The Education System in the Czech Republic
The Education System

in the

Czech Republic
Welcome to the Czech Republic

**Czech Republic — — —**

**Area:**
78,866 km²

**Territorial administration:**
14 regions (higher level of territorial self-government) divided into municipalities (basic self-governing units)

**Capital:**
PRAGUE (1.3 mil. inhabitants)

**Other cities with population of over 100 thousand:**
- Brno
- Liberec
- Olomouc
- Ostrava
- Plzeň

**People — — —**

**Population:**
10.5 mil.
(133 inhabitants per km²)

**Minority groups:**
Slovaks, Poles, Germans, Roma etc.

**Other foreigners with residence permits:**
Ukrainians, Vietnamese, Russians, etc.

**Official language (language of instruction):**
Czech
(belonging to the western Slavic family of languages)

**Religion:**
The traditionally low number of people practising a religion has further decreased.
32% of inhabitants declare themselves to be believers,
83% of these are members of the Roman Catholic Church.

**Economic situation — — —**

**GDP per capita:**
$ 25,299
(data from World Bank for 2010)

**Currency:**
Czech Koruna (CZK)

**Unemployment rate:**
6.8% (2011)

**Governance — — —**
The Czech Republic is a parliamentary democracy with a President elected by the Parliament.
The Parliament is divided into two Chambers:

**Assembly of Deputies:**
200 members elected under the proportional system

**Senate:**
81 senators elected under the majority system

Executive power is held by the National Government headed by a Prime Minister.
Public administration is carried out by the central state administration and self-governing regional and local authorities (regions and municipalities).
Historical milestones for Czech education

1348 – Charles IV established a university in Prague – first institution of higher education north of the Alps.

1592 – John Amos Comenius – often considered the founder of modern education - was born in Moravia

1774 – Empress Maria Theresa introduced mandatory primary education in the Habsburg Monarchy

Czech Republic nowadays

1989 – after the "Velvet revolution" Czechoslovakia returned to a liberal democracy

1993 – The Czech Republic came into existence after splitting with Slovakia

1995 – The Czech Republic is member of the OECD

1999 – The Czech Republic is member of NATO

2004 – The Czech Republic is member of the European Union – with the first Presidency in 2009

Organisation of the Education System in the Czech Republic
Key Facts about Education in the Czech Republic

Compulsory education

Compulsory school attendance is for all children at the age from 6 to 15 years.
In 2010 the number of children of compulsory school age was 834 thousand, i.e. 7% of the population.

The official language of instruction is Czech.

Only the Polish minority has its own schools teaching in Polish (in 2010/11 there were 25 nursery schools, 21 basic schools and 3 upper secondary schools).

Education attainment
(adult population aged 25-64)

<table>
<thead>
<tr>
<th>Attainment Level</th>
<th>Czech Republic 2009</th>
<th>Czech Republic target for 2020</th>
<th>EU benchmark for 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low educational attainment (ISCED 0-2)</td>
<td>9.1%</td>
<td>10% (age 18-24)</td>
<td>10%</td>
</tr>
<tr>
<td>Medium educational attainment (ISCED 3-4)</td>
<td>76.4%</td>
<td>15%</td>
<td></td>
</tr>
<tr>
<td>High educational attainment (ISCED 5-6)</td>
<td>16.5%</td>
<td>15%</td>
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</table>


Number of schools and pupils/students (2010/2011)

<table>
<thead>
<tr>
<th>Type of school</th>
<th>Number of schools</th>
<th>Number of pupils/students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nursery schools</td>
<td>4,800</td>
<td>328,612</td>
</tr>
<tr>
<td>Primary schools (for primary and lower secondary education)</td>
<td>4,123</td>
<td>789,486</td>
</tr>
<tr>
<td>Secondary schools (upper secondary education, incl. VET)</td>
<td>1,423</td>
<td>532,918</td>
</tr>
<tr>
<td>Conservatoires</td>
<td>18</td>
<td>3,560</td>
</tr>
<tr>
<td>Post-secondary colleges</td>
<td>182</td>
<td>29,800</td>
</tr>
</tbody>
</table>


Higher education (2010/2011)

- 74 Higher Education Institutions divided as follows:
  - 29 universities (24 public, 2 state, 3 private)
  - 45 non-university type (2 public, 43 private institutions)
- 369,307 students

EU benchmarks in the Czech Republic

<table>
<thead>
<tr>
<th>Benchmark</th>
<th>Czech Republic in 2009</th>
<th>Czech Republic target for 2020</th>
<th>EU benchmark for 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Participation in early childhood education (4 years old - year before start of comp. primary)</td>
<td>90.9% (2008)</td>
<td>95%</td>
<td></td>
</tr>
<tr>
<td>Early leavers from education and training (age 18-24)</td>
<td>5.4%</td>
<td>5.5%</td>
<td>10%</td>
</tr>
<tr>
<td>Low achievers (15 years old, PISA study results)</td>
<td>Reading 23.1%</td>
<td>15%</td>
<td></td>
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<tr>
<td></td>
<td>Mathematics 22.3%</td>
<td>15%</td>
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</tr>
<tr>
<td></td>
<td>Science 17.3%</td>
<td>15%</td>
<td></td>
</tr>
<tr>
<td>Higher education attainment (age 30-34)</td>
<td>17.5%</td>
<td>32%</td>
<td>40%</td>
</tr>
<tr>
<td>Adult participation in lifelong learning (age 25-64)</td>
<td>7.5% (2010)</td>
<td>15%</td>
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</tbody>
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Investments

- Public educational expenditure: 162.9 billions CZK
- Educational expenditure relative to GDP: 6.4% (has remained stable over the past ten years)
Structure and Responsibilities within the System of Education

Distribution of responsibilities

The Ministry of Education, Youth and Sports (further referred to as MEYS) preserves the integrated state educational policy by formulating long-term policy objectives of education and development of the education system every four years (approved by the government). In terms of higher education, long-term plans are formulated now for 2011-2015, and updated annually.

