

EUROPEAN AGENCY STATISTICS ON INCLUSIVE EDUCATION (EASIE)

2018/2019 school year Country Report – Czech Republic

The information presented in this automatically-generated country report is available in fully accessible HTML format on the Agency's website: www.european-agency.org/data.

The European Agency Statistics on Inclusive Education (EASIE) activity collects data on all children/learners in compulsory education and participation in inclusive settings.

Officially nominated data collection experts from the participating countries complete data tables on:

- children/learners in recognised forms of education;
- children/learners educated in inclusive settings;
- the placement of children/learners with recognised special educational needs (SEN) in inclusive settings or otherwise.

The data tables are available at <u>www.european-agency.org/data</u>. Statistics are always supplemented by descriptive country background information.

This individual country report is a collection of an agreed set of indicators calculated on the basis of the data tables focusing on the 2018/2019 school year.

It aims to inform national policy- and decision-makers working in the field of inclusive education on learners' rights issues and informs debates on equity and participation in inclusive education.

The Annex has two sections which present the questions used for data collection and the calculations for the indicators.

This report includes data on International Standard Classification of Education (ISCED) level programmes:

- ISCED level 02 programmes (ISCED 02) pre-primary education
- ISCED level 1 programmes (ISCED 1) primary education
- ISCED level 2 programmes (ISCED 2) lower-secondary education
- ISCED level 3 programmes (ISCED 3) upper-secondary education.

This country report contains two indicator tables including gender and ISCED level breakdowns:

- 1. All children/learners (Indicator Table 1)
- 2. All children/learners with an official decision of SEN.
 - 2A. Distribution of placements of children/learners with an official decision of SEN, based on the overall enrolled school population (Indicator Table 2A)
 - 2B. Distribution of placements of children/learners with an official decision of SEN, based on the overall population of children/learners with an official decision of SEN (Indicator Table 2B).

M indicates data is missing or unavailable.

NA indicates the question/issue is not applicable or is irrelevant to the country.

NC indicates the total cannot be calculated.



Indicator Table 1: All children/learners

The indicators linked to the data provided in Data Table 1 focus on all children/learners. They give insights into the enrolment and education of all children/learners.

There are seven main and four associated indicators linked to the data provided in Data Table 1.

Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
1.1 Mainstream education The enrolment rate in mainstream education (%)	51.42	47.61	99.02	49.87	48.05	97.92	49.31	47.52	96.83	50.34	48.76	99.09
1.2 Inclusive education The enrolment rate in inclusive education (%)	50.19	47.01	97.21	49.41	47.73	97.14	48.78	47.17	95.95	43.07	43.32	86.39
1.3 Separate education in mainstream schools The enrolment rate in separate, non-inclusive groups/classes within mainstream education (%)	1.22	0.6	1.82	0.46	0.32	0.78	0.53	0.35	0.88	7.27	5.44	12.71



Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
1.4 Education outside of mainstream schools The share of children/learners who are educated outside of mainstream education (%)	0.67	0.31	0.98	1.35	0.73	2.08	1.93	1.24	3.17	0.48	0.43	0.91
1.4a Separate special education organised by the ministry of education The enrolment rate in separate special (pre-) schools or units organised by the ministry of education (%)	0.67	0.31	0.98	1.34	0.72	2.07	1.9	1.21	3.12	0.35	0.3	0.66
1.4b Separate special education organised by other sectors/ministries The enrolment rate in separate special (pre-) schools or units organised by other sectors/ministries (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC



Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
1.4c Alternative education The enrolment rate of children/learners educated in recognised forms of alternative education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1.4d Home schooling The share of children/learners receiving home schooling (%)	NC	NC	NC	0.01	0	0.01	0.03	0.02	0.05	0.12	0.12	0.25
1.5 Segregated education The share of children/learners who are educated in all forms of segregated (separate, non- inclusive) provision (%)	1.89	0.9	2.79	1.81	1.05	2.86	2.46	1.59	4.05	7.75	5.87	13.61
1.6 Out-of-education The share of children/learners who are out-of-education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
1.7 Overall education enrolment The overall enrolment rate in all recognised forms of education (%)	57.25	52.67	109.93	50.85	48.43	99.28	49.56	47.16	96.72	52.97	51.26	104.23



Indicator Tables 2A and 2B: All children/learners with an official decision of SEN

The indicators linked to the data provided in Data Table 2 focus on all children/learners with an official decision of SEN.

