



Private Education Expenditures Survey of Elementary, Middle and High School Students in 2019

The total private education expenditures of elementary, middle and high school students marked 21 trillion won in 2019, which rose by 7.8% from 2018. The private education participation rate stood at 74.8% in 2019, up 1.9%p from 2018. The weekly participation hours recorded 6.5 hours per student in 2019, which grew by 0.3 hour from 2018.

- The total private education expenditures increased by 1.5 trillion won (7.8%) from 19.5 trillion won in 2018 to 21 trillion won in 2019.
- Compared to 2018, the total number of students recorded a decrease. Whereas, the private education participation rate and the weekly participation hours recorded an increase.

【 Total private education expenditures and total number of students 】

Classification	2018	2019	Percent change
Private education expenditures (trillion won, %)	19.5	21.0	7.8
Total number of students (10,000 persons, %)	558	545	-2.4

【 Private education participation rate and weekly participation hours 】

Classification	2018	2019	Change
Participation rate (%,%p)	72.8	74.8	1.9
Weekly participation hours (hour)	6.2	6.5	0.3

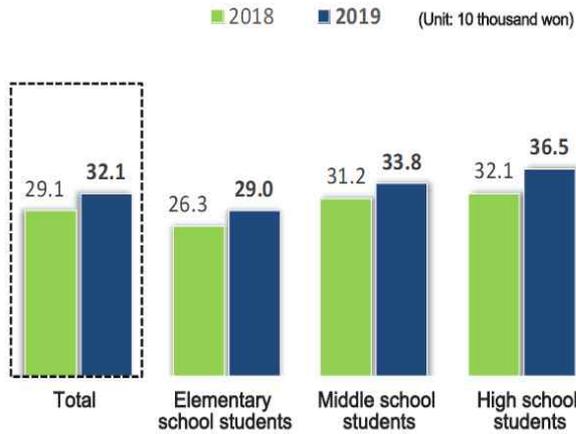
The average monthly private education expenditures per student marked 321 thousand won in 2019, rising by 10.4% from 2018. The average monthly private education expenditures per participation student marked 429 thousand won in 2019, rising by 7.5% from 2018.

- (Total students)

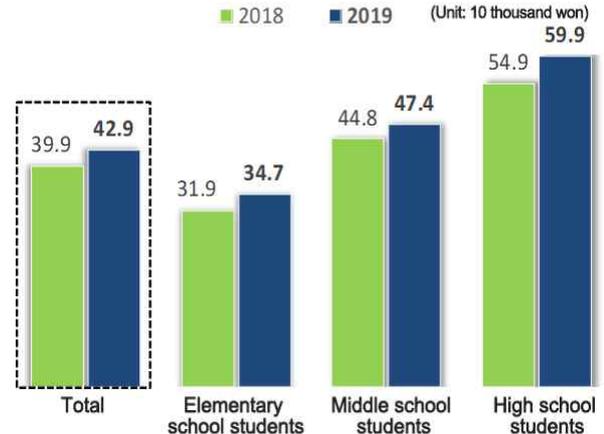
The average monthly private education expenditures per elementary school student recorded 290 thousand won (27 thousand won, 10.3%↑). The average monthly private education expenditures per middle school student recorded 338 thousand won (26 thousand won, 8.4%↑). The average monthly private education expenditures per high school student recorded 365 thousand won (44 thousand won, 13.6%↑).
- (Participation students)

The average monthly private education expenditures per elementary school participation student recorded 347 thousand won (29 thousand won, 9.1%↑). The average monthly private education expenditures per middle school participation student recorded 474 thousand won (26 thousand won, 5.8%↑). The average monthly private education expenditures per high school participation student recorded 599 thousand won (50 thousand won, 9.1%↑).

【 Average monthly private education expenditures per student 】



【 Average monthly private education expenditures per participation student 】



As for the average monthly private education expenditures per high school student, the first grade students marked the highest figure of 376 thousand won. As for the average monthly private education expenditures per high school participation student, the third grade students marked the highest figure of 629 thousand won.

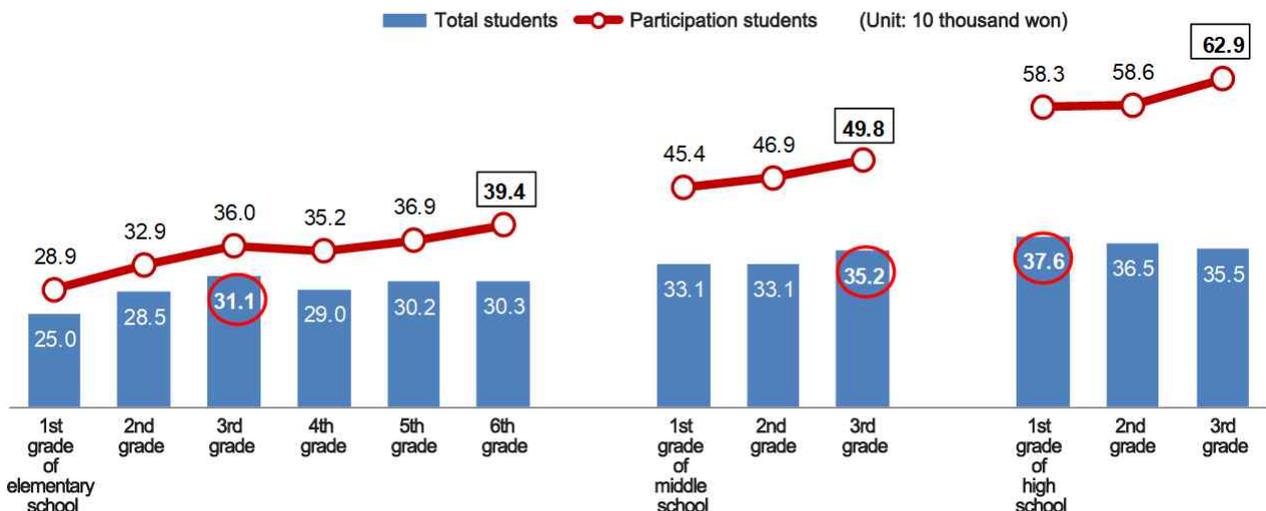
○ (Total students)

As for the average monthly private education expenditures per elementary school student, the third grade students recorded the highest figure (311 thousand won). As for the average monthly private education expenditures per middle school student, the third grade students recorded the highest figure (352 thousand won). As for the average monthly private education expenditures per high school student, the first grade students recorded the highest figure (376 thousand won).

○ (Participation students)

As for the average monthly private education expenditures per elementary school participation student, the sixth grade students recorded the highest figure (394 thousand won). As for the average monthly private education expenditures per middle school participation student, the third grade students recorded the highest figure (498 thousand won). As for the average monthly private education expenditures per high school participation student, the third grade students recorded the highest figure (629 thousand won).