The Ministry of Education, Youth and Sports (MEYS) above all:

- is primarily responsible for the conception, state and development of the education system;
- determines the content of education; approves framework educational programmes which are the base for the development of school educational programmes; accredits educational programmes for tertiary professional schools and for higher education institutions;
- is responsible for the state financing policy in education – for drawing up of the education budget and for determining of principles of its allocation;
- is in charge of the school register which has a constitutional meaning: only a registered institution has a right to provide recognized education and receives public resources;
- is an organising body of institutions for in-service training of teachers and facilities for institutional care and also of some schools and schools facilities.

Regions are given a high degree of autonomy. They are responsible for education on their territory. Regional authorities formulate long-term policy objectives for their territory every four years in compliance with national objectives. Regions are also organising bodies in particular for upper secondary and tertiary professional schools.

The municipalities are responsible for ensuring conditions for the compulsory school attendance, thus they establish and administer basic schools. Usually, they are also organising bodies of nursery schools which are not compulsory.

Legislation

Education Act on Pre-primary, Basic, Secondary and Tertiary Professional Education (No. 561/2004) sets out the principles and aims of education and the education system - composed of (1) schools, which organise education according to framework educational programmes, and (2) school facilities, which provide education and services complementing or supporting education at schools. The Act also regulates administration the legal status of schools, their registration, financing, status and responsibilities of different levels of administration, e.g. municipalities, regions, and the Ministry of Education, Youth and Sports, or other relevant ministries.

The Act on Educational Staff and on the Amendments of Several Acts (No. 563/2004) regulates requirements for the performance of educational staff’s duties, their in-service training and career progression.

The Act on Providing Subsidies to Private Schools and Pre-school and School Establishments (No. 306/1999).

The Act on Institutional Education or Protective Education in School Provisions and on Preventive Educational Care (No. 109/2002) stipulates the requirements for the education of children and adolescents lacking proper family support or those with behavioural problems.

The Higher Education Act (No. 111/1998), amended several times, extended the non-university and private sectors of higher education. The majority of these are no longer state institutions (with the exception of military and police higher education institutions which are entirely state-funded) but public institutions (state-subsidised) that manage their own property and have wide-ranging autonomy. New Higher Education Act is being prepared.

The Act on Verification and Recognition of Further Education Outcomes (No. 179/2006) opened up a new pathway for adults to obtain a certificate for a qualification attained in practice without formal education.

Schools autonomy

Since January 1st 2003, all schools have been granted the status of legal entities. School heads were given full responsibility for the quality of the educational process, for financial management of the school, for appointing and dismissing teachers and for relations with their local community and the general public. By law, the school organising body must establish a School Council enabling parents, pupils, teaching staff (except for the school head), and the public to participate in the administration of the school. Organising bodies appoint school heads on the basis of a tender and they can only be dismissed for reasons defined by law.

Public higher education institutions were granted autonomy at all levels of management. Internal management of institutions, the establishment of self-governing academic bodies, content and organisation of study, labour relations and funding is exercised by the Academic Senate, the rector, the Academic (Art) Board and a Disciplinary Commission. The Board of Trustees safeguards public interest in the institution’s activities and efficient property management. The faculties also have autonomous bodies, but these are not legal entities. Higher education institutions also have a representative body, the Higher Education Council, made up of representatives from the academic community. State higher education institutions (The University of Defence and The Police Academy) are established by the relevant ministries and their autonomy is limited.

Private schools

Private schools have been in existence since 1990 (at university level since 1999). These schools are mostly non-confessional and the most common legal form is a for-profit or non-profit making grant-aided organisation. Both private and denominational schools represent 2.9% of the total number of basic schools and 1.5% of their pupils; in the case of upper secondary schools this is 25.3% of schools and 15.3% of pupils; for tertiary professional schools they represented 34.1% of institutions and 30.6% of students in 2010/11; for universities the figures were 62.9% of institutions and 14.5% of students in 2001/02.

Advisory and consultative bodies

The MEYS is assisted by several advisory bodies in deciding on the development of education and different levels of the educational system, recognition of educational institutions, economic issues, etc. The Education Act specifies situations in which the opinion of interest groups is required; sometimes other ministries have to be consulted.

The highest advisory body at the national level is the Council of Economic and Social Agreement (triple party: government – employers – unions).

The Czech School Inspectorate is a central control body under the direct supervision of the MEYS. It is responsible for monitoring of schools and school facilities; their educational programmes and outcomes, the quality of management, how effectively funds are used and compliance with binding regulations, at all levels with the exception of the higher education institutions.

The National Institute of Education (established in June 2011 by merging three formerly separate institutes) focuses on development in the area of pre-primary, primary, secondary and post-secondary education, and also provides guidance.

The Centre for Evaluation of Educational Achievement prepares evaluation tools for the school-leaving examinations and supports pupils’ assessments at basic schools.

The National Institute for Further Education arranges courses, seminars, lectures and other activities for the further education of the pedagogical staff.

Within the higher education sphere, a similar role to that of the above mentioned organizations is played by the Centre for the Study of Higher Education which has the status of a public research institution.

Teacher training

Education for would-be teachers is described in the relevant chapters. The obligation to ensure in-service training of teachers in public and state schools is stipulated in the Act on Educational Staff. In-service training is organised by higher education institutions, institutions for in-service training of educational staff and at other facilities on the basis of an accreditation granted by the MEYS. Teachers may prefer the self-study option, where they are entitled to 12 working days off for study in the school year. In-service training programmes for teachers are mainly provided by the National Institute for Further Education, which consists of a centre and thirteen regional stations. Higher education institutions offer refresher training courses for teachers returning to the profession after a long interval, qualification training courses providing upgrading of educational qualifications, specialised courses, and educational studies for graduates from non-teacher training faculties.
Education Policy of the Czech Republic

The Czech system of education has undergone several important reforms during the past 20 years. Several reform processes and changes are especially of high importance:

1. **The Education Act** (2005) set a two-level structure for educational programmes for pre-primary, compulsory and upper secondary education (incl. initial vocational education and training). **Framework Educational Programmes** specify the concrete objectives, form, length and compulsory content of education and some general conditions for their implementation, as well as conditions for the education of pupils with special educational needs. Each school has to draw up its own School educational programme in accordance with the Framework Educational Programme and the school’s conditions.

