}$ | 1027 | $84,4 \%$ | 190 | $15,6 \%$ | $\mathbf{1 2 1 7}$ |  |
| $\mathbf{2 0 1 2 / 1 3}$ | 934 | $80,7 \%$ | 223 | $19,3 \%$ | $\mathbf{1 1 5 7}$ |  |
| $\mathbf{2 0 1 3 / 1 4}$ | 955 | $82,4 \%$ | 204 | $17,6 \%$ | $\mathbf{1 1 5 9}$ |  |
| $\mathbf{2 0 1 4 / 1 5}$ | 1003 | $78,9 \%$ | 268 | $27,1 \%$ | $\mathbf{1 2 7 1}$ |  |
| $\mathbf{2 0 1 5 / 1 6}$ | 1446 | $81,3 \%$ | 332 | $18,7 \%$ | $\mathbf{1 7 7 8}$ |  |

## TECHNICIAN'S REGIME - TECHNICIAN'S DIPLOMA (FORMER REGIME)

## DESCRIPTION

The technician's regime (past regime) of the technical secondary education is certified by the technician's diploma at the end of the 13th grade.

The number of candidates in technician training (past regime) has gradually decreased in recent years, as less and less courses have been organized under the past regime.

ATTAINMENT RATES BY SECTION

|  | Technician's diploma 2015-2016 (old regime) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Passed |  | Not passed |  |  |
| Division | N | \% |  | \% | Total |
| Administrative and commercial division | 139 | 84,8\% | 25 | 15,2\% | 164 |
| Chemistry | 4 | 100,0\% |  |  | 4 |
| Total | 143 | 85,1\% | 25 | 14,9\% | 168 |

## DIPLOMAS AND CERTIFICATES

GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

ATTAINMENT RATES BY SECTION


EVOLUTION OF ATTAINMENT RATES

|  | Passed |  | Not passed |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Year | N | \% | N | \% | Total |
| 2009/10 | 410 | 68,9\% | 185 | 37,1\% | 595 |
| 2010/11 | 547 | 78,3\% | 152 | 21,7\% | 699 |
| 2011/12 | 539 | 79,6\% | 138 | 20,4\% | 677 |
| 2012/13 | 576 | 78,3\% | 160 | 21,7\% | 736 |
| 2013/14 | 606 | 76,2\% | 189 | 23,8\% | 795 |
| 2014/15 | 427 | 79,2\% | 112 | 20,8\% | 539 |
| 2015/16 | 143 | 85,1\% | 25 | 14,9\% | 168 |

GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

## VOCATIONAL REGIME - DT, DAP, CCP

## DESCRIPTION

With the reform of the vocational training, the accomplishment of the vocational regime leads to either the technician's diploma (DT), the vocational aptitude diploma (DAP) or the vocational capacity certificate (CCP).

Following the the nature of the course attended, there is joint intervention of one of the employers chambers, Chamber of Crafts, Chamber of Commerce or Chamber of Agriculture and one of the employees chambers, Chamber of Labour or Chamber of Private Employees.

ATTAINMENT RATES BY CHAMBER AND COURSE

| Certificates and diplomas for vocational regime 2015-2016 |  |  |  |  |
| :--- | ---: | :---: | ---: | ---: | ---: |
|  | DT | DAP | CCP | Total |
|  | 24 | 37 | 7 | 68 |
| Chamber of Agriculture | 124 | 201 | 69 | 394 |
| Chamber of Crafts | 281 | 454 | 31 | 766 |
| Chamber of Commerce |  | 124 |  | 124 |
| MENJE | 429 | 816 | 107 | $\mathbf{1 3 5 2}$ |
| Total |  |  |  |  |

## DIPLOMAS AND CERTIFICATES

GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

EVOLUTION OF ATTAINMENT RATES

| Year | Certificates and diplomas for vocational regime |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | DT | DAP | CCP | CATP | ССМ | CITP | Total |
| 2000/01 |  |  |  | 821 | 82 | 103 | 1006 |
| 2001/02 |  |  |  | 912 | 71 | 96 | 1079 |
| 2002/03 |  |  |  | 878 | 64 | 132 | 1074 |
| 2003/04 |  |  |  | 871 | 61 | 116 | 1048 |
| 2004/05 |  |  |  | 876 | 63 | 125 | 1064 |
| 2005/06 |  |  |  | 842 | 66 | 101 | 1009 |
| 2006/07 |  |  |  | 873 | 68 | 94 | 1035 |
| 2007/08 |  |  |  | 920 | 59 | 73 | 1052 |
| 2008/09 |  |  |  | 936 | 47 | 79 | 1062 |
| 2009/10 |  |  |  | 945 | 49 | 87 | 1081 |
| 2010/11 |  |  |  | 929 | 63 | 98 | 1090 |
| 2011/12 |  |  |  | 990 | 37 | 59 | 1086 |
| 2012/13 |  | 103 | 29 | 861 | 64 | 4 | 1061 |
| 2013/14 | 7 | 731 | 136 | 130 | 3 |  | 1007 |
| 2014/15 | 233 | 796 | 167 |  |  |  | 1196 |
| 2015/16 | 429 | 816 | 107 |  |  |  | 1352 |

CERTIFICATION RATES

The goal of the entire educational system is to allow a maximum of students to reach the certification which best suits their skills. The calculation of the certification rate for the Luxembourgish general secondary and the technical secondary education allows to determine to what extent the Luxembourgish educational system reaches this goal.

| Starting numbers |  |
| :--- | ---: |
| 7e Preparatory | 656 |
| 7e PROCI | 677 |
| 7e EST | 1894 |
| 7e ES | $\mathbf{1 8 9 4}$ |
| Total | $\mathbf{5 1 2 1}$ |


| End-of-school diplomas / certificates* |  |
| :---: | :---: |
| DAP, CCP | 963 |
| Technician's diploma | 572 |
| End-of-technical-secondary-school diploma | 1446 |
| End-of-secondary-school diploma | 1539 |
| Students who have obtained a certificate of completion for the intermediate cycle and who have not continued their studies | 56 |
| Total | 4576 |
| * The rate was calculated on the basis of enrollment in the $7^{\text {th }}$ grade at the beginning of the school year in Septe number of students having obtained their certificate of success in the 11 th / 3rd class in 2014, their CCM or DAP diploma in 2016. | the <br> heir final |

The relation between the number of diplomas and certificates delivered and the student number gives a rate of certification of $89.4 \%$ for the year 2015/2016.

| Year | Certification rate |
| :---: | :---: |
| $2001 / 02$ | $79,8 \%$ |
| $2002 / 03$ | $79,1 \%$ |
| $2003 / 04$ | $82,8 \%$ |
| $2004 / 05$ | $80,9 \%$ |
| $2005 / 06$ | $80,8 \%$ |
| $2006 / 07$ | $83,2 \%$ |
| $2007 / 08$ | $82,4 \%$ |
| $2008 / 09$ | $82,2 \%$ |


| Year | Certification rate |
| :---: | :---: |
| $2009 / 10$ | $80,4 \%$ |
| $2010 / 11$ | $85,6 \%$ |
| $2011 / 12^{\star *}$ | $89,0 \%$ |
| $2012 / 13$ | $87,1 \%$ |
| $2013 / 14$ | $88,8 \%$ |
| $2014 / 15$ | $88,5 \%$ |
| $2015 / 16^{* *}$ | $89,4 \%$ |

**The restructuring of studies for health professions in 2011/12 and for Educators in 2015/16, where exceptionally two classes (13th and 14th) took their final exam, leads to an increased certification rate in this years.