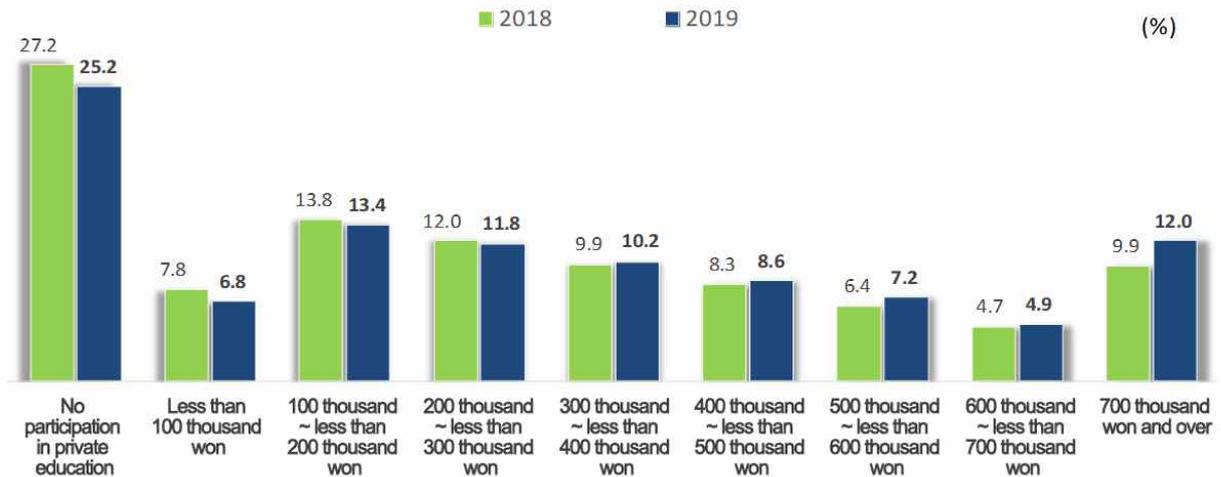
【 Average monthly private education expenditures per student 】



As for the average monthly private education expenditures, the share of students spending 700 thousand won or more showed the highest increase of 2.2%p.

- As for the average monthly private education expenditures, the share of students spending less than 300 thousand won showed a year-on-year decrease. Whereas, the share of students spending 300 thousand won or more showed a year-on-year increase.

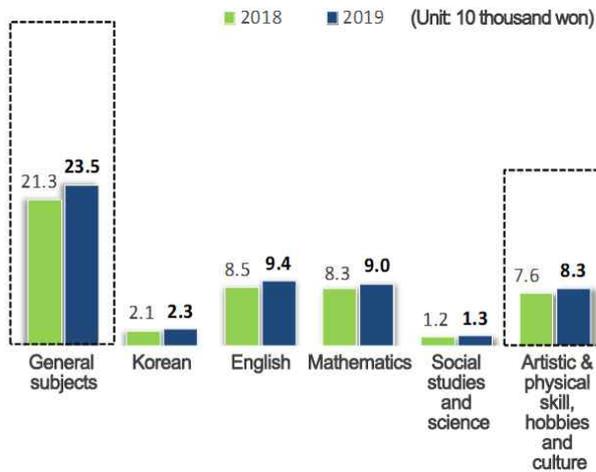
【 Share of students by size of private education expenditures 】



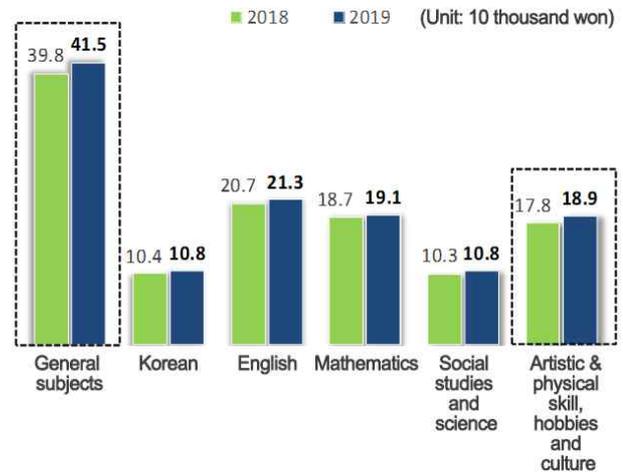
The average monthly private education expenditures on general subjects amounted to 235 thousand won per student in 2019, up 10.6% from 2018. The average monthly private education expenditures on general subjects amounted to 415 thousand won per participation student in 2019, up 4.2% from 2018.

- (Total students)
 - As for the total students, the average monthly private education expenditures on English, mathematics and Korean recorded 94 thousand won, 90 thousand won and 23 thousand won, respectively.
 - Compared to 2018, the average monthly private education expenditures on 'Social studies and science' (12.4%) recorded the highest year-on-year increase, which was followed by Korean (11.0%), English (10.8%) and mathematics (8.8%).
- (Participation students)
 - As for the participation students, the average monthly private education expenditures on English, mathematics and 'Social studies and science' recorded 213 thousand won, 191 thousand won and 108 thousand won, respectively.
 - Compared to 2018, the average monthly private education expenditures on 'Social studies and science' (5.5%) recorded the highest year-on-year increase, which was followed by Korean (3.4%), English (2.8%) and mathematics (1.7%).

【 Average monthly private education expenditures per student 】



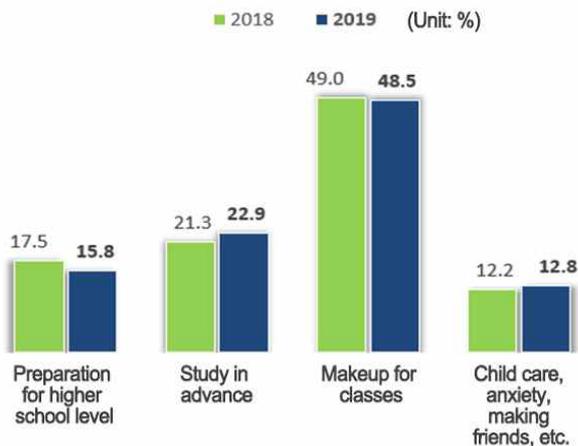
【 Average monthly private education expenditures per participation student 】



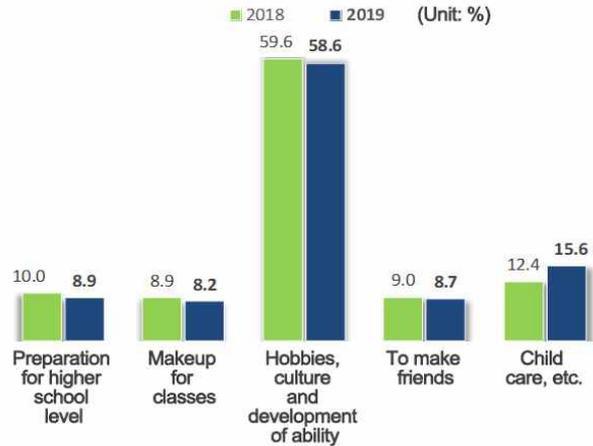
As for private education of general subjects by purpose, 'Study in advance' and 'Child care, etc.' showed an increase. As for private education of artistic and physical skills, 'Child care, etc.' showed an increase.