2. In the area of higher education the **Bologna process** has fundamentally influenced the system of tertiary education in the Czech Republic. Besides significant massification of higher education, all initiatives approved by the Ministers in the framework of Bologna process have been adopted (i.e. 3-structure system, ECTS, diploma supplement, quality assurance, etc., the national qualification framework is being developed).

**Bologna process stocktaking report 2009 – results for the Czech Republic:**

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<th>Czech Republic</th>
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<td>Degree System</td>
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Range of five colours:
- **from dark green (fully implemented)**, green, yellow, orange, to red (not implemented/insufficient implementation)

3. The Czech Republic has adopted the key principles of lifelong learning and in line with the European Union policy the **Strategy of Lifelong Learning** was approved by the Government in 2007. Seven strategic priorities for the development of lifelong learning in the Czech Republic have been defined: (1) recognition and permeability, (2) equal access, (3) functional literacy, (4) social partnership, (5) demand stimulation, (6) quality, (7) counselling services. This strategy is followed by the implementation Plan, where responsibilities, timetable, financial provision and procedures are specified.

In response to the Recommendation of the European Parliament and the Council of the EU on the development of European Qualification Framework (EQF), the Czech Republic is developing the **National qualification framework** which is should be based on a national qualification register and national qualification framework for tertiary education.

**Ongoing reforms**

A number of reforms have been introduced to respond to current challenges (results of Czech pupils and students in international surveys, labour market needs, demography, support for competitiveness, etc.). These reforms are also mentioned in the National Reform Programme of the Czech Republic, which was submitted to the European Commission in 2011.

The following reform steps are crucial:

1. **Improving the quality and availability of pre-school education**
   - The Government will take steps to facilitate the establishment of pre-school education institutions by removing existing regulatory barriers, especially the superfluous demands regarding specific conditions for the establishment of such facilities. The Government will also financially support the establishment of company nurseries and increase the availability of preschool training for children from socially disadvantaged backgrounds.

2. **Systematic improvements in the quality of education and reform of the education system**
   - Standards for Basic Education are being prepared. They formulate the minimum level of knowledge and skills, which pupils should achieve at the end of the first stage (year 5) and 2 stage (year 9) of basic education. Standards should form the basis of tests for nationwide assessment of learning outcomes, which should be launched in 2013.
   - Focus will be placed on the social integration role of basic education and equal access to education. By 2020 the Government will reduce the number of children educated outside the mainstream by at least 50%.
   - Conditions for teaching staff should be improved by a new system of remuneration to encourage lifelong training to improve the quality of their work.
   - Reform of school-leaving examination (at the end of upper secondary education) focuses on the comparability of knowledge among all students from different types of upper secondary schools. A new final examination in vocational education should also be introduced.
   - European tools such as European Quality Assurance Reference Framework for VET or others should be also used for improvement of cooperation between VET and employers.
   - Further steps are planned for the support of adult education, especially through the recognition of further education results and the development of a national qualification framework.

3. **Higher education reform**
   - Reform targets in higher education are focused on the following priorities: raising the quality, excellence and relevance of education and other activities of higher education institutions; the diversification of higher education institutions according to their specific mission and the performance achieved; the opening up of higher education institutions in an international, national and regional context and to the needs of various social partners and groups; the efficient use of legal, economic and other Government instruments to rationally guide the development of higher education. The main instruments for achieving these targets are of both a legislative and non-legislative nature. The new Higher Education Act, which is being prepared, involves the financial participation from students and a law on financial aid for students, which needs to be passed to enable introduction of tuition fees. The Higher Education Act also defines the typology of universities, redefines the scope of their main bodies and provides comprehensive regulation of the relationship between the State and higher education institutions.
Quality assurance — — —

Quality assurance is reflected in the long-term policy objectives for education and the development of the education system and annual reports on the status and development of the education system. The evaluation of schools and school facilities is carried out by the Czech School Inspectorate, which is responsible for studying and evaluating education outcomes, the quality of professional and pedagogical management, working conditions, teaching materials and equipment for public legal auditing, the use of the funds from the state budget and for compliance with generally binding regulations. The results of inspections are inspection or topic reports, control protocols and also the annual report comprising a summary evaluation of the education system. In 2007/08 there were 281 inspectors. The Education Act requires that schools carry out a self-evaluation at least once every two years. The organising body can carry out an evaluation of its schools and school facilities according to criteria published in advance.

The system of quality assurance at higher education institutions is based on the principles of internal and external evaluation. In line with the Higher Education Act, the external evaluation is carried out by the Accreditation Commission or (in case of interest of the HEI) also by international evaluation organizations, for example by the European University Association. The system of evaluation is in line with the international principles formulated by the ENQA (European Association for Quality Assurance in Higher Education), CEEN (Central and Eastern European Network for Quality Assurance in HE) and INQAAHE (International Network for Quality Assurance Agencies in HE), of which the Accreditation Commission is a member.

EU dimension and international cooperation — — —

Cooperation within Europe and other states is an integral part of the education policy in the Czech Republic, particularly after its accession to the European Union. The Czech Republic:

— cooperates with all relevant international organizations - The European Union, Council of Europe, OECD, UNESCO, Visegrad Group, etc.
— participated in important reform processes, e.g. the Bologna process
— joined various international programmes, e.g. CEEPUS
— has concluded more than 100 bilateral international agreements.

Internationalisation has been an integral part of all strategic policy documents, especially in higher education. The Czech Republic is actively involved in the European cooperation in education and training and implements initiatives approved at the EU level.