The indicators provide three areas of insight into the enrolment and education of children/learners with an official decision of SEN.

The first indicator (2A.1) presents the identification rate of children/learners with an official decision of SEN. This is a standalone indicator.

Two sub-sets of indicators examine distributions of placements of children/learners with an official decision of SEN:

- The first sub-set of indicators (2A.2–2A.8) presents the distribution of placements of children/learners with an official decision of SEN, based on the overall enrolled school population data provided in Data Table 1. There are seven main and four associated indicators in this sub-set.
- The second sub-set of indicators (2B) presents the distribution of placements of children/learners with an official decision of SEN, based on the overall population of learners with an official decision of SEN data provided in Data Table 2. There are six main and four associated indicators in this sub-set.

Indicator Table 2A. Distribution of placements of children/learners with an official decision of SEN, based on the overall enrolled school population

Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
2A.1 SEN identification rate The identification rate of children/learners with an official decision of SEN (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC



Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
2A.2 Mainstream education The enrolment rate of children/learners with an official decision of SEN in mainstream education (%)	2.16	1.06	3.21	5.12	2.39	7.51	7.35	3.38	10.73	3.08	1.62	4.7
2A.3 Inclusive education The enrolment rate of children/learners with an official decision of SEN in inclusive education (%)	1.34	0.67	2	4.9	2.28	7.18	6.97	3.17	10.14	2.24	1.15	3.39
2A.4 Separate education in mainstream schools The enrolment rate of children/learners with an official decision of SEN in separate, non- inclusive groups/classes within mainstream education (%)	0.82	0.39	1.21	0.22	0.11	0.33	0.37	0.22	0.59	0.84	0.46	1.3
2A.5 Education outside of mainstream schools The share of children/learners with an official decision of SEN who are educated outside of mainstream education (%)	0.65	0.29	0.94	1.32	0.71	2.03	1.86	1.19	3.04	0.44	0.38	0.82



Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
2A.5a Special schools organised by the ministry of education The enrolment rate of children/learners with an official decision of SEN in separate special (pre-) schools or units organised by the ministry of education (%)	0.65	0.29	0.94	1.31	0.71	2.02	1.83	1.17	3	0.33	0.29	0.62
2A.5b Education in special schools organised by other sectors/ministries The enrolment rate of children/learners with an official decision of SEN in separate special (pre-) schools or units organised by other sectors/ministries (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2A.5c Alternative education The enrolment rate of children/learners with an official decision of SEN in recognised forms of alternative education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2A.5d Home schooling The share of learners with an official decision of SEN receiving home schooling (%)	NC	NC	NC	0	0	0.01	0.03	0.02	0.05	0.11	0.09	0.2



Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
2A.6 Segregated education The share of children/learners with an official decision of SEN who are educated in all forms of segregated (separate, non-inclusive) provision (%)	1.46	0.69	2.15	1.54	0.83	2.37	2.23	1.41	3.64	1.28	0.84	2.12
2A.7 Out-of-education The share of children/learners with an official decision of SEN who are out-of-education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2A.8 Overall education enrolment The overall enrolment rate of children/learners with an official decision of SEN in all recognised forms of education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC

Indicator Table 2B. Distribution of placements of children/learners with an official decision of SEN, based on the overall population of children/learners with an official decision of SEN

Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
2B.1 Mainstream education The enrolment rate of children/learners with an official decision of SEN in mainstream education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2B.2 Inclusive education The enrolment rate of children/learners with an official decision of SEN in inclusive education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2B.3 Separate education in mainstream schools The enrolment rate of children/learners with an official decision of SEN in separate, non- inclusive groups/classes within mainstream education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC



Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
2B.4 Education outside of mainstream schools The share of children/learners with an official decision of SEN who are educated outside of mainstream education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2B.4a Special schools organised by the ministry of education The enrolment rate of children/learners with an official decision of SEN in separate special (pre-) schools or units organised by the ministry of education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2B.4b Education in special schools organised by other sectors/ministries The enrolment rate of children/learners with an official decision of SEN in separate special (pre-) schools or units organised by other sectors/ministries (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC



Indicator	ISCED 02 Boys	ISCED 02 Girls	ISCED 02 Total	ISCED 1 Boys	ISCED 1 Girls	ISCED 1 Total	ISCED 2 Boys	ISCED 2 Girls	ISCED 2 Total	ISCED 3 Boys	ISCED 3 Girls	ISCED 3 Total
2B.4c Alternative education The enrolment rate of children/learners with an official decision of SEN in recognised forms of alternative education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2B.4d Home schooling The share of learners with an official decision of SEN receiving home schooling (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2B.5 Segregated education The share of children/learners with an official decision of SEN who are educated in all forms of segregated (separate, non-inclusive) provision (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC
2B.6 Out-of-education The share of children/learners with an official decision of SEN who are out of education (%)	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC	NC



ANNEX

The calculations of the indicators have been made using data from the 2018/2019 school year dataset.