- As for purposes of general subjects, 'Makeup for classes' occupied the highest share at 48.5%, which was followed by 'Study in advance' (22.9%) and 'Preparation for higher school level' (15.8%). Compared to 2018, 'Study in advance' recorded an increase. Whereas, 'Makeup for classes' and 'Preparation for higher school level' recorded a decrease.
- As for purposes of artistic and physical skills, 'Hobbies, culture and development of ability' occupied the highest share at 58.6%, which was followed by 'Child care, etc.' (15.6%) and 'Preparation for higher school level' (8.9%).

【 Private education of general subjects by purpose 】



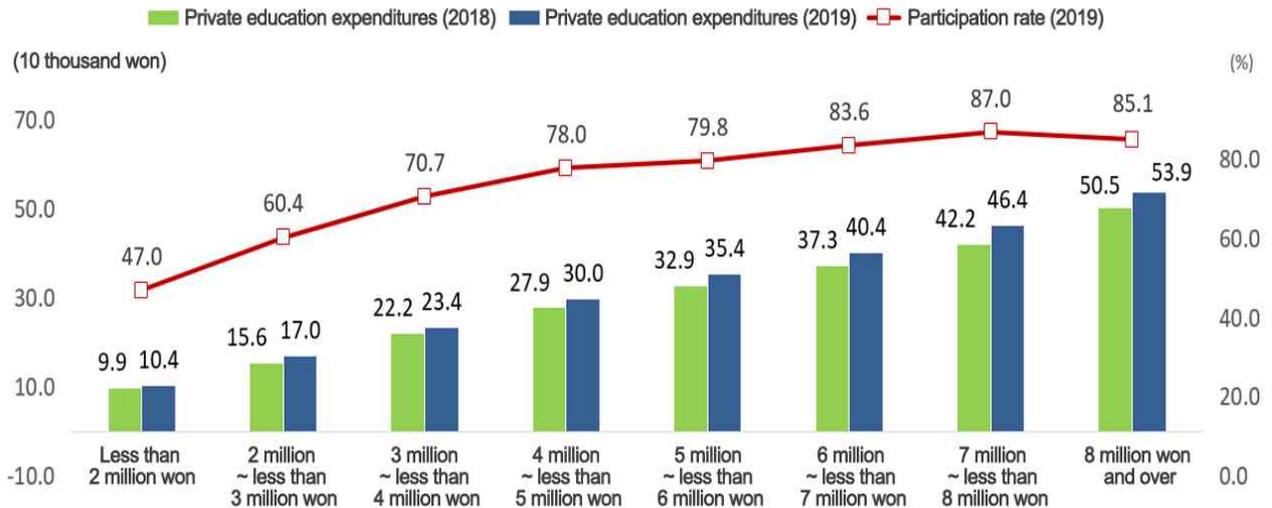
【 Private education of artistic & physical skills, hobbies and culture by purpose 】



The higher household income level, the higher education expenditures and participation rate.

- The average monthly expenditures for households earning '7 million ~ less than 8 million won' recorded 464 thousand won per student, which increased by 9.7% from 2018. The average monthly expenditures for households earning '8 million won and over' recorded 539 thousand won per student, which increased by 6.6% from 2018.
- The participation rate of households earning '7 million ~ less than 8 million won' marked the highest figure at 87.0%. The participation rate of households earning less than 2 million won marked the lowest figure at 47.0%.

【 Average monthly private education expenditures per student and private education participation rate by household income 】



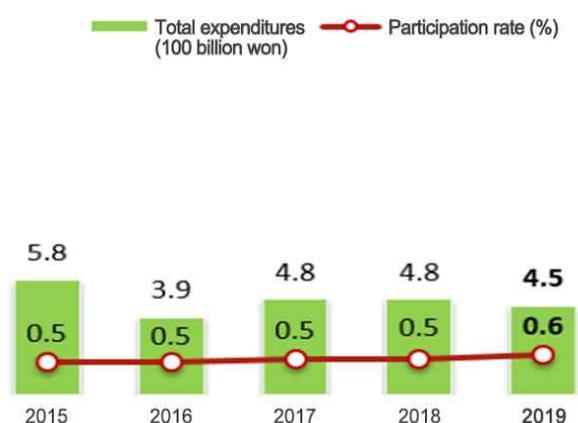
The after-school program participation rate stood at 48.4%. The language course participation rate stood at 0.6%.

- The expenditures on after-school programs totaled 930 billion won, decreasing by 0.1% from 2018. The paid and free after-school program participation rate recorded 48.4%, down 2.5%p from 2018.
- The expenditures on language course totaled 450 billion won, decreasing by 7.6% from 2018. The language course participation rate recorded 0.6%, up 0.1%p from 2018.

【 Total expenditures on after-school programs and participation rate 】



【 Total expenditures on language courses and participation rate 】



I. Results of the Private Education Expenditures Survey of Elementary, Middle and High School Students in 2019

1. Total private education expenditures

The total private education expenditures of elementary, middle and high school students recorded 21 trillion won in 2019, rising by 7.8% from 2018.

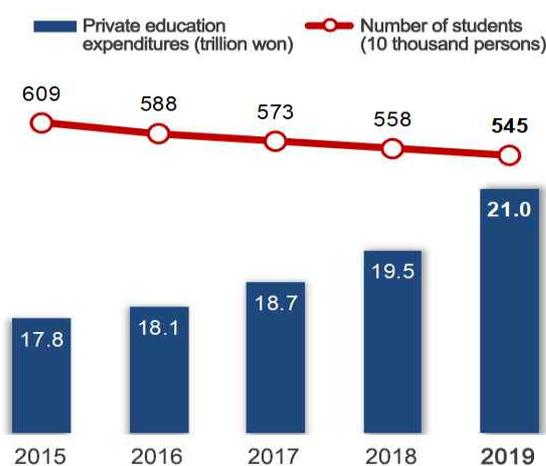
- The private education expenditures of elementary, middle and high school students amounted to 9.6 trillion won, 5.3 trillion won and 6.2 trillion won in 2019, respectively.
- Compared to the previous year, the private education expenditures of elementary, middle and high school students grew by 11.8%, 5.2% and 4.2%, respectively.