Emphasis is placed on the increasing possibilities for mobility of students, teachers and academics. European programmes and the Financial Mechanism of the EEA have been the most important tools in this respect. Special focus is placed on the mobility of higher education students which should be the rule, rather than the exception according to the Bologna process and EU objectives.

— Number of students in the Erasmus mobility programme in 2009/2010: 5,975
— Number of students who used the Erasmus programme between 1998 and 2010: 44,842
(with Germany, France and Spain as the most popular countries for mobility)
— Incoming student mobility between 1998 and 2010 in the Erasmus programme: 19,763
An important role for investments in education is played by the European structural funds, especially the two listed below (for the period 2007-2013):

- **The Operational Programme Education for Competitiveness**
  - Focusing on the enhancement and modernisation of initial, tertiary and further educational systems, their interactions with a comprehensive system of lifelong learning, and on the improvement of conditions in the area of research and development. The total amount of EUR 1.83 million from the EU funds represents approx. 6.8% of all financing intended for the Czech Republic from the EU funds.

- **The Operational Programme Research and Development for Innovation**
  - Focusing on the reinforcement of the research, development and pro-innovation potential of the Czech Republic, in particular through universities, research institutions and their cooperation with the private sector. It supports equipping of the research workplaces with modern technologies, developing new research workplaces and increasing the capacity of tertiary education. It is the fourth largest Czech operational program and EUR 2,070.68 million has been allocated to it from the EU funds.

Private schools:

The funding of private schools is based on the same per capita principle as for public schools. Basic subsidies (50-80% of the amount granted to similar public institutions, according to the type) can be raised to 80-100% if the school meets a set of criteria. Denominational schools receive the same funding as public schools directly from the MEYS. Private higher education institutions must be non-profit-making to be eligible for a state grant.

Expenditure on education in the Czech Republic comes mainly from public funds: from the central stage budget and from the budget of the territorial administrative units – regions and municipalities. Funds are also raised from schools' economic activities and from schools' participation in international programmes.

**Public education expenditure (2010) — — 162,9 billions CZK**

**Educational expenditure relative to GDP (2010) — — 4,4%**

(has remained stable over the past ten years. Source: Eurobase)

The funding mechanism changed fundamentally in 1992 from funding for institutions to formula (per capita) funding: amounts of non-capital expenditures per pupil/student are set by the Ministry of Education, Youth and Sports (capital expenditures in not funded on a 'per capita' basis).

**Annual expenditure on public and private educational institutions per pupil/student — — 4,520.1 EUR**

(in 2008 in EUR PPS, for all levels of education combined, based on full-time equivalents)

- Annual expenditure on public and private educational institutions per pupil at the primary level of education (ISCED 1): 2,961.6 EUR (2008)
- Annual expenditure on public and private educational institutions per pupil at the secondary level of education (ISCED 2-4): 4,620.5 EUR (2008)
- Annual expenditure on public and private educational institutions per student at the tertiary level of education (ISCED 5-6): 6,483.2 EUR (2008)

Source: Eurobase

**Principles for financing of schools and school facilities**

founded by regions and municipalities — —

School funding comes from two sources: capital and running costs are covered by the organising bodies (regions and municipalities from regional/municipal budgets), while educational costs (salaries and teaching aids) are allocated from the state (central) budget by the MEYS via the regional administrations. Funding is based on the per capita principle. For schools, the per capita amount is determined centrally for 4 age groups corresponding to the respective levels of education (ISCED 0-3, SB) and distributed to regions according to the number of pupils in the respective age group. Regions determine per capita amounts for different schools.

**Principles for financing of higher education institutions (HEIs) — —**

Higher education institutions receive funds from the state budget for both their running and capital costs. Higher education institutions receive a financial contribution according to the number of students and graduates, the economic costingness of the relevant study programme and certain quality and performance indicators. The MEYS is also used to finance HEIs through project grants. Part of the budget is also allocated to schools on the basis of qualitative criteria. A new funding system currently under preparation will make even more provision for HEI qualitative performance indicators.

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**European Union sources of financing**

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Adult retraining programmes are largely funded from the Operational programme Human Resources and Employment (under the responsibility of the Ministry of Labour and Social Affairs) or the Operational programme Enterprise and Innovation in the case of company employees.

Important sources for especially for the mobility of students and teachers/academics are the EU programmes or other financial tools such as the Financial Mechanism EEA/Norway.

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Pre-primary Education

Key data for pre-primary education in the Czech Republic:
- 4,800 nursery schools (2010/2011)
- 328,612 children (2010/2011)
- Attendance in the pre-school year – 91% (2010/2011)
- Participation in early childhood education of children between the age of 4 and the age of starting compulsory education (EU benchmark) – 90.9% (2008)
- Ratio of pupils to teachers – 13.7 (2008)

The pre-primary education is regulated by the Framework Educational Programme for Pre-primary Education (approved by the MEYS in 2004), on the basis of which each school has to develop its own educational programme. Pre-school education has the following main objectives: to facilitate the children’s development and their ability to learn, to enable children to acquire the basic values on which our society is based, to become independent and able to express themselves as individuals in relation to their surroundings.

The Framework Educational Programme is divided into the following educational areas:
- the child and his/her body
- the child and his/her psyche (Language and speech, Cognitive abilities and functions, imagination and fantasy, thought operations and Self-concept, emotions and will)
- the child and others
- the child and society
- the child and the world

Nursery school is a part of the education system with a long tradition – the beginning of institutional pre-school education dates back to 1832 and the Education Act of 1869 already mentions pre-primary establishments. Pre-primary education was incorporated as a full component part of the education system in 1948, however, it emphasised principles of collective education and aimed to weaken the influence of the family over the children’s education. After 1989, a lively debate developed over the role of nursery schools and the personality-oriented model of pre-primary education was encouraged.

Nursery schools are designed for children from 3 years up to 6 years of age. Two-year-old children are currently accepted in some of the schools under certain conditions. Attendance is not compulsory but approximately 84% of the total age group (3-6 years) are included, rising to 91% in the pre-school year. The year preceding compulsory schooling is free of charge and children have a legal right to attend it. Parents can be asked to pay a maximum of 50% of the running (not educational) costs covered by the community.