## 4 <br> TEACHERS

## 5635 <br> ELEMEMENTARY <br> EDUCATION

4332
SECONDARY
EDUCATION

# 10478 

TEACHERS

## 511

STAFF EMPLOYED IN SPECIAL NEEDS

EDUCATION

## ELEMENTARY EDUCATION

## DEFINITIONS

## APPOINTED ELEMEMENTARY SCHOOL TEACHER / OTHER PARTICIPANTS

Inthe context of the presentstatistics, 'appointed elemementary school teacher'refers to the elemementary school teacher who is holder of a elemementary school teacher's diploma or to the kindergarten teacher who has successfully passed the competitive examination giving him/her access to the position of preschool or elemementary school teacher as well as meeting the necessary qualifications set by the law of $6^{\text {th }}$ February 2009 regarding the staff of elementary education.

As other participants in an educational context are considered:

- Teaching assistants
- The holders of a teacher's diploma who have not passed the competitive admission's exam to the function of teacher;
- The holders of a certificate of qualification or a certificate of eligibility reserved for substitute teachers;
- The holders of a secondary enf-of-school diploma and of a replacement authorisation issued by the "Collège des Inspecteurs»;
- The "second interveners within early education", with educators' degrees, as well as all other staff intervening in the the elementary education, are also included in this category.


## CLASS TEACHER / SUPERNUMERARY TEACHERS

By "class teacher" is meant the teacher who in their class teaches all the subjects that are considered as core subjects, and who takes the educational responsibility in that class, particularly in what concerns the pupils' educational advancement. The head teacher is the person of reference for the pupils and their parents.

Article 4 of the law of $6^{\text {th }}$ February 2009 regarding the staff of the elementary education fixes the normal weekly workload of a teacher of the first cycle at 25 hours of in-class instruction. The normal weekly workload of teachers of the second, third and fourth cycle entails 23 hours of direct instruction.
To this workload are added 54 hours of annual pedagogical support as well as 26 hours of annual work in the interest of the students and the school.
The difference between weekly lessons to be held by the teachers and the pupils' standard schedule (28 weekly hours) is either to be fulfilled by the class teacher in the form of overtime hours, or by "speciallyassigned support teachers" that intervene in several classes.

## TEACHERS

ELEMENTARY EDUCATION

DISTRIBUTION OF APPOINTED TEACHERS AND OTHER PARTICIPANTS IN EDUCATION

|  | Class teachers / other participants 2015-2016 |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Level | Class teachers | Other participants | Total |  |  |
| Cycle 1 Early childhood | 305 | $54,0 \%$ | 260 | $46,0 \%$ | 565 |
| Cycle 1 Pre-primary | 765 | $87,0 \%$ | 180 | $19,0 \%$ | 945 |
| Cycle 2-4 Primary | 2845 | $75,7 \%$ | 912 | $24,3 \%$ | 3757 |
| Cycles 1 to 4* | 260 | $70,7 \%$ | 108 | $29,3 \%$ | 368 |
| Total | 4175 | $74,1 \%$ | 1460 | $25,9 \%$ | 5635 |

* teachers assigned to different levels of education


In cycle 1 of elementary education, the education is primarily in the hands of the teachers who have successfully passed the competitive examination giving them access to their post.
The eligibility to this competitive examination is subject to the condition that one is holder of a bachelor in educational sciences or of a diploma of higher studies that prepares for the teacher's profession and is recognised by the Ministry of National Education.

The interveners in pre-school education can be class teachers, special support teacher in one or several classes, assistant teacher in early education, assistant teachers providinig language support in Luxembourgish and assistants in class.

Furthermore, it is possible to differentiate between appointed teachers and other support or assistant teachers who provide pre-school education per se or early childhood education.

## CYCLE 1 OF THE ELEMENTARY EDUCATION

## Breakdown by gender and age group

The distribution of the teaching staff of the cycle 1 by gender is unquestionably in favour of women. Indeed, pre-school education counts 1449 female personnel compared to only 61 male personnel, or $96.0 \%$ compared to only $4.0 \%$ respectively.

| age range | Cycle 1-2015-2016 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Female | Male | Total | \% |
| $<25$ | 65 | 5 | 70 | 4,6\% |
| 25-29 | 234 | 16 | 250 | 16,6\% |
| 30-34 | 280 | 16 | 296 | 19,6\% |
| 35-39 | 249 | 8 | 257 | 17,0\% |
| 40-44 | 260 | 8 | 268 | 17,7\% |
| 45-49 | 149 | 1 | 150 | 9,9\% |
| 50-54 | 104 | 5 | 109 | 7,2\% |
| 55-59 | 99 | 1 | 100 | 6,6\% |
| >60 | 9 | 1 | 10 | 0,7\% |
| Total | 1449 | 61 | 1510 | 100,0\% |
| \% | 96,0\% | 4,0\% | 100,0\% |  |



In the elementary education cycle 2-4, education is primarily insured by teachers who have passed a competitive examination giving them access to their post. The eligibility provided to this competitive examination is under the condition that one is holder of a diploma of higher studies of at least three years which is recognised by the Ministry of National Education.

The personnel in the cycles 2 to 4 of the elementary education and those in several orders of education are $75.3 \%$ appointed teachers and $24.7 \%$ other staff.

CYCLE 2-4 OF THE ELEMENTARY EDUCATION

## Breakdown by gender and age group

The cycles 2 to 4 are characterised by a majority of female teachers rather than male teachers. Although this numeric supremacy may not be as significant as for the pre-school education, it reaches nonetheless $75.8 \%$ of the entire personnel. However, one notices that the female part of the teaching staff is on the rise.


## GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

In the general secondary and technical secondary education, education is primarily provided by teachers who have successfully accomplished their educational training period. One is only eligible to this educational training after successfully passing a competitive recruiting examination in the respective specialty. The eligibility to this competitive recruiting is under the condition that one holds a diploma of higher education of at least four years which is recognised by the Ministry of National Education.

The teaching staff of the general secondary and the technical secondary education, which is formed by a total number of 4332 professors, is distributed as follows:

|  |  |  |  |  |  |
| :--- | :---: | ---: | :---: | :---: | :---: |
| Civil servant teachers / Assigned teachers 2015-2016 |  |  |  |  |  |
|  | Civil servant teachers | Assigned teachers | Total |  |  |
| Female | 1852 | $83,3 \%$ | 372 | $16,7 \%$ | $\mathbf{2 2 2 4}$ |
| Male | 1702 | $80,7 \%$ | 406 | $19,3 \%$ | $\mathbf{2 1 0 8}$ |
| Total | 3554 | $82,0 \%$ | 778 | $18,0 \%$ | $\mathbf{4 3 3 2}$ |

## Breakdown by gender and age group

In 2015/2016, the distribution between male and female teaching staff of the general secondary and the technical secondary education is, unlike for elementary education, more or less equal for both genders. Among the younger age groups, the ratio is in favour of women.

| age range | 2015-2016 |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Female | Male | Total | \% |
| $<25$ | 25 | 7 | 32 | 0,7\% |
| 25-29 | 320 | 186 | 506 | 11,7\% |
| 30-34 | 524 | 448 | 972 | 22,4\% |
| 35-39 | 395 | 342 | 737 | 17,0\% |
| 40-44 | 223 | 285 | 508 | 11,7\% |
| 45-49 | 290 | 293 | 583 | 13,5\% |
| 50-54 | 250 | 280 | 530 | 12,2\% |
| 55-59 | 153 | 210 | 363 | 8,4\% |
| >60 | 44 | 57 | 100 | 2,3\% |
| Total | 2224 | 2108 | 4332 | 100,0\% |
| \% | 51,3\% | 48,7\% | 100,0\% |  |



## TEACHERS

SPECIAL NEEDS EDUCATION

The special needs education is characterised by a much wider range of personnel. Contrary to elementary education and general secondary and technical secondary education where the education is primarily guaranteed by teachers, the special needs education includes a staff with very specific qualifications.