【 Private education expenditures 】

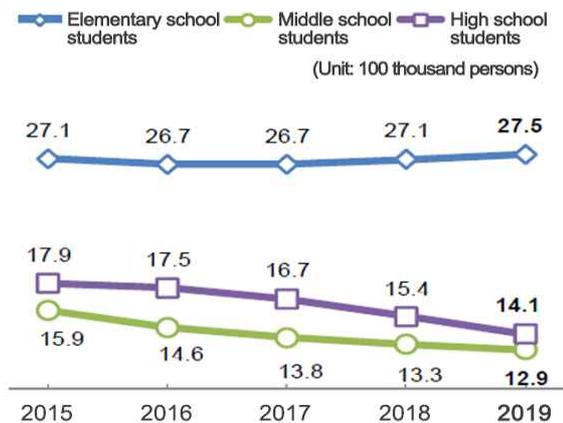
(Unit: 100 million won, %)

Classification	2018	2019	
		2019	Percent change
Total	194,852	209,970	7.8
Elementary school	85,531	95,597	11.8
Middle school	49,972	52,554	5.2
High school	59,348	61,819	4.2

【 Private education expenditures and total number of students by year 】



【 Number of students by year 】



Source: Education Statistics of the Ministry of Education in 2019

2. Private education participation rate and weekly participation hours

The private education participation rate stood at 74.8% in 2019, up 1.9%p from 2018. The weekly participation hours recorded 6.5 hours per student in 2019, which grew by 0.3 hour from 2018.

- The participation rate of elementary school students recorded the highest figure at 83.5%, which was followed by middle school students (71.4%) and high school students (61.0%).

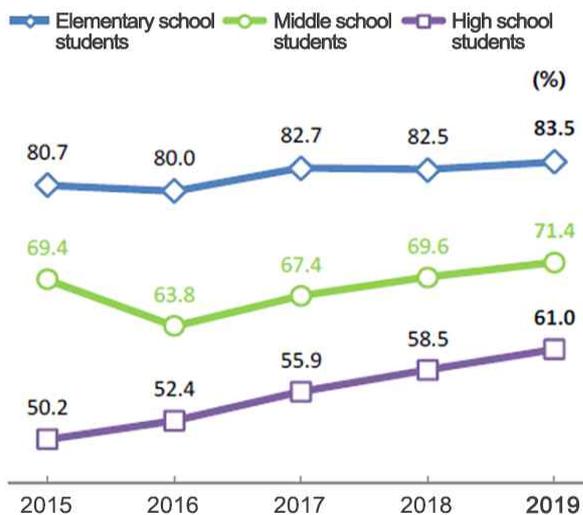
- Compared to 2018, the participation rate of high, middle and elementary school students went up by 2.4%p, 1.7%p and 0.9%p, respectively.
- The weekly participation hours of elementary, middle and high school students recorded 6.8 hours, 6.8 hours and 5.7 hours, respectively.
- Compared to 2018, the weekly participation hours of high, elementary and middle school students rose by 0.4 hour, 0.3 hour and 0.3 hour, respectively.

【 Private education participation rate and weekly participation hours by school level 】

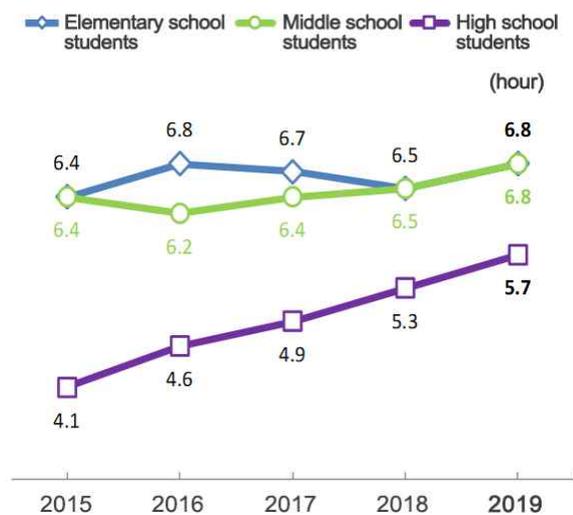
Classification	Private education participation rate (Unit: %, %p)				Weekly participation hours (Unit: hour)			
	Total	Elementary school	Middle school	High school	Total	Elementary school	Middle school	High school
2018	72.8	82.5	69.6	58.5	6.2	6.5	6.5	5.3
2019	74.8	83.5	71.4	61.0	6.5	6.8	6.8	5.7
Change from the previous year	1.9	0.9	1.7	2.4	0.3	0.3	0.3	0.4

※ Data on participation hours cover the total students.

【 Private education participation rate by school level 】



【 Private education participation hours per week by school level 】



3. Average monthly private education expenditures per student

The average monthly private education expenditures per student recorded 321 thousand won in 2019, rising by 10.4% from 2018. The average monthly private education expenditures per participation student recorded 429 thousand won in 2019, rising by 7.5% from 2018.

- The average monthly expenditures recorded 365 thousand won per high school student, 338 thousand won per middle school student and 290 thousand won per elementary school student.

- The average monthly expenditures recorded 599 thousand won per high school participation student, 474 thousand won per middle school participation student and 347 thousand won per elementary school participation student. Compared to 2018, the average monthly expenditures of high school participation students recorded the highest increase (9.1%), which was followed by elementary school participation students (9.1%) and middle school participation students (5.8%).

【 Average monthly private education expenditures per student 】

(Unit: 10 thousand won, %)

Classification	Total students				Participation students			
	Total	Elementary school	Middle school	High school	Total	Elementary school	Middle school	High school
2018	29.1	26.3	31.2	32.1	39.9	31.9	44.8	54.9
2019	32.1	29.0	33.8	36.5	42.9	34.7	47.4	59.9
Percent change	10.4	10.3	8.4	13.6	7.5	9.1	5.8	9.1

As for the average monthly private education expenditures per high school student, the first grade students marked the highest figure of 376 thousand won. As for the average monthly private education expenditures per high school participation student, the third grade students marked the highest figure of 629 thousand won.

- As for the average monthly private education expenditures per elementary school student, the third grade students recorded the highest figure (311 thousand won). As for the average monthly private education expenditures per middle school student, the third grade students recorded the highest figure (352 thousand won). As for the average monthly private education expenditures per high school student, the first grade students recorded the highest figure (376 thousand won).
- As for the average monthly private education expenditures per elementary school participation student, the sixth grade students recorded the highest figure (394 thousand won). As for the average monthly private education expenditures per middle school participation student, the third grade students recorded the highest figure (498 thousand won). As for the average monthly private education expenditures per high school participation student, the third grade students recorded the highest figure (629 thousand won).

【 Average monthly private education expenditures per student 】

(Unit: 10 thousand won)

	Elementary school							
	1 st grade	2 nd grade	3 rd grade	4 th grade	5 th grade	6 th grade		
Total students	29.0	25.0	28.5	31.1	29.0	30.2	30.3	
Participation students	34.7	28.9	32.9	36.0	35.2	36.9	39.4	
	Middle school				High school			
	1 st grade	2 nd grade	3 rd grade		1 st grade	2 nd grade	3 rd grade	
Total students	33.8	33.1	33.1	35.2	36.5	37.6	36.5	35.5
Participation students	47.4	45.4	46.9	49.8	59.9	58.3	58.6	62.9

4. Average monthly private education expenditures by size

The share of students spending 700 thousand won and over per month on private education showed the highest increase of 2.2%p.