Every nursery school, and indeed every teacher, can choose or prepare a system for monitoring and assessing children's development.

If any irregularities or problems occur during attendance the nursery school will, with the agreement of parents, provide educational, psychological or medical consultations and offer remedial and developmental programmes tailored to the child's individual needs.

Nursery school teachers (24,584 in 2009) obtain a full qualification from a four-year upper secondary school course with a final secondary leaving examination. Nursery school teachers can also be trained in courses offered by faculties of education at universities or tertiary professional schools. Virtually all teachers of the nursery school are women, although the profession is open to both genders.
Compulsory Education

School attendance is compulsory for nine years, usually from the ages of 6 to 15.

All pupils start their primary education in a comprehensive basic school (5 years).

During the second stage (lower-secondary education) it is possible to:

- continue at the basic school – an option which is used by majority of pupils
- proceed to multi-year secondary general school (gymnázium), which is a secondary school providing a general education – this option is used by 11% of pupils
- proceed to eight-year conservatoire – which is used by 0.07% of pupils.

Basic school has two levels:

- the first stage now covers the first to fifth grades (ISCED 1) and all subjects are usually taught by a generalist teacher
- the second stage covers sixth to ninth grades (ISCED 2) and subjects are taught by teachers specialising mostly in two subjects, classes are coeducational

Children with a severe mental disability, multiple disabilities or autism can attend special basic schools.

An increasing number of pupils (3-5% in the past years) complete their compulsory school attendance before reaching the last year of basic school because they have had to repeat one or more school year(s) in which they had not succeeded in all the compulsory subjects. A number of these pupils continue their studies at secondary vocational schools where they gain a professional qualification.

The enrolment procedure for education at a conservatoire is in the form of an examination to test applicant’s particular abilities. Only around 0.07% of pupils between 11 and 15 perform their compulsory school attendance at eight-year conservatories.

Structure and organization

There has always been an even, dense distribution of basic schools. There are a great number of small municipalities in the Czech Republic, which implies also a large number of small-sized schools (35% of basic schools have fewer than 50 pupils). Catchment areas are defined, but the choice of schools is free. The number of pupils per class is between a minimum of 17 and a maximum of 30. In 2010/11, the average class size was 20 (SEN pupils are not included in this number). The co-educational classes are made up of pupils of the same age. Small communities can organise schools (primary stage only) with one or more classes of mixed age.

The school year begins on 1 September and ends on 31 August of the following year. In 2010/11, the school year comprises 196 days of teaching. Lessons of 45 minutes are spread over five days a week. The timetable is 18-26 lessons at the first stage, gradually increasing to 28-32 lessons at the second stage. In 2006/07 it was extended by 5 hours. Education is running mostly in the morning. Apart from education, schools offer their pupils all-day care and interest activities in the school facilities.

2010/2011: 4,123 basic schools with 789,486 pupils

Basic schools accept children who have reached 6 years of age by 1 September of the year in question. Children turning 6 between the beginning of the school year and the end of the calendar year can be admitted if they are sufficiently mature, physically and mentally, and if their legal guardian applies for admission. The maturity of pupils is assessed during their enrolment in school. If a pupil is not considered mature enough to attend school he/she continues to attend either a nursery school or a preparatory class within basic schools. These classes have fewer children, each child is given individual tuition and teachers can use the help of teacher’s assistants. Around 2% of pupils move into compulsory education from these classes.
Curriculum ———

The binding document for education in basic school as well as in lower stage of multi-year secondary general school is the Framework Educational Programme for Basic Education (FEP BE) approved by the MEYS in 2005. On the basis of the FEP BE, schools have to prepare their own school educational programmes (SEPs): in 2010/11 schools were providing instruction according to their SEPs in most grades.

The FEP BE defines nine main educational areas consisting of one or more educational fields, cross-curricular topics, complementary educational fields and key competences of a school leaver. It specifies the curriculum of the fields, i.e. the recommended content and expected outcomes at the end of every period (the first stage is divided into first and second periods: years 1-3 and 4-5).

The SEP BE divides the curriculum into particular years (or other compact parts, e.g. modules) and into subjects and specifies the syllabus. One educational field can form part of one or more subjects or the educational content of different fields can be combined into an ‘integrated subject’. Schools profile themselves through their SEPs. Teaching of a foreign language starts in the 3rd year, but the school head can include it in the 1st year if pupils are interested and parents agree. The pupils must be offered the instruction in English before other languages.

Assessment ———

The general principles of assessment of pupils’ educational results are set out in the Education Act. The rules of pupils’ assessment are defined by each school in the School Code and respect the MEYS’s degree and curriculum. Continuous assessment is provided by teachers and 5-point scale is most commonly used. Continuous assessment results are summarized in a school report at the end of each semester. According to the MEYS degree, the 5-point scale, verbal assessment (authorized at all educational levels since 2005) or a combination of both may be used in the school report. Final school reports are issued with proof that the required level of basic education has been reached.

Special educational needs ———

In general, the emphasis is on integrating SEN pupils into regular classes, which is an important principle of inclusive education and is also stressed also in the new Education Act.

If required by the nature of the disability, schools, eventually classes, departments or study groups using adapted educational programmes are established for disabled children, pupils or students.

Pupils with serious mental disability, pupils with multiple disabilities, and autistic pupils are entitled to be educated at special schools, which exist from the pre-primary to upper secondary level. Their curriculum and qualifications are as close as possible to those of mainstream schools and the methods are appropriate to the specific educational problems.

At the compulsory level, the basic special school can be established for pupils with medium and severe mental disabilities and multiple mental disabilities and a basic practical school for pupils with mild mental disabilities.

Pupils who have not succeeded in all compulsory subjects can repeat a year once at every stage. Nevertheless, Czech compulsory school attendance is characterised by its low rate of failure - for a number of years the average number of pupils repeating a grade has been less than 1%.