The workforce of the special needs education includes:

| 2015-2106 | Special needs | Speech therapy | Total |
| :---: | :---: | :---: | :---: |
| Direction | 2,5 | 1 | 3,5 |
| Graduate teaching assistants | 109,1 | 7,5 | 116,6 |
| Teaching assistants | 57,25 | 3,5 | 60,75 |
| Instructors | 6,75 |  | 6,75 |
| Teachers | 19 | 20,75 | 39,75 |
| Elementary school speech therapists |  |  |  |
| Swimming instructors | 4 | 1 | 5 |
| Pedagogues | 79,5 |  | 79,5 |
| Secondary school speech therapists |  | 44 | 44 |
| Health professions | 52,75 |  | 52,75 |
| Psychologists | 35,25 | 1,5 | 36,75 |
| Support teachers | 10,4 | 5,5 | 15,9 |
| Administrative staff | 9,75 | 6,5 | 16,25 |
| Technical staff | 23,72 | 10 | 33,72 |
| Total | 409,97 | 101,25 | 511,22 |

## 5 <br> SCHOOLS

36 PUBLIC POSTPRIMARY EDUCATION

# 157 

PUBLIC ELEMENTARY EDUCATION


PRIVATE POSTPRIMARY EDUCATION

.
PRIVATE ELEMENTARY EDUCATION

## 9

POSTPRIMARY INTERNATIONAL SCHOOLS

13
INTERNATIONAL PRIMARY SCHOOLS

## ELEMENTARY EDUCATION

## LIST OF SCHOOL SCHOOLS BY GRADE AND COMMUNE

The 47766 pupils attending elementary education are distributed over the 106 Luxembourgish communes as follows:

| Commune | List of schools by grade and commune 2015-2016 |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Cycle 1 Early childhood pupils groups |  | Cycle 1 Pre-primary pupils classes |  | Cycle 2-4 Primary pupils classes |  | Total |  | schools |  |
| Äerenzdall | 28 | 2 | 63 | 5 | 214 | 13 | 305 | 20 |  | 1 |
| Beaufort | 34 | 2 | 65 | 4 | 223 | 16 | 322 | 22 |  | 1 |
| Beckerich | 19 | 1 | 41 | 3 | 134 | 12 | 194 | 16 |  | 1 |
| Berdorf | 20 | 1 | 45 | 3 | 118 | 8 | 183 | 12 |  | 1 |
| Bertrange | 47 | 3 | 120 | 8 | 353 | 23 | 520 | 34 |  | 1 |
| Bettembourg | 75 | 5 | 216 | 12 | 647 | 41 | 938 | 58 |  | 3 |
| Bettendorf | 16 | 1 | 51 | 4 | 180 | 15 | 247 | 20 |  | 1 |
| Betzdorf | 51 | 3 | 102 | 6 | 284 | 19 | 437 | 28 |  | 1 |
| Bissen | 20 | 4 | 71 | 5 | 215 | 12 | 306 | 21 |  | 1 |
| Biwer | 15 | 1 | 38 | 2 | 106 | 8 | 159 | 11 |  | 1 |
| Boevange/Attert | 25 | 1 | 50 | 4 | 149 | 12 | 224 | 17 |  | 1 |
| Bourscheid | 14 | 1 | 40 | 2 | 99 | 6 | 153 | 9 |  | 1 |
| Bous | 10 | 1 | 27 | 2 | 81 | 6 | 118 | 9 |  | 1 |
| Clervaux | 48 | 2 | 109 | 6 | 312 | 18 | 469 | 26 |  | 1 |
| Colmar-Berg | 23 | 1 | 42 | 3 | 135 | 9 | 200 | 13 |  | 1 |
| Consdorf | 21 | 1 | 43 | 3 | 120 | 9 | 184 | 13 |  | 1 |
| Contern | 26 | 1 | 62 | 5 | 186 | 13 | 274 | 19 |  | 1 |
| Dalheim | 21 | 1 | 48 | 3 | 116 | 7 | 185 | 11 |  | 1 |
| Diekirch | 53 | 3 | 109 | 8 | 350 | 20 | 512 | 31 |  | 1 |
| Differdange | 238 | 13 | 602 | 41 | 1901 | 131 | 2741 | 185 |  | 5 |
| Dippach | 20 | 1 | 61 | 4 | 216 | 15 | 297 | 20 |  | 1 |
| Dudelange | 127 | 7 | 450 | 27 | 1354 | 86 | 1931 | 120 |  | 6 |
| Echternach | 37 | 2 | 89 | 3 | 352 | 25 | 478 | 30 |  | 1 |
| Ell | 19 | 1 | 23 | 1 | 90 | 6 | 132 | 8 |  | 1 |
| Erpeldange | 11 | 1 | 47 | 3 | 144 | 9 | 202 | 13 |  | 1 |
| Esch-sur-Alzette | 207 | 9 | 771 | 25 | 2323 | 79 | 3301 | 113 |  | 8 |
| Esch-sur-Sûre | 24 | 1 | 50 | 4 | 174 | 12 | 248 | 17 |  | 1 |
| Ettelbruck | 46 | 3 | 169 | 6 | 560 | 37 | 775 | 46 |  | 1 |
| Feulen | 22 | 1 | 57 | 4 | 144 | 10 | 223 | 15 |  | 1 |
| Fischbach | 21 | 1 | 32 | 2 | 100 | 6 | 153 | 9 |  | 1 |
| Frisange | 30 | 2 | 89 | 6 | 221 | 13 | 340 | 21 |  | 1 |

SCHOOLS
ELEMENTARY EDUCATION


## ELEMENTARY EDUCATION



## SCHOOLS

ESTABLISHMENTS COMMUNITIES

Since 1st January 2012, the Grand-Duchy of Luxembourg counts 106 communes, among which a few have regrouped their total number of pupils within a schooling community.

| Community | Affiliated communes | Location | Creation date |
| :--- | :--- | :--- | :---: |
| Billek (anc. Dreiborn) | Flaxweiler, Wormeldange | Dreiborn | 25.02 .1969 |
| Harlange | Boulaide, Lac de la Haute Sûre, Winseler | Harlange | 03.05 .1989 |
| Schoulkauz | Eschweiler, Kiischpelt | Wilwerwiltz | 26.03 .1994 |
| Sispolo | Parc Hosingen, Putscheid | Parc Hosingen | 05.03 .1991 |
| Synécosport | Bech, Manternach | Berbourg | 20.05 .1993 |

## GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

## LIST OF SCHOOLS AND STUDENT DISTRIBUTION

For the general secondary and the technical secondary education, it is appropriate to list all the schools of both public and private education that follow the official national curriculum. Certain secondary schools offer both general and technical secondary education.