- As for the average monthly private education expenditures, the share of student groups spending less than 300 thousand won showed a year-on-year decrease. Whereas, the share of student groups spending 300 thousand won or more showed a year-on-year increase.
- As for the average monthly private education expenditures by region, Seoul showed the highest share of students spending 700 thousand won and over. The other regions showed the highest share of students spending 100 thousand ~ less than 200 thousand won.

【 Average monthly private education expenditures by size 】

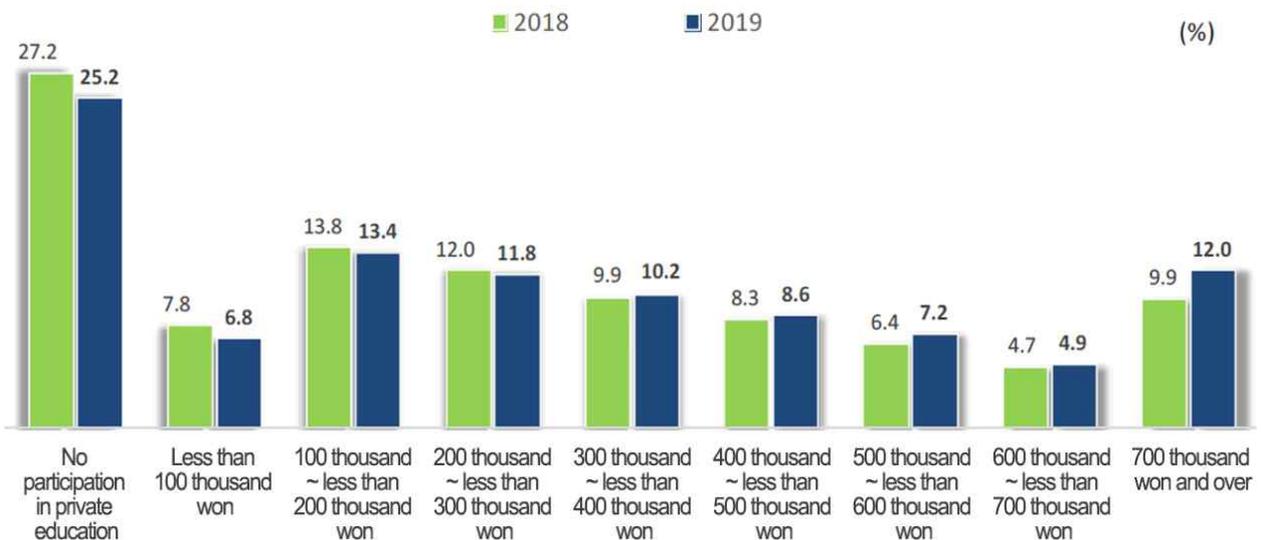
(Unit: %, %p)

Classification		Total	No participation in private education	Less than 100 thousand won	100 thousand ~ less than 200 thousand won	200 thousand ~ less than 300 thousand won
Total	2018	100.0	27.2	7.8	13.8	12.0
	2019	100.0	25.2	6.8	13.4	11.8
	Change from the previous year	0.0	-1.9	-1.0	-0.4	-0.3
Region	Seoul	100.0	20.0	5.8	10.5	9.1
	Metropolitan cities	100.0	25.0	6.9	13.6	12.3
	Cities*	100.0	23.7	6.5	13.4	12.1
	Eup and Myeon	100.0	35.5	8.5	16.0	12.7

Classification		300 thousand ~ less than 400 thousand won	400 thousand ~ less than 500 thousand won	500 thousand ~ less than 600 thousand won	600 thousand ~ less than 700 thousand won	700 thousand won and over
Total	2018	9.9	8.3	6.4	4.7	9.9
	2019	10.2	8.6	7.2	4.9	12.0
	Change from the previous year	0.2	0.3	0.7	0.2	2.2
Region	Seoul	9.1	7.9	7.9	6.3	23.4
	Metropolitan cities	10.3	9.0	7.2	4.6	11.1
	Cities*	10.4	9.3	7.7	5.4	11.4
	Eup and Myeon	10.2	6.5	4.7	2.2	3.7

* Cities: Dong in cities excluding Seoul and 6 metropolitan cities

【 Average monthly private education expenditures by size 】



5. Average monthly private education expenditures by subject

The average monthly private education expenditures on general subjects amounted to 235 thousand won per student in 2019, rising by 10.6% from 2018. The average monthly private education expenditures on general subjects amounted to 415 thousand won per participation student in 2019, rising by 4.2% from 2018.

- As for the average monthly private education expenditures on general subjects, English recorded the highest figure of 94 thousand won per student, which was followed by mathematics (90 thousand won), Korean (23 thousand won) and 'Social studies and science' (13 thousand won).
- As for elementary school students, the sixth grade students recorded the highest expenditures on English (100 thousand won). As for middle school students, the third grade students recorded the highest expenditures on mathematics (139 thousand won). As for high school students, the first grade students recorded the highest expenditures on mathematics (151 thousand won).

【 Average monthly private education expenditures per student by subject and grade 】

(Unit: 10 thousand won, %)

Classification	Total students						
	Total	General subjects	Korean	English	Mathematics	Social studies and science	Artistic & physical skills, hobbies and culture
2018	29.1	21.3	2.1	8.5	8.3	1.2	7.6
2019	32.1	23.5	2.3	9.4	9.0	1.3	8.3
Percent change	10.4	10.6	11.0	10.8	8.8	12.4	9.6
Elementary school	29.0	17.2	1.5	7.8	5.0	0.8	11.8
1st grade	25.0	10.7	1.8	4.7	2.8	0.2	14.3
2nd grade	28.5	13.4	1.9	6.0	3.5	0.2	15.0
3rd grade	31.1	17.0	1.6	8.2	4.2	1.0	14.0
4th grade	29.0	18.0	1.5	8.2	5.2	1.0	11.0
5th grade	30.2	21.3	1.3	9.8	6.6	1.1	8.9
6th grade	30.3	22.7	1.3	10.0	7.9	1.2	7.5
Middle school	33.8	29.7	1.7	12.1	12.9	1.6	4.0
1st grade	33.1	28.4	1.3	12.1	12.1	1.2	4.6
2nd grade	33.1	29.3	1.7	11.8	12.8	1.7	3.8
3rd grade	35.2	31.4	2.1	12.5	13.9	1.9	3.6
High school	36.5	30.3	4.3	9.9	13.1	2.0	5.5
1st grade	37.6	33.9	4.2	12.2	15.1	1.8	3.1
2nd grade	36.5	30.5	3.9	10.1	13.8	2.0	5.3
3rd grade	35.5	26.8	4.7	7.5	10.7	2.2	7.8

- As for the average monthly private education expenditures on general subjects, English recorded the highest figure of 213 thousand won per participation student, which was followed by mathematics (191 thousand won), 'Social studies and science' (108 thousand won) and Korean (108 thousand won).
- As for elementary school participation students, the sixth grade students recorded the highest expenditures on English (192 thousand won). As for middle school participation students, the third grade students recorded the highest expenditures on mathematics (243 thousand won). As for high school participation students, the second grade students recorded the highest expenditures on mathematics (325 thousand won).