Meetings with parents are organised to discuss their children’s progress.

Support and guidance ———

Educational staff responsible for guidance services at schools include:

—— educational counsellors
—— school prevention specialists
—— (sometimes) school psychologists or special educators.

Their activities include assistance in preventing pupil failure, dealing with socially pathological phenomena, support to pupils with special educational needs and special talent and career guidance. Schools can cooperate with educational and psychological guidance services or (in case of disabled children) special educational centres.

2.4 % of the population falls outside mainstream education

Teachers ———

Would-be teachers at a primary and lower-secondary level of education must obtain a university qualification at Master’s level (4 or 5 years course, usually at a faculty of education), which includes relatively short practical experience. Teachers at the primary level are generalists, at lower-secondary specialists. They do not have the status of civil servants and their prescribed teaching load is 22 lessons per week.
Upper secondary education is a highly differentiated system guaranteeing education and vocational training for almost the entire population of young people between completion of compulsory school attendance and taking up employment or continuing in higher education (i.e. generally aged 15 to 19 years). The starting age of study is determined by the completion of compulsory education, however some secondary schools (multi-year secondary general schools and conservatoires) also provide a programme of compulsory education (lower-secondary) and therefore even younger pupils attend them.

**Upper secondary education has a long tradition in the Czech Republic**

- **Upper secondary attainment (age 20-24):** 91.9%  
  (EU average is 78.6%; both figures from 2009)
- **Early leavers from education and training (age 18-24):** 5.4%  
  (EU average is 14.4%; both figures from 2009)

**Types of upper secondary education**

Those graduating from upper secondary education can improve or change their qualification in three types of post-secondary non-tertiary education (programmes):

- two-year technical follow-up studies offering graduates of three-year vocational 3C programmes studies of general and theoretical subjects in the area of study to achieve ISCED level 4A.
- two types of shortened study (technical or vocational) providing those leaving general or technical ISCED level 3 programmes with either knowledge of another field or skills to achieve ISCED level 4A or level 4C.

Prerequisites for acceptance in upper (resp. or post-) secondary education are the completion of a compulsory (or secondary) education and successfully meeting the entrance requirements set by the school (including for example an entrance examination/test. The enrolment procedure for education at a conservatoire is held in the form of an examination to test the applicant’s particular abilities.

Secondary schools are usually public, generally established by regions, with the education free of charge. But there are also private or denominational secondary schools where fees are paid. Classes are co-educational (except for physical education lessons).

**Curriculum**

According to the education reform programme, the MEYS is responsible for the development and update/innovation of the so called Framework Educational Programmes for different levels and types of education on the basis of which each school prepares its own schools education programme. The choice of teaching methods, materials and aids depends on the teacher and ICT and teaching software are used more and more often.

**Average number of foreign languages learned per pupil (2008)***

<table>
<thead>
<tr>
<th>Level of education</th>
<th>Number of foreign languages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lower secondary (ISCED 2)</td>
<td>1.1</td>
</tr>
<tr>
<td>Upper secondary (ISCED 3) - general</td>
<td>2.0</td>
</tr>
<tr>
<td>Upper secondary (ISCED 3) – pre-vocational</td>
<td>1.3</td>
</tr>
</tbody>
</table>

*Source: European Commission: Progress towards the common European objectives: indicators and benchmarks 2009/2010 – data for 2008*

**Assessment**

Upper secondary schools use both continuous assessment and final assessment of pupils in a school report. The results of a pupil’s education may be expressed by a mark, a verbal assessment, or by a combination of both. There are no exams at the end of a year.

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1. Minor exceptions may occur.
2. Nevertheless, studies at conservatoires are usually completed by an absolutorium at conservatoires (ISCED B).

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**Post-Compulsory General and Vocational Education (Upper Secondary and Post-Secondary Level)**
Secondary technical and vocational schools

Schools providing technical and vocational education have a long tradition in the Czech Republic. These schools were intended to provide an education with an intermediate level of qualifications on the assumption that these students would move directly into the labour market. The education was geared towards developing their practical application of the technical knowledge and skills acquired.

According to the acquired school-leaving examination there are two types of education (except a minor programmes of vocational education lasting only 1-2 years):
- Technical secondary education completed by the school-leaving examination
- Vocational secondary education leading to an apprenticeship certificate

Some schools organise two year follow-up courses leading to the school-leaving examination for pupils who have an apprenticeship certificate. Many pupils choose de facto five-year professional education composed of three-year training through which they gain an apprenticeship certificate, and a further two years completed by the school-leaving examination (maturitní zkouška).

The framework educational programmes for technical and vocational education include general as well as technical/vocational education areas, cross-curricular subjects, key and specific competences. There are specific framework education programmes for follow-up courses (ISCED 4A level), programmes of shortened study (6A or 4C) are based on the framework education programme for the appropriate upper secondary course.

Conservatoires

The conservatoire (konzervatoř) is a special type of school, providing artistic education, which can be acquired through studies in dance, music, singing and musical-dramatic art courses. Courses last either 6 or 8 years - admitting pupils who have completed their compulsory school education or pupils who have successfully completed 5 years of basic school. The admission procedure requires candidates to demonstrate their talent in the form of an aptitude test.

The Framework Educational Programmes (FEP) for conservatoire courses were approved in 2010. The structure of these FEPs is similar to that of FEPs for upper secondary vocational education.

Education is generally completed by passing an absolvatorium examination, which awards those leaving “tertiary professional education in conservatoire” (ISCED 5B) with the qualification of a “qualified specialist” (DS1).

The absolvatorium is a comprehensive professional examination consisting of a theoretical examination in vocational subjects specified by a curricular document, an examination in a foreign language, a thesis and a performance in one or two principal artistic branches, or an examination in artistic and pedagogical training.