| Public schools 2015-2016 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Number of pupils |  |  |
| Name of school | ES | EST | TOTAL |
| Lycée technique Mathias Adam (LTMA), Pétange | 77 | 1933 | 2010 |
| Lycée technique du Centre (LTC), Luxembourg** | 82 | 1926 | 2008 |
| Lycée classique Diekirch (LCD), Diekirch et Mersch | 1249 | 677 | 1926 |
| Lycée technique de Bonnevoie(LTB), Luxembourg |  | 1801 | 1801 |
| Lycée des Arts et Métiers (LAM), Luxembourg | 4 | 1792 | 1796 |
| Lycée Nic-Biever (LNB), Dudelange | 327 | 1269 | 1596 |
| Lycée technique d'Esch-Alzette (LTE), Esch-sur-Alzette | 12 | 1528 | 1540 |
| Lycée technique de Lallange (LTL), Esch-sur-Alzette | 74 | 1434 | 1508 |
| Lycée Aline-Mayrisch (LAML), Luxembourg | 1139 | 255 | 1394 |
| Lycée technique Michel Lucius (LTML), Luxembourg** | 308 | 1084 | 1392 |
| Lycée du Nord (LN), Wiltz | 372 | 999 | 1371 |
| Lycée Michel Rodange (LMRL), Luxembourg | 1344 | 27 | 1371 |
| Athénée de Luxembourg (AL), Luxembourg** | 1336 |  | 1336 |
| Lycée technique d'Ettelbruck (LTETT), Ettelbruck |  | 1156 | 1156 |
| Lycée Josy Barthel (LJBM), Mamer | 157 | 992 | 1149 |
| Atert-Lycée Redange (ALR), Redange | 446 | 676 | 1122 |
| Lycée de Garçons Luxembourg (LGL), Luxembourg | 1072 |  | 1072 |
| Lycée classique Echternach (LCE), Echternach | 709 | 351 | 1060 |
| Lycée de Garçons Esch-sur-Alzette (LGE), Esch-sur-Alzette | 1060 |  | 1060 |
| Lycée Bel-Val (LBV), Belvaux |  | 967 | 967 |
| Lycée technique pour professions de santé (LTPS), Luxembourg, Esch-sur-Alzette et Ettelbruck |  | 953 | 953 |
| Maacher Lycée (MLG), Grevenmacher | 75 | 785 | 860 |
| Lycée Robert Schuman (LRSL), Luxembourg | 819 | 13 | 832 |
| Lycée Hubert Clement (LHCE), Esch-sur-Alzette | 756 |  | 756 |

** AL, LTC, LTML incl international classes

SCHOOLS
GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

| Public schools 2015-2016 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Number of pupils |  |  |
| Name of school | ES | EST | TOTAL |
| Lycée technique pour professions éducatives et sociales (LTPES), Beringen / Mersch |  | 746 | 746 |
| Lycée Ermesinde (LEM, anc. NL), Beringen / Mersch | 393 | 231 | 624 |
| Nordstad-Lycée (NOSL), Diekirch | 47 | 507 | 554 |
| Lycée technique agricole (LTA), Ettelbruck |  | 463 | 463 |
| Lënster Lycée (LLJ), Junglinster | 64 | 361 | 425 |
| Lycée technique Ecole de Commerce et de Gestion (LTECG), Luxembourg |  | 420 | 420 |
| Sportlycée Luxembourg (SLL), Luxembourg | 278 | 71 | 349 |
| Lycée technique Hôtelier Alexis Heck (LTHAH), Diekirch |  | 264 | 264 |
| École de la 2e chance (E2C), Pétange | 5 | 143 | 148 |
| Centre national de formation professionnelle continue Esch-sur-Alzette (CNFPC) |  | 122 | 122 |
| Centre national de formation professionnelle continue Ettelbruck (CNFPC-E) |  | 79 | 79 |
| Centre socio-éducatif de l'Etat (CSEE), Dreiborn |  | 43 | 43 |
| Service de la Formation Professionnelle (SFP), Luxembourg |  | 24 | 24 |
| Centre de Logopédie (CL), Luxembourg |  | 15 | 15 |
| Total Public | 12205 | 24107 | 36312 |


| Private schools* 2015-2016 |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Number of pupils |  |  |
| Name of school | ES | EST | TOTAL |
| Ecole Privée Fieldgen (Ste Famille), Luxembourg | 253 | 1148 | 1401 |
| Ecole Privée Ste Anne, Ettelbruck |  | 1001 | 1001 |
| Ecole Privée Marie Consolatrice, Esch-sur-Alzette |  | 552 | 552 |
| Lycée technique privé Emile Metz, Luxembourg |  | 550 | 550 |
| Ecoles Privées Notre-Dame Ste Sophie, Luxembourg |  | 167 | 167 |
| Total Private* | 253 | 3418 | 3671 |


| $\qquad$ | Total number of students ES and EST | 2015-2016 |  |  |
| :--- | ---: | ---: | ---: | ---: |

## LIST OF SCHOOLS AND STUDENT DISTRIBUTION

For the "Schengen-Lyzeum Perl" and the private and international schools that do not follow the official national curriculum, the students are distributed among the different establishments and different educational levels as follows:

| Private and international schools and cross border school 2015-20 |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number of pupils |  |  |  |  |  |  |
| Name of school | Early childhood | Pre-primary | Primary | General second. | Technical second. | TOTAL |
| European School of Luxembourg ( $1+\\|$ ) |  | 805 | 2189 | 2519 |  | 5513 |
| International School of Luxembourg | 30 | 135 | 455 | 724 |  | 1344 |
| Lycée Vauban |  |  |  | 1232 | 42 | 1274 |
| Schengen-Lyzeum Perl |  |  |  | 571 | 251 | 822 |
| St George's International School | 56 | 77 | 346 | 229 |  | 708 |
| Ecole maternelle et primaire francoophone | 68 | 138 | 418 |  |  | 624 |
| Ecoles Privées Notre-Dame Ste Sophie | 25 | 142 | 386 | 63 |  | 616 |
| Ecole Waldorf - Fräi-Öffentlech Waldorfschoul | 25 | 76 | 151 | 169 |  | 421 |
| Ecole Privée Grandjean Luxembourg |  |  |  |  | 136 | 136 |
| Over The Rainbow | 36 | 43 | 46 |  |  | 125 |
| Montessori L'Enfant Roi | 20 | 54 | 24 |  |  | 98 |
| Ecole Charlemagne Luxembourg | 13 | 17 | 55 |  |  | 85 |
| LES POUSSINS Bonnevoie | 26 | 22 |  |  |  | 48 |
| MINI COLLEGE Kirchberg | 15 | 18 |  |  |  | 33 |
| Scuola Materna Italiana |  | 13 |  |  |  | 13 |
| Total | 314 | 1540 | 4070 | 5507 | 429 | 11860 |

# 6 <br> BUDGET OF THE NATIONAL EDUCATION 

### 2.03 Billion €

EDUCATION BUDGET

The funding of education is a very vast domain that requires several aspects to be taken into account. On the one hand, there are public funds invested by the administrations. The national investments are shared on a national and communal level. On the other hand, one should differentiate between private funds that are invested by private households or by potential partners of the private sector.

In the present chapter, the analysis regards first and foremost the expenses of the Ministry of National Education. In it, the different budget items as well as their evolution over the past years are detailed.

However, in order to determine the real cost of education in Luxembourg, it is appropriate to also consider the public funds invested by certain other ministries (transport, public buildings, ...), by the communes or by international organisations as well as private investors.

All these investments are taken into account in the second part of this chapter for the determination of financial indicators of education. The indicators most commonly used on an international level will be clarified and calculated for Luxembourg.