【 Average monthly private education expenditures per participation student
by subject and grade 】

(Unit: 10 thousand won, %)

Classification	Participation students						
	Total	General subjects	Korean	English	Mathematics	Social studies and science	Artistic & physical skills, hobbies and culture
2018	39.9	39.8	10.4	20.7	18.7	10.3	17.8
2019	42.9	41.5	10.8	21.3	19.1	10.8	18.9
Percent change	7.5	4.2	3.4	2.8	1.7	5.5	6.0
Elementary school	34.7	29.6	6.0	18.0	11.0	6.4	17.5
1st grade	28.9	21.8	5.7	18.5	7.3	5.8	18.2
2nd grade	32.9	24.6	6.0	17.7	8.5	5.7	19.2
3rd grade	36.0	28.5	5.7	17.2	9.4	6.4	18.6
4th grade	35.2	29.8	5.8	16.7	10.9	5.8	16.9
5th grade	36.9	33.1	6.2	18.4	12.8	6.5	15.1
6th grade	39.4	37.6	6.8	19.2	15.4	7.2	15.5
Middle school	47.4	48.1	11.6	22.6	22.8	11.8	15.3
1st grade	45.4	45.7	9.3	22.1	21.4	10.2	14.0
2nd grade	46.9	47.7	11.2	22.1	22.5	11.4	15.7
3rd grade	49.8	50.9	13.9	23.4	24.3	13.4	16.7
High school	59.9	61.0	22.8	27.2	31.5	20.8	36.8
1st grade	58.3	60.7	21.4	27.2	30.1	19.0	23.1
2nd grade	58.6	60.3	22.8	27.7	32.5	23.6	33.9
3rd grade	62.9	62.0	24.2	26.6	32.2	20.4	50.7

- The participation rate of consulting for career or higher education marked 2.3%. The annual average number of consultations stood at 4.8 times per participation student. The annual average expenditures on consultation recorded 120 thousand won per consultation.

【 Expenditures and participation rate of consulting for career or higher education 】

(Unit: %p, times, %)

Classification	2018	2019	Year-on-year (percent) change	Elementary school	Middle school	High school
Participation rate (%)	3.6	2.3	-1.3	1.9	2.2	3.3
Annual average number of consultations per participation student (times)	2.6	4.8	2.2	4.7	4.8	5.0
Annual average expenditures per consultation (10 thousand won)	11.8	12.0	2.1	9.7	11.1	15.1

6. Average monthly private education expenditures per student by type

As for general subjects and 'Artistic & physical skills, hobbies and culture' of the total students, 'Taking lessons at private academic institutes' recorded the highest figure. As for general subjects of participation students, 'Taking lessons at private academic institutes' recorded the highest figure. As for 'Artistic & physical skills, hobbies and culture' of participation students, 'One-on-one tutoring' recorded the highest figure.

- As for general subjects, the average monthly expenditures on 'Taking lessons at private academic institutes' recorded the highest figure of 163 thousand won per student, which was followed by 'One-on-one tutoring' (30 thousand won), 'Group tutoring' (22 thousand won) and 'Textbooks with tutor's visit' (12 thousand won).
- As for general subjects, the average monthly expenditures on 'Taking lessons at private academic institutes' recorded the highest figure of 397 thousand won per participation student, which was followed by 'One-on-one tutoring' (342 thousand won), 'Group tutoring' (235 thousand won) and 'Internet and correspondence lectures' (99 thousand won).

【 Average monthly private education expenditures per student by type 】

(Unit: 10 thousand won, %)

Classification	2018	2019	Percent change			
				Elementary school	Middle school	High school
Total	29.1	32.1	10.4	29.0	33.8	36.5
- General subjects	21.3	23.5	10.6	17.2	29.7	30.3
One-on-one tutoring	3.0	3.0	0.7	1.4	3.6	5.8
Group tutoring	2.2	2.2	-0.9	1.7	2.9	2.5
Taking lessons at private academic institutes	14.3	16.3	14.4	11.0	22.1	21.4
Textbooks with tutor's visit	1.2	1.2	3.4	2.2	0.5	0.0
Internet and correspondence lectures	0.6	0.7	27.3	0.9	0.6	0.6
- Artistic & physical skills, hobbies and culture	7.6	8.3	9.6	11.8	4.0	5.5
One-on-one tutoring	1.2	1.2	-0.3	1.2	0.8	1.5
Group tutoring	0.6	0.6	6.0	0.9	0.4	0.3
Taking lessons at private academic institutes	5.4	6.1	12.6	9.1	2.5	3.5
Tutor's visit, etc.	0.4	0.4	3.6	0.6	0.2	0.1

【 Average monthly private education expenditures per participation student by type 】

(Unit: 10 thousand won, %)

Classification	2018	2019	Percent change			
				Elementary school	Middle school	High school
Total	39.9	42.9	7.5	34.7	47.4	59.9
- General subjects	39.8	41.5	4.2	29.6	48.1	61.0
One-on-one tutoring	32.8	34.2	4.4	21.2	35.0	46.8
Group tutoring	23.5	23.5	0.3	16.6	28.7	38.5
Taking lessons at private academic institutes	38.5	39.7	3.3	29.2	43.7	54.6
Textbooks with tutor's visit	9.2	9.4	2.2	9.6	8.3	7.1
Internet and correspondence lectures	9.7	9.9	1.7	9.2	11.3	10.6
- Artistic & physical skills, hobbies and culture	17.8	18.9	6.0	17.5	15.3	36.8
One-on-one tutoring	18.9	21.6	14.1	16.5	18.6	47.0
Group tutoring	11.8	12.7	8.1	12.0	11.7	25.9
Taking lessons at private academic institutes	16.7	17.5	4.8	16.2	14.9	35.8
Tutor's visit, etc.	6.3	6.5	2.5	6.2	7.0	8.2

7. Private education by purpose

As for general subjects, students participating in the private education for the purpose of 'Study in advance' and 'Child care, etc.' showed a year-on-year increase. As for 'Artistic & physical skills, hobbies and culture', students participating in the private education for the purpose of 'Child care, etc.' showed a year-on-year increase.