Numbers of pupils enrolled at ISCED 3 level by sex and by programme orientation (2008):

<table>
<thead>
<tr>
<th>Programme orientation</th>
<th>Total (%)</th>
<th>Males (%)</th>
<th>Females (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>25.8</td>
<td>20.7</td>
<td>30.9</td>
</tr>
<tr>
<td>Vocational and pre-vocational</td>
<td>74.2</td>
<td>79.3</td>
<td>69.1</td>
</tr>
</tbody>
</table>


Teachers

Would-be teachers at secondary and post-secondary level of education must obtain a university qualification at Master’s level - usually at a faculty of education, which includes relatively short practical experience. Graduates from academic Master’s degree courses can gain teaching qualifications in consecutive higher education courses. Teachers of theoretical technical subjects gain Master’s degrees from specialised higher education institutions (technical universities, agricultural universities, faculties of medicine, universities of economics, theology and fine arts, etc.) and usually gain their teaching qualifications later. Different types of lower vocational qualifications (from non-tertiary education) are sufficient for practical education teachers.
Tertiary professional schools — — —

Tertiary professional schools provide students with practically oriented qualifications at the ISCED 5B level. Their aim was to fill the gap in qualification needs between secondary and tertiary education. These schools have mostly been attached to secondary technical schools and they still form a single legal entity with them. Only one fifth of them are independent entities. Their curriculum (educational programme) is prepared by the school and accredited by the MEYS. These schools can charge fees where the maximum level is regulated (together with other issues) by the Decree on Tertiary Professional Education.

182 tertiary professional schools with 29,800 students in 2010/2011
Although the share of people with tertiary education is quite low – 17.5% people aged between 30 and 34 (in 2009) – the number of enrolled students and graduates has been increasing over the long-term perspective. With respect to the Europe 2020 objectives, the Czech Republic has announced plans for at least 32% of the population (aged 30-34) to have tertiary education by 2020.

Number of students at HEIs and graduates (2009/2010)

<table>
<thead>
<tr>
<th>Total number of students:</th>
<th>389,231</th>
</tr>
</thead>
<tbody>
<tr>
<td>Women:</td>
<td>216,267 (55.5%)</td>
</tr>
<tr>
<td>Students with foreign citizenship:</td>
<td>34,552 (8.9%)</td>
</tr>
<tr>
<td>Students at public HEIs:</td>
<td>333,580 (85.6%)</td>
</tr>
<tr>
<td>Students at private HEIs:</td>
<td>56,357 (14.4%)</td>
</tr>
<tr>
<td>Proportion of students according to the study programme:</td>
<td></td>
</tr>
<tr>
<td>Bachelor’s programme:</td>
<td>61.9%</td>
</tr>
<tr>
<td>Master’s programme:</td>
<td>21.7%</td>
</tr>
<tr>
<td>Non-structured (“long”)</td>
<td>10%</td>
</tr>
<tr>
<td>Master’s programme:</td>
<td>6.4%</td>
</tr>
<tr>
<td>Doctoral programme:</td>
<td>more than 80%</td>
</tr>
<tr>
<td>Total number of graduates:</td>
<td>81,672</td>
</tr>
<tr>
<td>Bachelors:</td>
<td>45,306 (55.5%)</td>
</tr>
<tr>
<td>Masters:</td>
<td>34,175 (41.7%)</td>
</tr>
<tr>
<td>Doctors:</td>
<td>2,345 (2.8%)</td>
</tr>
<tr>
<td>Graduates according to the study programme:</td>
<td></td>
</tr>
<tr>
<td>Natural sciences:</td>
<td>6.7%</td>
</tr>
<tr>
<td>Technical sciences:</td>
<td>22.3%</td>
</tr>
<tr>
<td>Agriculture, forestry, veterinary:</td>
<td>3.7%</td>
</tr>
<tr>
<td>Health care, medicine, pharmacy:</td>
<td>6.1%</td>
</tr>
<tr>
<td>Humanities and social sciences:</td>
<td>14.9%</td>
</tr>
<tr>
<td>Economics and administration:</td>
<td>26.9%</td>
</tr>
<tr>
<td>Justice, legal and public administration:</td>
<td>3.2%</td>
</tr>
<tr>
<td>Pedagogy, teaching and social care:</td>
<td>14%</td>
</tr>
<tr>
<td>Arts and culture:</td>
<td>2.2%</td>
</tr>
</tbody>
</table>

Source: Institute for Information in Education

Academics

Academics are those employees of HEIs who carry out both educational and scientific work, as well as research, development, artistic or other creative activities, e.g. professors, associate professors, specialised assistants, assistants, lecturers and academics involved in science, research and development. Professors make up around 11% of faculty staff and associate professors approximately 20% (2007). The structure of qualifications is rising slowly and the average age is also gradually decreasing. The law does not prescribe any special pedagogical training for academics, career development is specified by internal institutional regulations.
VET and Adult Education

Vocational education and training (VET) has a long tradition in the Czech Republic. The initial VET is an integral part of upper secondary education (see the corresponding section). The participation of adults in continuing education is traditionally quite low – only 7.5% of population aged 25 to 64 participated in education and training in 2010 (7.7% females, 7.3% males). There have been many initiatives to improve this trend in the past years - with respect to the EU objectives and a general need for lifelong learning (the MEYS develops systemic and/or support tools, retraining is financially supported by the Ministry of Labour and Social Affairs, etc.). The key role is played by a system of verification and recognition of further education outcomes, which is based on the 2006 Act on Verification and Recognition of Further Education Outcomes. This Act makes provision for (1) the National Qualifications Framework as a publicly accessible register of full and partial qualifications and their standards for qualification and evaluation; (2) rules for awarding and withdrawing authorisation for verification of further education outcomes (partial or full qualifications); (3) rights and obligations of further education learners and (4) responsibilities of state administration bodies regarding the verification and recognition of further education.