The calculations cover two areas of country data:

All children/learners data taken from Data Table 1.

All children/learners with an official decision of SEN data taken from Data Table 2.

1. Questions in Data Tables used to calculate the indicators

Data Table 1 – All children/learners

Q1.1 Actual population of children/learners in the typical ISCED age ranges

Q1.2 All children/learners enrolled in any form of recognised education

Q1.3 All children/learners enrolled in mainstream (pre-) schools

- Q1.3a All children/learners educated with their peers in mainstream groups/classes for 80% or more of the time
- Q1.3b All children/learners educated in separate groups/classes, spending less than 80% of the time with their peers in mainstream groups/classes

Q1.4 All children/learners educated outside of mainstream (pre-) schools

- Q1.4a All children/learners educated in separate special (pre-) schools or units organised by the ministry of education
- Q1.4b All children/learners educated in separate special (pre-) schools or units organised by other sectors/ministries
- Q1.4c All children/learners educated in recognised forms of alternative education
- Q1.4d All children/learners educated in recognised forms of home schooling

Q1.5 All children/learners who should, by law, be in some form of recognised education, but who are out of any form of recognised education.



Data Table 2 – All children/learners with an official decision of SEN

Q2.1 Actual population of children/learners with an official decision of SEN in the typical ISCED age ranges

Q2.2 All children/learners with an official decision of SEN in any recognised form of education

Q2.3 All children/learners with an official decision of SEN educated in mainstream (pre-) schools

- Q2.3a All children/learners with an official decision of SEN educated with their peers in mainstream groups/classes for 80% or more of the time
- Q2.3b All children/learners with an official decision of SEN educated in separate groups/classes, spending less than 80% of the time with their peers in mainstream groups/classes

Q2.4 All children/learners with an official decision of SEN educated outside of mainstream (pre-) schools

- Q2.4a All children/learners with an official decision of SEN educated in separate special (pre-) schools or units organised by the ministry of education
- Q2.4b All children/learners with an official decision of SEN educated in separate special (pre-) schools or units organised by other sectors/ministries
- Q2.4c All children/learners with an official decision of SEN educated in other recognised forms of alternative education
- Q2.4d All children/learners with an official decision of SEN educated in recognised forms of home schooling

Q2.5 All children/learners with an official decision of SEN who should, by law, be in some form of recognised education, but who are out of any form of recognised education.



2. Calculations for the indicators

The question numbers in the calculations for the indicators refer to the question numbers in the data tables. For example, in the calculation for Indicator 1.1 (Enrolment in mainstream education) in the numerator Q1.3 indicates Question 3 in Data Table 1, in the denominator Q1.4 indicates Question 4 in Data Table 1.

Indicator Table 1. All children/learners

Indicator 1.1: Mainstream education

The enrolment rate in mainstream education (%).

Calculation:

Indicator 1.2: Inclusive education

The enrolment rate in inclusive education (%).

Calculation:

Indicator 1.3: Separate education in mainstream schools

The enrolment rate in separate, non-inclusive groups/classes within mainstream education (%).

Calculation:

The number of children/learners educated in separate groups/classes (Q1.3b)	– x100
The number of children/learners enrolled in any form of recognised education (Q1.2)	

Indicator 1.4: Education outside of mainstream schools

The share of children/learners who are educated outside of mainstream education (%).

Calculation:

Indicator 1.4 has four associated indicators, 1.4a–1.4d.

Indicator 1.4a: Separate special education organised by the ministry of education

The enrolment rate in separate special (pre-)schools or units organised by the ministry of education (%).

Calculation:

The number of children/learners educated in separate special (pre-)schools or units organised by the ministry of education (Q1.4a) _______ x100 The number of children/learners enrolled in any form of recognised education (Q1.2) Indicator 1.4b: Separate special education organised by other sectors/ministries

The enrolment rate in separate special (pre-)schools or units organised by other sectors/ministries (%).