- As for private education of general subjects by purpose, the share of 'Study in advance' and 'Child care, anxiety, making friends, etc.' went up by 1.7%p and 0.6%p, respectively. The share of 'Preparation for higher school level' and 'Makeup for classes' went down by 1.8%p and 0.6%p, respectively.
- As for elementary and middle school students, 'Makeup for classes' and 'Study in advance' were major purposes of private education. As for high school students, 'Makeup for classes' and 'Preparation for higher school level' were major purposes of private education.

【 Private education of general subjects by purpose 】

(Unit: %, %p)

Classification		Preparation for higher school level	Study in advance	Makeup for classes	Child care, anxiety, making friends, etc.
Total	2018	17.5	21.3	49.0	12.2
	2019	15.8	22.9	48.5	12.8
	Change from the previous year	-1.8	1.7	-0.6	0.6
School level	Elementary school	7.5	24.3	48.3	19.9
	Middle school	18.0	25.9	49.9	6.3
	High school	31.9	16.5	47.3	4.3

* It is a multiple response item. All the responses are converted to the total of 100.

- As for private education of 'Artistic & physical skills, hobbies and culture' by purpose, the share of 'Child care, etc.' went up by 3.2%p. The share of 'Preparation for higher school level' and 'Hobbies, culture and development of ability' went down by 1.1%p and 1.0%p, respectively.
- As for elementary and middle school students, 'Hobbies, culture and development of ability' was the major purpose of private education. As for high school students, 'Preparation for higher school level' and 'Hobbies, culture and development of ability' were major purposes of private education.

【 Private education of 'Artistic & physical skills, hobbies and culture' by purpose 】

(Unit: %, %p)

Classification		Preparation for higher school level	Makeup for classes	Hobbies, culture and development of ability	To make friends	Child care and others
Total	2018	10.0	8.9	59.6	9.0	12.4
	2019	8.9	8.2	58.6	8.7	15.6
	Change from the previous year	-1.1	-0.7	-1.0	-0.3	3.2
School level	Elementary school	3.6	8.6	59.7	9.7	18.4
	Middle school	16.3	5.7	64.0	6.7	7.3
	High school	46.8	7.6	40.4	2.3	2.9

* It is a multiple response item. All the responses are converted to the total of 100.

8. Private education expenditures and participation rate by household income

The higher household income level, the higher education expenditures and participation rate.

- The average monthly expenditures for households earning 8 million won and over marked 539 thousand won per student. The average monthly expenditures for households earning less than 2 million won marked 104 thousand won per student. Compared to 2018, all household income groups showed an increase.
- The participation rate of households earning '7 million won ~ less than 8 million won' stood at 87.0%, rising by 3.3%p from 2018. The participation rate of households earning '6 million won ~ less than 7 million won' stood at 83.6%, rising by 2.6%p from 2018.

【 Average monthly private education expenditures per student and participation rate by household income 】

Classification	Private education expenditures (10 thousand won, %)			Participation rate (% , %p)		
	2018	2019	Percent change	2018	2019	Change from the previous year
Total	29.1	32.1	10.4	72.8	74.8	1.9
Less than 2 million won	9.9	10.4	5.2	47.3	47.0	-0.3
2 million ~ less than 3 million won	15.6	17.0	9.1	59.4	60.4	1.0
3 million ~ less than 4 million won	22.2	23.4	5.5	70.7	70.7	0.1
4 million ~ less than 5 million won	27.9	30.0	7.5	75.6	78.0	2.3
5 million ~ less than 6 million won	32.9	35.4	7.7	79.1	79.8	0.7
6 million ~ less than 7 million won	37.3	40.4	8.1	81.1	83.6	2.6
7 million ~ less than 8 million won	42.2	46.4	9.7	83.7	87.0	3.3
8 million won and over	50.5	53.9	6.6	84.0	85.1	1.1

9. Private education expenditures and participation rate by parents' economic activity

'Dual income households' recorded the highest private education expenditures and the highest participation rate.

- The average monthly expenditures of 'Dual income households' recorded 339 thousand won per student, up 10.7% from 2018.
- The average monthly expenditures of 'Single income households by fathers' and 'Single income households by mothers' recorded 326 thousand won and 203 thousand won, respectively.

【 Average monthly private education expenditures per student and participation rate by parents' economic activity 】

Classification	Private education expenditures (10 thousand won, %)			Participation rate (% , %p)		
	2018	2019	Percent change	2018	2019	Change from the previous year
Total	29.1	32.1	10.4	72.8	74.8	1.9
- Single income households	27.9	30.6	9.8	72.1	73.7	1.6
Father	29.7	32.6	9.6	74.9	76.2	1.3
Mother	18.5	20.3	9.8	57.7	60.4	2.8
- Dual income households	30.7	33.9	10.7	74.6	77.0	2.3
- Economically inactive households	11.6	11.9	2.3	41.1	37.4	-3.7

10. Private education expenditures and participation rate by school performance

The higher school performance, the higher average monthly private education expenditures and participation rate.

- The average monthly expenditures of students recording 'Within top 10%' of school performance amounted to 475 thousand won, rising by 23.7% from 2018. Whereas, the average monthly expenditures of students recording 'Within bottom 20%' of school performance amounted to 248 thousand won, rising by 17.5% from 2018.
- The participation rate of students recording 'Within top 10%' of school performance stood at 72.3%. In the meantime, the participation rate of students recording 'Within bottom 20%' of school performance stood at 48.9%. All school performance groups showed an increase in the participation rate.

【 Average monthly private education expenditures per high school student and participation rate by school performance 】

Classification	Private education expenditures (10 thousand won, %)			Participation rate (% , %p)		
	2018	2019	Percent change	2018	2019	Change from the previous year
Total	32.1	36.5	13.6	58.5	61.0	2.4
Within top 10%	38.4	47.5	23.7	65.8	72.3	6.5
11 ~ 30%	38.7	43.0	11.1	64.9	67.8	2.9
31 ~ 60%	34.8	38.5	10.8	61.0	62.8	1.8
61 ~ 80%	29.0	32.6	12.7	55.5	57.2	1.7
81 ~ 100%	21.1	24.8	17.5	47.4	48.9	1.5

* From 2018, data by school performance cover only high school students.

11. Private education expenditures and participation rate by number of children

The smaller number of children, the higher private education expenditures and participation rate.

- The average monthly expenditures of households with 1 child showed the highest figure of 361 thousand won per student, which was followed by households with 2 children (341 thousand won) and households with 3 children or more (245 thousand won).
- The participation rate of households with 1 child showed the highest figure of 77.2%, which was followed by households with 2 children (77.1%) and households with 3 children or more (67.3%).

【 Average monthly private education expenditures per student by number of children 】

Classification	Private education expenditures (10 thousand won, %)			Participation rate (% , %p)		
	2018	2019	Percent change	2018	2019	Change from the previous year
Total	29.1	32.1	10.4	72.8	74.8	1.9
1 child	32.4	36.1	11.4	75.6	77.2	1.6
2 children	30.8	34.1	10.8	74.6	77.1	2.5
3 children or more	22.5	24.5	8.7	66.5	67.3	0.8

12. Private education expenditures and participation rate by area

Among 4 regions, Seoul showed the highest figure of private education expenditures.