National Qualification Framework

Bridge between the World of Work and Education

<table>
<thead>
<tr>
<th>NATIONAL SYSTEM OF OCCUPATIONS</th>
<th>NATIONAL REGISTER OF VOCATIONAL QUALIFICATIONS</th>
<th>Influence on initial education</th>
<th>EXAMINATIONS VIA AUTHORIZED PERSONS (i.e. schools or other subjects guaranteeing the exam standards)</th>
<th>PRACTICE EXPERIENCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Catalogue of performance requirements for each profession in the labour market</td>
<td>Register of complete and partial qualification described by a list of expected learning outcomes and a set of evaluation criteria</td>
<td>Findings and information gained from the cooperation with stakeholders when developing the National Register of Vocational Qualifications subsequently affect the curriculum in initial education.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Each qualification is interconnected to levels (1-8) of the European Qualification Framework. The qualification framework for tertiary education is being developed.

<table>
<thead>
<tr>
<th>A key role is played by</th>
<th>— Coordination role and responsibility for the systemic framework of continuing education, incl. accreditation of retraining programmes</th>
<th>— Development of National qualification framework, incl. the system of verification and recognition of further education outcomes</th>
<th>— Outline of general framework and support through a financial develop-ment programme for lifelong learning programmes developed at HEIs (the University of the Third Age)</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Ministry of Education, Youth and Sports</td>
<td>— Responsibility for state employment policy, incl. National</td>
<td>— Coordination of Labour Offices which provide information and guidance services related to (continuing) VET, organise and co-finance retraining of job seekers</td>
<td>— Support for retraining of employees with respect to the competitiveness of industry and the introduction of new technologies</td>
</tr>
<tr>
<td>The Ministry of Labour and Social Affairs</td>
<td>— Responsibility for vocational training in regulated professions within their respective sectors</td>
<td>— Verification and recognition of further education outcomes and participation in the preparation of qualification and assessment standards in their sectors</td>
<td></td>
</tr>
<tr>
<td>The Ministry of Industry and Trade</td>
<td>— Support for retraining of employees with respect to the competitiveness of industry and the introduction of new technologies</td>
<td></td>
<td></td>
</tr>
<tr>
<td>All ministries</td>
<td>— Responsibility for state employment policy, incl. National</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organisations of Social partners</td>
<td>— Aim to change the economic environment in order to encourage companies to take an interest in education and training</td>
<td>— Support for retraining of employees with respect to the competitiveness of industry and the introduction of new technologies</td>
<td></td>
</tr>
<tr>
<td>Regions – Councils for education, training and employment</td>
<td>— Building links between the world of education and the world of work</td>
<td>— Support of adult education services provided by schools or regional centres for lifelong learning</td>
<td></td>
</tr>
</tbody>
</table>

In addition to this Act, other legislation covering this area is quite broad, including The Education Act, The Higher Education Act, regulations related to work performance, regulations specifying qualification requirements for some professions, etc.

Beside continuing education and training, civic/special interest education – although not directly connected to the labour market – plays its role in satisfying people’s political, historical and cultural and similar interests.
Adult education takes place in various types of training institutions — — —

<table>
<thead>
<tr>
<th>Schools (basic, upper secondary, tertiary professional or other educational institutions)</th>
<th>Schools primarily organise coherent adult education programmes, providing a certain level of education through other than full-time forms of study. These programmes at upper secondary and tertiary professional levels are mostly provided in fields for which full-time programmes also exist. For those who have completed compulsory school attendance requirements but have not completed basic education, both basic schools and secondary schools can organise courses aimed at completing basic education. All schools can also organise various continuing education courses, including retraining, but they have to gain a special accreditation. Adult education is also organised by basic art schools and language schools authorised to organise state language examinations.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Higher education institutions (HEIs)</td>
<td>HEIs provide adults with the opportunity to study in all types of study programmes, either in the form of distance learning or combined distance and full-time study. HEIs provide lifelong learning courses in addition to their regular study programmes. Courses can be offered free or for a fee, and can be career-related or for personal development, e.g. the University of the Third Age.</td>
</tr>
<tr>
<td>Non-profit organisations</td>
<td>Organisations from the education sector, professional organisations, foundations, churches, trade unions, political parties, cultural institutions (museums, galleries, libraries, houses of culture). These organisations provide courses of various types, subjects, levels and duration. Courses are offered depending on current supply and demand. In general, the most frequently offered courses are those in foreign languages, ICT, management and accounting.</td>
</tr>
<tr>
<td>Enterprises, institutions and state administration bodies</td>
<td>Organisations providing education primarily for their own employees by means of their own education institutions or trainers, or by hiring services of other institutions.</td>
</tr>
<tr>
<td>Commercial educational institutions</td>
<td>Note: Schools can also organise educational courses on a commercial basis.</td>
</tr>
<tr>
<td>Retraining establishments</td>
<td>Various institutions which were granted accreditation from the Ministry of Education, Youth and Sports to provide retraining. Retraining courses organised within active employment policy aim to increase the employability of job seekers and groups threatened with unemployment.</td>
</tr>
</tbody>
</table>
Glossary

Ministry of Education, Youth and Sports (MEYS)
Ministerstvo školství, mládeže a tělovýchovy

The Czech School Inspectorate
Česká školní inspekce (ČŠI)

The National Institute of Education
Národní ústav pro vzdělávání (NÚV)

The Centre for Evaluation of Educational Achievement
Centrum pro zjišťování výsledků ve vzdělávání (CERMAT)

The National Institute for Further Education
Národní institut dalšího vzdělávání (NIDV)

The Centre for the Study of Higher Education
Centrum pro studium vysokého školství (CSVŠ)

Nursery school
Matěřská škola

Pre-primary education
Předškolní vzdělávání

Basic school
Základní škola

Secondary general school
Gymnázium

Secondary technical school
Střední odborná škola

Secondary vocational school
Střední odborné učiliště

Final examination
Závěrečná zkouška

Apprenticeship certificate
Výuční list

School-leaving examination
Maturitní zkouška

Follow-up courses
Nástavbové studium

Tertiary professional school
Vyšší odborná škola

Higher education institution (HEI)
Vysoká škola

Adult education/ Further education
Vzdělávání dospělých/ Další vzdělávání

Notes