BUDGET OF THE NATIONAL EDUCATION
GENERAL PRESENTATION OF THE BUDGET - 2016

| Budgetary provisions 2016 |  |
| :---: | :---: |
| Rubric | Amount |
| General expenses | 23097801 € |
| Centre of IT management in Education (CGIE) | 7669090 € |
| Department of Coordination of Research, Pedagogical and Technological Innovation (SCRIPT) | 6209433 € |
| Centre for Psychology and School Orientation (CPOS) | 7784554 € |
| School and extracurricular sports | 2107608 € |
| Private educational institutions | $82890530 €$ |
| Department of school meal catering | $13697039 €$ |
| Special needs education | 55016528 € |
| Department of adult education | 4755201 € |
| Inspectorate | 5022091 € |
| Elementary education | 570020039 € |
| Secondary and technical secondary education | 614496321 € |
| National insitute of languages | 10634118 € |
| Vocational training | 78881512 € |
| Children and Youth - General expenses* | 425148344 € |
| State "Children Homes"* | 8448445 € |
| Socio-educational State Centres* | $12534414 €$ |
| National Children Office* | 83018442 € |
| National Youth Department* | 15505908 € |
| National Institute of Education Training | 5757283 € |
| Total | 2032694701 € |

EVOLUTION

In order to gauge the evolution of the public budget that is dedicated to National Education each year, it is appropriate to consider the budgetary sections that are highly specific to the budget of the Ministry of National Education rather than the former's entire budget. Indeed, the portfolios and responsibilities of the different ministries have considerably varied with regards to education over the course of the past years.

Considering the structural modifications of the budget as well as the missions of the Ministry of National Education, Children and Youth over the past years, the table below contains the different budget headings related to the educational system.

| Rubric | Budget evolution (in thousands of euros) |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| General expenses | 8111 | 7248 | 6818 | 6255 | 14843 | 18763 | 17430 | 16149 | 21164 | 23098 |
| CGIE | 3510 | 3598 | 3605 | 3749 | 3728 | 3761 | 3879 | 5783 | 6333 | 7669 |
| SCRIPT | 4986 | 5170 | 7206 | 6463 | 5859 | 6721 | 7226 | 7307 | 8402 | 6209 |
| CPOS | 3719 | 3869 | 6710 | 4370 | 4393 | 4508 | 7129 | 7373 | 7333 | 7785 |
| School and extracurricular sports | 1720 | 1731 | 1778 | 2056 | 2041 | 2183 | 1461 | 2100 | 2122 | 2108 |
| Private educational institutions | 57452 | 59183 | 65650 | 72322 | 83346 | 84759 | 93081 | 77769 | 81881 | 82891 |
| Department of school meal catering | 5008 | 5279 | 3078 | 5445 | 5640 | 6767 | 7041 | 7396 | 10293 | 13697 |
| Special needs education | 37765 | 38464 | 39518 | 40606 | 41427 | 44676 | 48917 | 49750 | 54925 | 55017 |
| Department of adult education | 8841 | 9260 | 9641 | 9689 | 2588 | 3117 | 3281 | 3668 | 4381 | 4755 |
| Inspectorate | 3037 | 3324 | 3596 | 4047 | 4410 | 4396 | 4154 | 4166 | 4625 | 5022 |
| Elementary education | 246079 | 291127 | 311935 | 437485 | 452170 | 507087 | 525475 | 545152 | 560511 | 570020 |
| Secondary and technical secondary education | 417628 | 426055 | 456825 | 489170 | 499985 | 524110 | 545879 | 548763 | 583123 | 614496 |
| National insitute of languages | - | - | - | 195 | 7274 | 8111 | 7598 | 7463 | 10566 | 10634 |
| Vocational training | 36305 | 43095 | 47001 | 47597 | 45493 | 84691 | 85734 | 75750 | 78802 | 78882 |
| Total without departments of Children and Youth | 834161 | 897405 | 963361 | 1129447 | 1173198 | 1303649 | 1358285 | 1358589 | 1434461 | 1482282 |
| Children and Youth - General expenses* | - | - | - | - | - | - | - | 330206 | 386320 | 425148 |
| State "Children Homes"* | - | - | - | - | - | - | - | 7451 | 7862 | 8448 |
| Socio-educational State Centres* | - | - | - | - | - | - | - | 9766 | 11154 | 12534 |
| National Children Office* | - | - | - | - | - | - | - | 73407 | 80324 | 83018 |
| National Youth Department* | - | - | - | - | - | - | - | 10401 | 12798 | 15506 |
| National Institute of Education Training | - | - | - | - | - | - | - | - | - | 5757 |
| Total | 834161 | 897405 | 963361 | 1129447 | 1173198 | 1303649 | 1358285 | 1789819 | 1932919 | 2032695 |

[^0]The total of headings under consideration reveals a constant rise of the budget dedicated to National Education.

EVOLUTION OF THE BUDGET FOR NATIONAL EDUCATION


FINANCIAL INDICATORS OF EDUCATION - 2014

The first part of this chapter has detailed the budget of the National Education and its evolution in the course of the past years.

However, in order to determine the effective cost of education, it is not enough to consider the budget of the Ministry of National Education. Every other direct or indirect financial sponsor of education, whether they be public (State, communes, ...) or private (households, companies, ...), and all other satellite expenditures related to education must also be taken into account in order to determine the total cost.

In Luxembourg, an exhaustive analysis of these expenditures has been carried out annually since 2002. The figures included in the following are those regarding the budgetary year 2014.

Thus, in 2014, the Luxembourgish state and the 106 communes which it is made up of, have invested more than a billion euros to finance the Luxembourgish school system. This substantial amount is distributed over the student population attending elementary education and general secondary and technical secondary education.

The costs generated by a school system translate into three types of expenses: the expenditures related to the salaries and wages of the teaching and the non-teaching staff, the operating expenditures and capital expenditures. Considering these three different types of expenditures, it is possible to determine the effective cost of the Luxembourgish school system.

## EXPENDITURE DISTRIBUTION BY ALLOCATION AND FINANCIAL SOURCE

| Source | Elementary education | General sec. education | Technical sec. education | Total |
| :---: | :---: | :---: | :---: | :---: |
| Ministère de l'Éducation nationale, de l'Enfance et de la Jeunesse | 541532550 € | 209333959 € | 394869225 € | $1145735734 €$ |
| Communes | 302877873 € |  |  | 302877873 € |
| Administration des Bâtiments publics | 102888 € | $34847140 €$ | $55567200 €$ | 90517228 € |
| Ministère de la Fonction publique et de la Réforme administrative | 34477415 € | 11668999 € | 21738362 € | 67884776 € |
| Ministère de la Famille | 6572143 € | 3106564 € | 5769771 € | 15448478 € |
| Ministère de l'Intérieur | 20912792 € |  |  | 20912792 € |
| Ministère des Transports |  | 14057642 € | 26109033 € | 40166675 € |
| Ministère de la Santé | 202092 € | 56636 € | 105188 € | 363916 € |
| Landkreis Merzig-Wadern |  | 403480 € |  | 403480 € |
| Total | 906677753 € | 273474420 € | 504158779 € | $1684310952 €$ |


| Source | Elementary <br> education | General sec. <br> education | Technical sec. <br> education | Total |
| :--- | ---: | ---: | ---: | ---: |
| Salaries and wages of <br> teaching staff | $689146592 €$ | $192827499 €$ | $357888779 €$ | $1239862870 €$ |
| Salaries and wages of <br> non-teaching staff | $12592233 €$ | $14238031 €$ | $26509784 €$ | $53340048 €$ |
| Operating expenditures | $144495575 €$ | $31600654 €$ | $66372908 €$ | $242469137 €$ |
| Capital expenditures | $60443353 €$ | $34808235 €$ | $53387309 €$ | $148638897 €$ |
| Total | $906677753 €$ | $273474419 €$ | $504158780 €$ | $1684310952 €$ |

FINANCIAL INDICATORS OF EDUCATION - 2014

The primary funders of the Luxembourgish educational system remain the Ministry of National Education and the communes, followed by the administration of public buildings and the Ministry of Public Service and of Administrative Reform.