Calculation:

The number of children/learners educated in separate special (pre-)schools or units organised by other sectors/ministries (Q1.4b)	x100
The number of children/learners enrolled in any form of recognised education (O1.2)	

Indicator 1.4c: Alternative education

The enrolment rate of children/learners educated in recognised forms of alternative education (%).

Calculation:

The number of children/learners educated in recognised forms of alternative educatio	n (Q1.4c) x100
The number of children/learners enrolled in any form of recognised education (Q1.2)	

Indicator 1.4d: Home schooling

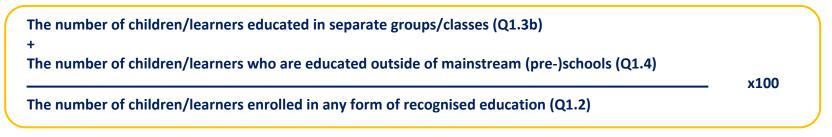
The share of children/learners receiving home schooling (%).



Indicator 1.5: Segregated education

The share of children/learners who are educated in all forms of segregated (separate, non-inclusive) provision (%).

Calculation:



Indicator 1.6: Out-of-education

The share of children/learners who are out-of-education (%).

Calculation:

The number of children/learners who should, by law, be in some form of recognised education, but who are out of any form of recognised education (Q1.5)

The number of children/learners enrolled in any form of recognised education (Q1.2)

x100

Indicator 1.7: Overall education enrolment

The overall enrolment rate in all recognised forms of education (%).



Indicator Table 2A. Distribution of placements of children/learners with an official decision of SEN, based on the overall enrolled school population

Indicator 2A.1: SEN identification rate

The identification rate of children/learners with an official decision of SEN (%).

Calculation:

The overall number of children/learners with an official decision of SEN (Q2.1)	
The number of children/learners enrolled in any form of recognised education (Q1.2)	

Indicator 2A.2: Mainstream education

The enrolment rate of children/learners with an official decision of SEN in mainstream education (%).

Calculation:

The number of children/learners with an official decision of SEN educated in mainstream (pre-)schools (Q2.3)
______ x100

The number of children/learners enrolled in any form of recognised education (Q1.2)

Indicator 2A.3: Inclusive education

The enrolment rate of children/learners with an official decision of SEN in inclusive education (%).

Calculation:

The number of children/learners with an official decision of SEN educated with their peers in mainstream groups/classes for 80% or more of the time (Q2.3a)

The number of children/learners enrolled in any form of recognised education (Q1.2)

Indicator 2A.4: Separate education in mainstream schools

The enrolment rate of children/learners with an official decision of SEN in separate, non-inclusive groups/classes within mainstream education (%). Calculation:

Indicator 2A.5: Education outside of mainstream schools

The share of children/learners with an official decision of SEN who are educated outside of mainstream education (%).





Indicator 2A.5 has four associated indicators, 2A.5a–2A.5d.

Indicator 2A.5a: Special schools organised by the ministry of education

The enrolment rate of children/learners with an official decision of SEN in separate special (pre-)schools or units organised by the ministry of education (%).

Calculation:

The number of children/learners with an official decision of SEN educated in separate special (pre-)schools or units organised by the ministry of education (Q2.4a)

The number of children/learners enrolled in any form of recognised education (Q1.2)

Indicator 2A.5b: Education in special schools organised by other sectors/ministries

The enrolment rate of children/learners with an official decision of SEN in separate special (pre-)schools or units organised by other sectors/ministries (%).

Calculation:

The number of children/learners with an official decision of SEN educated in separate special (pre-)schools or units organised by other sectors/ministries (Q2.4b)

x100

x100

The number of children/learners enrolled in any form of recognised education (Q1.2)

x100

Indicator 2A.5c: Alternative education

The enrolment rate of children/learners with an official decision of SEN in recognised forms of alternative education (%).

Calculation:

The number of children/learners with an official decision of SEN educated in recognised forms of alternative education (Q2.4c)

The number of children/learners enrolled in any form of recognised education (Q1.2)

Indicator 2A.5d: Home schooling

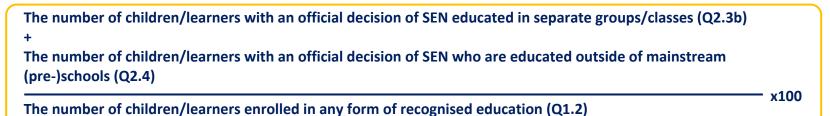
The share of learners with an official decision of SEN receiving home schooling (%).