Over $70 \%$ of the entire expenditures are invested in the salaries and wages of the teaching personnel. Then there are current expenditures, capital expenditures and the payment of salaries and wages of the non-teaching personnel.

# 7 <br> NATIONALITY AND LANGUAGE SPOKEN 

576200
POPULATION

## 47\%

Percentage of other nationalities in the population

## 43\%

PERCENTAGE OF OTHER NATIONALITIES AMONG THE STUDENS

DEMOGRAPHIC CONTEXT

## LUXEMBOURGISH POPULATION - EVOLUTION

The demographic context of the Grand-Duchy of Luxembourg is unique in the European Union. The population census of 1st January 2016 (STATEC) counts a total of 576200 residents among which 269200 (= 46.7\%) people are of foreign nationality. The Portuguese community, representing $16.2 \%$ of de population residing in Luxembourg, represents the largest foreign population.

|  | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Luxembourgish | 285.700 | 291.900 | 295.000 | 298.200 | 300.800 | 304.300 | 307.000 |
| Portuguese | 79.800 | 82.400 | 85.300 | 88.200 | 90.800 | 92.100 | 93.100 |
| other nationality | 136.600 | 138.100 | 144.600 | 150.600 | 158.100 | 166.600 | 176.100 |
| Total | 502.100 | 512.400 | 524.900 | 537.000 | 549.700 | 563.000 | 576.200 |

The ratio of nationalities (Luxembourgish and others) as well as the first spoken language at the home of the student represent two unique aspects of the Luxembourgish educational system. In what follows, these specificities will be analysed for the different educational levels.

ELEMENTARY EDUCATION

## NATIONALITIES IN ELEMENTARY EDUCATION - EVOLUTION

| Cycle 1 <br> early <br> childhood |  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Luxembourgish | 2.237 | 2.249 | 2.377 | 2.288 | 2.413 | 2.263 | 2.389 |
|  | Portuguese | 941 | 857 | 892 | 867 | 851 | 807 | 706 |
|  | other nationality | 927 | 855 | 989 | 986 | 1.019 | 975 | 1.088 |
| Cycle 1 <br> Pre-primary | Luxembourgish | 5.018 | 5.266 | 5.483 | 5.653 | 5.673 | 5.859 | 5.987 |
|  | Portuguese | 2.619 | 2.535 | 2.529 | 2.590 | 2.575 | 2.509 | 2.450 |
|  | other nationality | 2.389 | 2.394 | 2.422 | 2.497 | 2.500 | 2.580 | 2.590 |
| Cycles 2-4 <br> Primary | Luxembourgish | 17.427 | 16.808 | 16.342 | 15.976 | 15.854 | 15.947 | 17.545 |
|  | Portuguese | 8.141 | 8.330 | 8.533 | 8.600 | 8.536 | 8.491 | 7.900 |
|  | other nationality | 6.744 | 6.958 | 7.394 | 7.399 | 7.504 | 7.714 | 7.111 |
| Total | Luxembourgish | 24.682 | 24.323 | 24.202 | 23.917 | 23.940 | 24.069 | 25.921 |
|  | Portuguese | 11.701 | 11.722 | 11.954 | 12.057 | 11.962 | 11.807 | 11.056 |
|  | other nationality | 10.060 | 10.207 | 10.805 | 10.882 | 11.023 | 11.269 | 10.789 |
| Total |  | 46.443 | 46.252 | 46.961 | 46.856 | 46.925 | 47.145 | 47.766 |
| Cycle 1 <br> early <br> childhood | Luxembourgish | 54\% | 57\% | 56\% | 55\% | 56\% | 56\% | 57\% |
|  | Portuguese | 23\% | 22\% | 21\% | 21\% | 20\% | 20\% | 17\% |
|  | other nationality | 23\% | 22\% | 23\% | 24\% | 24\% | 24\% | 26\% |
| Cycle 1 <br> Pre-primary | Luxembourgish | 50\% | 52\% | 53\% | 53\% | 53\% | 54\% | 54\% |
|  | Portuguese | 26\% | 25\% | 24\% | 24\% | 24\% | 23\% | 22\% |
|  | other nationality | 24\% | 23\% | 23\% | 23\% | 23\% | 24\% | 23\% |
| Cycles 2-4 <br> Primary | Luxembourgish | 54\% | 52\% | 51\% | 50\% | 50\% | 50\% | 54\% |
|  | Portuguese | 25\% | 26\% | 26\% | 27\% | 27\% | 26\% | 24\% |
|  | other nationality | 21\% | 22\% | 23\% | 23\% | 24\% | 24\% | 22\% |
| Total | Luxembourgish | 53\% | 53\% | 52\% | 51\% | 51\% | 51\% | 54\% |
|  | Portuguese | 25\% | 25\% | 25\% | 26\% | 25\% | 25\% | 23\% |
|  | other nationality | 22\% | 22\% | 23\% | 23\% | 23\% | 24\% | 23\% |
| Total |  | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |

The rate of pupils of foreign nationality has constantly risen over the past years even though the number of pupils of Luxembourgish nationality remains more important. On the other hand, in 2015-2016 there is an increase in the rate of pupils of the Luxembourgish nationality.

ELEMENTARY EDUCATION

FIRST LANGUAGE SPOKEN AT HOME - EVOLUTION

| Cycle 1 <br> early <br> childhood |  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Luxembourgish | 1.692 | 1.627 | 1.661 | 1.538 | 1.674 | 1.594 | 1.645 |
|  | Portuguese | 1.118 | 1.063 | 1.106 | 1.124 | 1.061 | 1.005 | 935 |
|  | other language | 1.295 | 1.271 | 1.491 | 1.479 | 1.548 | 1.446 | 1.603 |
| Cycle 1 <br> Pre-primary | Luxembourgish | 4.095 | 3.945 | 3.899 | 3.876 | 3.769 | 3.864 | 3.939 |
|  | Portuguese | 2.780 | 2.902 | 3.035 | 3.151 | 3.175 | 3.146 | 3.054 |
|  | other language | 3.151 | 3.348 | 3.500 | 3.713 | 3.804 | 3.938 | 4.034 |
| Cycles 2-4 <br> Primary | Luxembourgish | 15.484 | 14.691 | 13.947 | 13.223 | 12.703 | 12.273 | 11.874 |
|  | Portuguese | 8.603 | 8.774 | 9.079 | 9.261 | 9.335 | 9.452 | 9.634 |
|  | other language | 8.225 | 8.631 | 9.243 | 9.491 | 9.856 | 10.427 | 11.048 |
| Total | Luxembourgish | 21.271 | 20.263 | 19.507 | 18.637 | 18.146 | 17.731 | 17.458 |
|  | Portuguese | 12.501 | 12.739 | 13.220 | 13.536 | 13.571 | 13.603 | 13.623 |
|  | other language | 12.671 | 13.250 | 14.234 | 14.683 | 15.208 | 15.811 | 16.685 |
| Total |  | 46.443 | 46.252 | 46.961 | 46.856 | 46.925 | 47.145 | 47.766 |
| Cycle 1 <br> early <br> childhood | Luxembourgish | 41\% | 41\% | 39\% | 37\% | 39\% | 39\% | 39\% |
|  | Portuguese | 27\% | 27\% | 26\% | 27\% | 25\% | 25\% | 22\% |
|  | other language | 32\% | 32\% | 35\% | 36\% | 36\% | 36\% | 38\% |
| Cycle 1 <br> Pre-primary | Luxembourgish | 41\% | 39\% | 37\% | 36\% | 35\% | 35\% | 36\% |
|  | Portuguese | 28\% | 28\% | 29\% | 29\% | 30\% | 29\% | 28\% |
|  | other language | 31\% | 33\% | 34\% | 35\% | 35\% | 36\% | 37\% |
| Cycles 2-4 <br> Primary | Luxembourgish | 48\% | 46\% | 43\% | 41\% | 40\% | 38\% | 36\% |
|  | Portuguese | 27\% | 27\% | 28\% | 29\% | 29\% | 29\% | 30\% |
|  | other language | 25\% | 27\% | 29\% | 30\% | 31\% | 32\% | 34\% |
| Total | Luxembourgish | 46\% | 44\% | 42\% | 40\% | 39\% | 38\% | 37\% |
|  | Portuguese | 27\% | 28\% | 28\% | 29\% | 29\% | 29\% | 29\% |
|  | other language | 27\% | 29\% | 30\% | 31\% | 32\% | 34\% | 35\% |
| Total |  | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |

In 2008/09, the Luxembourgish language loses its predominance as the first language spoken at home among the total number of pupils of elementary education. In 2015/2016, $63 \%$ of the pupils state that their first spoken language at home is another language than Luxembourgish, even though there are only $46 \%$ of foreign pupils in elementary education.

GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

## NATIONALITIES IN THE GENERAL SECONDARY AND THE TECHNICAL SECONDARY EDUCATION - EVOLUTION

| General secondary education |  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Luxembourgish | 10.372 | 10.417 | 10.475 | 10.339 | 10.049 | 9.815 | 9.657 |
|  | Portuguese | 845 | 848 | 884 | 893 | 923 | 871 | 876 |
|  | other nationality | 1.439 | 1.445 | 1.475 | 1.548 | 1.594 | 1.537 | 1.524 |
| Technical secondary education | Luxembourgish | 13.413 | 13.705 | 13.799 | 13.657 | 13.586 | 13.541 | 13.677 |
|  | Portuguese | 5.463 | 5.730 | 5.915 | 6.152 | 6.467 | 6.599 | 6.632 |
|  | other nationality | 3.473 | 3.474 | 3.474 | 3.500 | 3.607 | 3.585 | 3.698 |
| Preparatory (modular) | Luxembourgish | 918 | 959 | 1.010 | 1.021 | 1.031 | 1.045 | 1.015 |
|  | Portuguese | 877 | 946 | 979 | 1.042 | 1.054 | 1.120 | 1.125 |
|  | other nationality | 408 | 443 | 454 | 476 | 507 | 554 | 533 |
| Reception and integration classes | Luxembourgish | 146 | 175 | 139 | 186 | 148 | 146 | 147 |
|  | Portuguese | 299 | 240 | 323 | 369 | 360 | 297 | 276 |
|  | other nationality | 187 | 207 | 237 | 224 | 238 | 265 | 422 |
| Total | Luxembourgish | 24.849 | 25.256 | 25.423 | 25.203 | 24.814 | 24.547 | 24.496 |
|  | Portuguese | 7.484 | 7.764 | 8.101 | 8.456 | 8.804 | 8.887 | 8.909 |
|  | other nationality | 5.507 | 5.569 | 5.640 | 5.748 | 5.946 | 5.941 | 6.177 |
| Total |  | 37.840 | 38.589 | 39.164 | 39.407 | 39.564 | 39.375 | 39.582 |
| General secondary education | Luxembourgish | 82\% | 82\% | 82\% | 81\% | 80\% | 80\% | 80\% |
|  | Portuguese | 7\% | 7\% | 7\% | 7\% | 7\% | 7\% | 7\% |
|  | other nationality | 11\% | 11\% | 11\% | 12\% | 13\% | 13\% | 13\% |
| Technical secondary education | Luxembourgish | 60\% | 60\% | 60\% | 59\% | 57\% | 57\% | 57\% |
|  | Portuguese | 24\% | 25\% | 26\% | 26\% | 27\% | 28\% | 28\% |
|  | other nationality | 16\% | 15\% | 15\% | 15\% | 15\% | 15\% | 15\% |
| Preparatory (modular) | Luxembourgish | 42\% | 41\% | 41\% | 40\% | 40\% | 38\% | 38\% |
|  | Portuguese | 40\% | 40\% | 40\% | 41\% | 41\% | 41\% | 42\% |
|  | other nationality | 19\% | 19\% | 19\% | 19\% | 20\% | 20\% | 20\% |
| Reception and integration classes | Luxembourgish | 23\% | 28\% | 20\% | 24\% | 20\% | 21\% | 17\% |
|  | Portuguese | 47\% | 39\% | 46\% | 47\% | 48\% | 42\% | 33\% |
|  | other nationality | 30\% | 33\% | 34\% | 29\% | 32\% | 37\% | 50\% |
| Total | Luxembourgish | 66\% | 65\% | 65\% | 64\% | 63\% | 62\% | 62\% |
|  | Portuguese | 20\% | 20\% | 21\% | 21\% | 22\% | 23\% | 23\% |
|  | other nationality | 15\% | 14\% | 14\% | 15\% | 15\% | 15\% | 16\% |
| Total |  | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |

FIRST LANGUAGE SPOKEN AT HOME - EVOLUTION

| General secondary education |  | 2009/10 | 2010/11 | 2011/12 | 2012/13 | 2013/14 | 2014/15 | 2015/16 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Luxembourgish | 9.491 | 9.415 | 9.314 | 9.078 | 8.747 | 8.382 | 7.997 |
|  | Portuguese | 865 | 892 | 978 | 1.020 | 1.061 | 1.044 | 1.096 |
|  | other language | 2.300 | 2.403 | 2.542 | 2.682 | 2.758 | 2.797 | 2.964 |
| Technical secondary education | Luxembourgish | 11.842 | 11.782 | 11.598 | 11.180 | 10.933 | 10.522 | 10.185 |
|  | Portuguese | 5.627 | 6.065 | 6.439 | 6.808 | 7.188 | 7.468 | 7.694 |
|  | other language | 4.880 | 5.062 | 5.151 | 5.321 | 5.539 | 5.735 | 6.128 |
| Preparatory (modular) | Luxembourgish | 751 | 760 | 778 | 732 | 719 | 717 | 717 |
|  | Portuguese | 935 | 1.029 | 1.097 | 1.130 | 1.160 | 1.238 | 1.227 |
|  | other language | 517 | 559 | 574 | 677 | 713 | 764 | 729 |
| Reception and integration classes | Luxembourgish | 121 | 151 | 106 | 137 | 111 | 105 | 102 |
|  | Portuguese | 330 | 259 | 328 | 351 | 338 | 290 | 267 |
|  | other language | 181 | 212 | 265 | 291 | 297 | 313 | 476 |
| Total | Luxembourgish | 22.205 | 22.108 | 21.796 | 21.127 | 20.510 | 19.726 | 19.001 |
|  | Portuguese | 7.757 | 8.245 | 8.836 | 9.309 | 9.747 | 10.040 | 10.284 |
|  | other language | 7.878 | 8.236 | 8.532 | 8.971 | 9.307 | 9.609 | 10.297 |
| Total |  | 37.840 | 38.589 | 39.164 | 39.407 | 39.564 | 39.375 | 39.582 |
| General secondary education | Luxembourgish | 75\% | 74\% | 73\% | 71\% | 70\% | 69\% | 66\% |
|  | Portuguese | 7\% | 7\% | 8\% | 8\% | 8\% | 9\% | 9\% |
|  | other language | 18\% | 19\% | 20\% | 21\% | 22\% | 23\% | 25\% |
| Technical secondary education | Luxembourgish | 53\% | 51\% | 50\% | 48\% | 46\% | 44\% | 42\% |
|  | Portuguese | 25\% | 26\% | 28\% | 29\% | 30\% | 31\% | 32\% |
|  | other language | 22\% | 22\% | 22\% | 23\% | 23\% | 24\% | 26\% |
| Preparatory (modular) | Luxembourgish | 34\% | 32\% | 32\% | 29\% | 28\% | 26\% | 27\% |
|  | Portuguese | 42\% | 44\% | 45\% | 45\% | 45\% | 46\% | 46\% |
|  | other language | 23\% | 24\% | 23\% | 27\% | 28\% | 28\% | 27\% |
| Reception and integration classes | Luxembourgish | 19\% | 24\% | 15\% | 18\% | 15\% | 15\% | 12\% |
|  | Portuguese | 52\% | 42\% | 47\% | 45\% | 45\% | 41\% | 32\% |
|  | other language | 29\% | 34\% | 38\% | 37\% | 40\% | 44\% | 56\% |
| Total | Luxembourgish | 59\% | 57\% | 56\% | 54\% | 52\% | 50\% | 48\% |
|  | Portuguese | 20\% | 21\% | 23\% | 24\% | 25\% | 25\% | 26\% |
|  | other language | 21\% | 21\% | 22\% | 23\% | 24\% | 24\% | 26\% |
| Total |  | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% | 100\% |

## NATIONALITIES AND TRANSITION FROM ELEMENTARY EDUCATION TOWARDS GENERAL SECONDARY AND TECHNICAL SECONDARY EDUCATION

The following graph informs about the decisions of orientation (at the end of cycle 4.2) for the students of Luxembourgish, Portuguese and any other nationality in the course of the transition from the elementary education towards the general secondary and the technical secondary education in 2015/2016.


NATIONALITIES AND DISTRIBUTION IN THE DIFFERENT EDUCATIONAL LEVELS

## NATIONALITIES AND ISSUED DIPLOMAS/CERTIFICATES

The graph below informs about the distribution of diplomas or certificates obtained in 2015/2016 by the students of Luxembourgish or Portuguese nationality and any other nationality.


# 8 <br> ENROLLED STUDENTS - GLOBAL VIEW 

# 100527 PUPILS 

## 5237

END-OF-SCHOOL DIPLOMAS
AND
CERTIFICATES

## STUDENT DISTRIBUTION BY NATIONALITY AND EDUCATIONAL ORDER

Traditionally the statistics of the Ministry of National Education only inform on the public and private schools that follow the official national curriculum.
Given that on the one hand international statistics always consider the totality of the resident population, and that on the other hand it is useful to have a complete overview on the educational situation of the youth living in Luxembourg, an additional chapter concerning certain elements of this global overview has been introduced since 2007/2008.

In 2015/2016, 87348 students have attended public or private schools that follow the official national curricula (not counting the students in special needs education) and 12261 students have attended a private or international school that does not have to teach according to the official national curricula (see p. 74).

The following table describes the student distribution by nationality and by educational level in Luxembourg for the schoolyear 2015/2016.


| Cycle 1 - Early childhood | Luxembourgers | Foreigners | TOTAL |
| :---: | :---: | :---: | :---: |
| Public and private schools* | 2389 | 1794 | 4183 |
| Private and international schools** | 21 | 293 | 314 |
| TOTAL | 2410 | 2087 | 4497 |
|  | 53,6\% | 46,4\% |  |
| Cycle 1 - Pre-primary | Luxembourgers | Foreigners | TOTAL |
| Public and private schools* | 5987 | 5040 | 11027 |
| Private and international schools** | 105 | 1435 | 1540 |
| TOTAL | 6092 | 6475 | 12567 |
|  | 48,5\% | 51,5\% |  |
| Cycle 2-4 Primary | Luxembourgers | Foreigners | TOTAL |
| Public and private schools* | 17545 | 15011 | 32556 |
| Private and international schools** | 265 | 3805 | 4070 |
| TOTAL | 17810 | 18816 | 36626 |
|  | 48,6\% | 51,4\% |  |
| General secondary education | Luxembourgers | Foreigners | TOTAL |
| Public and private schools* | 9657 | 2400 | 12057 |
| Private and international schools** | 820 | 5088 | 5908 |
| TOTAL | 10477 | 7488 | 17965 |
|  | 58,3\% | 41,7\% |  |
| Technical secondary education | Luxembourgers | Foreigners | TOTAL |
| Public and private schools* | 14839 | 12686 | 27525 |
| Private and international schools** | 185 | 244 | 429 |
| TOTAL | 15024 | 12930 | 27954 |
|  | 53,7\% | 46,3\% |  |

* Education following the official national curriculum
** Education not following the official national curriculum

DISTRIBUTION OF DIPLOMAS AND CERTIFICATES

## DISTRIBUTION OF DIPLOMAS AND CERTIFICATES

The distribution of diplomas and certificates that have been issued in 2015/2016 can be seen in the following table:

| Diplomas |  |  |  |
| :---: | :---: | :---: | :---: |
|  | public and private schools* | private and international schools** | TOTAL |
| End-of-secondary-school diploma | 1539 | 700 | 2239 |
| End-of-technical-secondary-school diploma | 1446 | 14 | 1460 |
| Technician's diploma | 572 | 35 | 607 |
| Vocational certificat or diploma | 923 | 8 | 931 |
| Total | 4480 | 757 | 5237 |

*Education following the official national curriculum
** Education not following the official national curriculum


## 9

ANNEXES

## ANNEXES

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## ANNEXES

## GLOSSARY

| BAC int. | Baccalauréat international |
| :--- | :--- |
| CATP | Certificat d'Aptitude Technique Professionnelle |
| CCM | Certificat de Capacité Manuelle |
| CCP | Certificat de capacité professionnelle |
| CITP | Certificat d'Initiation Technique et Professionnelle |
| CNFPC | Centre National de Formation professionnelle continue |
| COIP | Cours d'orientation et d'initiation professionnelle |
| CPOS | Centre de Psychologie et d'Orientation scolaires |
| DAP | Diplôme d'aptitude professionnelle |
| DT | Diplôme de technicien |
| E2C | École de la 2e chance |
| EDIFF | Éducation différenciée |
| ES | Enseignement secondaire |
| EST | Enseignement secondaire technique |
| FT | Formation de technicien |
| LEM | Lycée Ermesinde Merch |
| MENJE | Ministère de l'Éducation nationale, de l'Enfance et de la Jeunesse |
| MENFP | Ministère de l'Éducation nationale et de la Formation professionnelle |
| MF | Ministère des Finances |
| NL | Neie Lycée |
| PREP | Régime préparatoire modulaire (cycle inférieur de l'enseignement secondaire technique) |
| PROCI | Projet Cycle Inférieur |
| RT | Régime technique |
| RT13 | Régime technique - formation administrative et commerciale, technique générale |
| RT14 | Régime technique - professions de santé et professions sociales |
| SCRIPT | Service de Coordination de la Recherche et de l'Innovation pédagogiques et technologiques |
| SGE | Service de Guidance de l'Enfance |
| SLP | Schengen-Lyzeum Perl |
| SREA | Service Rééducatif Ambulatoire |
| ST | Secondaire technique |
| STATEC | Service Central de la Statistique et des Études économiques |
| VAE | Validation des acquis de l'expérience |

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[^0]:    * Since the legislative elections of October 20,2013, the departments Childhood and Youth are part of the Ministry of Education.