Calculation:



Indicator 2A.6: Segregated education

The share of children/learners with an official decision of SEN who are educated in all forms of segregated (separate, non-inclusive) provision (%).



Indicator 2A.7: Out-of-education

The share of children/learners with an official decision of SEN who are out-of-education (%).

Calculation:

	The number of children/learners with an official decision of SEN who should, by law, be in some form of recognised education, but who are out of any form of recognised education (Q2.5)	
l	The number of children/learners enrolled in any form of recognised education (Q1.2)	x100

Indicator 2A.8: Overall education enrolment

The overall enrolment rate of children/learners with an official decision of SEN in all recognised forms of education (%).

Calculation:

The number of children/learners with an official decision of SEN enrolled in any recognised form of education (Q2.2)	
The actual population of children/learners with an official decision of SEN (Q2.1)	x100

Indicator Table 2B. Distribution of placements of children/learners with an official decision of SEN, based on the overall population of children/learners with an official decision of SEN

Indicator 2B.1: Mainstream education

The enrolment rate of children/learners with an official decision of SEN in mainstream education (%).

Calculation:

Indicator 2B.2: Inclusive education

The enrolment rate of children/learners with an official decision of SEN in inclusive education (%).

Calculation:

The number of children/learners with an official decision of SEN educated with their peers in mainstream groups/classes for 80% or more of the time (Q2.3a) x100

The actual population of children/learners with an official decision of SEN (Q2.1)

Indicator 2B.3: Separate education in mainstream schools

The enrolment rate of children/learners with an official decision of SEN in separate, non-inclusive groups/classes within mainstream education (%). Calculation:

The number of children/learners with an official decision of SEN educated in separate groups/classes (Q2.3b) The actual population of children/learners with an official decision of SEN (Q2.1)

Indicator 2B.4: Education outside of mainstream schools

The share of children/learners with an official decision of SEN who are educated outside of mainstream education (%).

Calculation:

The number of children/learners with an official decision of SEN educated outside of mainstream (pre-)schools (Q2.4) The actual population of children/learners with an official decision of SEN (Q2.1)

Indicator 2B.4 has four associated indicators, 2B.4a-2B.4d.



Indicator 2B.4a: Special schools organised by the ministry of education

The enrolment rate of children/learners with an official decision of SEN in separate special (pre-)schools or units organised by the ministry of education (%).

Calculation:

The number of children/learners with an official decision of SEN educated in separate special (pre-)schools or units organised by the ministry of education (Q2.4a)	x100
The actual population of children/learners with an official decision of SEN (Q2.1)	

Indicator 2B.4b: Special schools organised by other sectors/ministries

The enrolment rate of children/learners with an official decision of SEN in separate special (pre-)schools or units organised by other sectors/ministries (%).

Calculation:

The number of children/learners with an official decision of SEN educated in separate special (pre-)schools or units organised by other sectors/ministries (Q2.4b)

The actual population of children/learners with an official decision of SEN (Q2.1)

_ x100

Indicator 2B.4c: Alternative education

The enrolment rate of children/learners with an official decision of SEN in recognised forms of alternative education (%).

Calculation:

The number of children/learners with an official decision of SEN educated in recognised forms of alternative education (Q2.4c)

x100

The actual population of children/learners with an official decision of SEN (Q2.1)

Indicator 2B.4d: Home schooling

The share of learners with an official decision of SEN receiving home schooling (%).

Calculation:

The number of children/learners with an official decision of SEN educated in recognised forms of home schooling (Q2.4d)	
The actual population of children/learners with an official decision of SEN (Q2.1)	x100

Indicator 2B.5: Segregated education

The share of children/learners with an official decision of SEN who are educated in all forms of segregated (separate, non-inclusive) provision (%). Calculation:



Indicator 2B.6: Out-of-education

The share of children/learners with an official decision of SEN who are out-of-education (%).

The number of children/learners with an official decision of SEN who should, by law, be in some form of recognised education, but who are out of any form of recognised education (Q2.5)	x100
The actual population of children/learners with an official decision of SEN (Q2.1)	