- As for the average monthly expenditures per student by region, Seoul marked the highest figure, which was followed by cities, metropolitan cities and 'Eup & Myeon'.
 - Compared to 2018, 'Eup & Myeon' (11.8%) showed the highest increase in the average monthly expenditures per student, which was followed by cities (10.9%), metropolitan cities (10.7%) and Seoul (9.6%).
- As for the average monthly expenditures per participation student by region, Seoul marked the highest figure, which was followed by cities, metropolitan cities and 'Eup & Myeon'.
 - Compared to 2018, Seoul (9.4%) showed the highest increase in the average monthly expenditures per participation student, which was followed by cities (7.9%), 'Eup & Myeon' (7.4%) and metropolitan cities (6.7%).

【 Average monthly private education expenditures per student by region 】

(Unit: 10 thousand won, %)

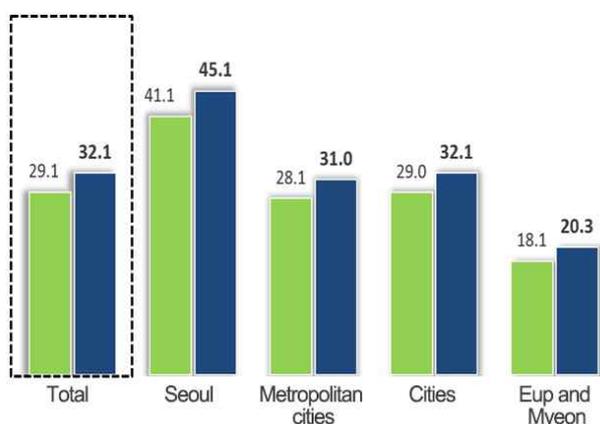
Classification	Total students				
	Total	Seoul	Metropolitan cities	Cities*	Eup and Myeon
2018	29.1	41.1	28.1	29.0	18.1
2019	32.1	45.1	31.0	32.1	20.3
Percent change	10.4	9.6	10.7	10.9	11.8
Elementary school	29.0	38.5	27.9	29.4	19.8
Middle school	33.8	46.3	32.9	34.3	21.3
High school	36.5	55.6	35.3	35.7	20.1
Classification	Participation students				
	Total	Seoul	Metropolitan cities	Cities*	Eup and Myeon
2018	39.9	51.5	38.8	39.0	29.2
2019	42.9	56.3	41.4	42.1	31.4
Percent change	7.5	9.4	6.7	7.9	7.4
Elementary school	34.7	44.0	33.4	34.7	26.4
Middle school	47.4	60.0	45.8	47.2	34.9
High school	59.9	80.6	57.4	57.1	42.7

* Cities: Dong in cities excluding Seoul and 6 metropolitan cities

【 Average monthly private education expenditures per student by region 】

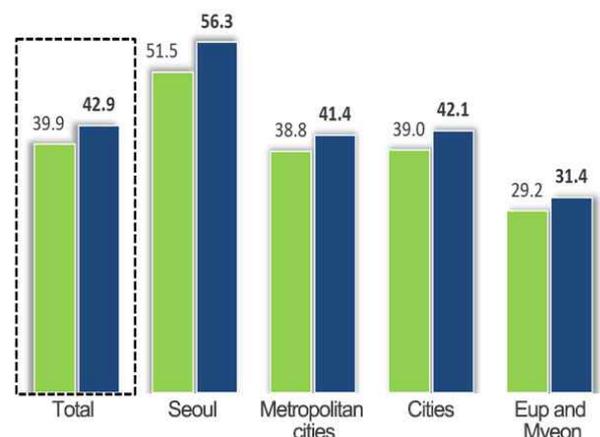
(Total students)

■ 2018 ■ 2019 (Unit: 10 thousand won)



(Participation students)

■ 2018 ■ 2019 (Unit: 10 thousand won)



As for the average monthly private education expenditures of the total students, Seoul, Gyeonggi, Sejong and Daegu recorded high figures. As for the average monthly private education expenditures of participation students, Seoul, Gyeonggi and Daegu recorded high figures.

- As for the private education participation rate by metropolitan city and province, Sejong, Seoul, Gyeonggi, Busan, Daegu and Incheon recorded a higher figure compared to the nation.
- As for the private education expenditures of participation students by metropolitan city and province, Seoul, Gyeonggi and Daegu recorded a higher figure compared to the nation.
 - As for the private education expenditures of high school participation students by metropolitan city and province, Seoul recorded the highest figure of 806 thousand won, which was followed by Gyeonggi (636 thousand won) and Daegu (610 thousand won).
 - As for the private education expenditures of middle school participation students by metropolitan city and province, Seoul recorded the highest figure of 600 thousand won, which was followed by Sejong (505 thousand won) and Gyeonggi (486 thousand won).
 - As for the private education expenditures of elementary school participation students by metropolitan city and province, Seoul recorded the highest figure of 440 thousand won, which was followed by Gyeonggi (383 thousand won) and Daegu (351 thousand won).

【 Average monthly private education expenditures per student and participation rate by metropolitan city and province 】

Classification	Participation rate (%)	Private education expenditures (10 thousand won)				
		Total students	Participation students	Elementary school	Middle school	High school
Total	74.8	32.1	42.9	34.7	47.4	59.9
Seoul	80.0	45.1	56.3	44.0	60.0	80.6
Busan	75.9	31.6	41.6	34.1	44.8	57.2
Daegu	75.5	32.9	43.5	35.1	46.6	61.0
Incheon	75.1	31.3	41.6	33.4	46.5	59.4
Gwangju	73.7	27.6	37.4	29.6	43.5	50.2
Daejeon	74.5	31.1	41.7	33.3	46.1	58.2
Ulsan	73.0	27.4	37.6	31.1	42.5	49.9
Sejong	81.3	34.1	42.0	34.8	50.5	58.8
Gyeonggi	78.3	35.8	45.8	38.3	48.6	63.6
Gangwon	65.7	22.0	33.4	28.9	34.8	44.7
Chungbuk	69.0	24.3	35.2	29.5	40.9	46.6
Chungnam	69.4	23.7	34.2	27.5	41.1	45.9
Jeonbuk	68.3	23.9	35.0	26.7	41.6	47.6
Jeonnam	60.9	18.1	29.8	21.8	38.9	40.7
Gyeongbuk	69.7	22.5	32.2	26.7	38.8	40.4
Gyeongnam	72.0	24.8	34.5	28.7	41.5	43.8
Jeju	72.1	25.8	35.7	27.7	44.2	50.4

II. After-school Programs, EBS Textbooks and Language Courses

1. Education expenditures and participation rate by year

The after-school program participation rate recorded 48.4%. The language course participation rate recorded 0.6%.

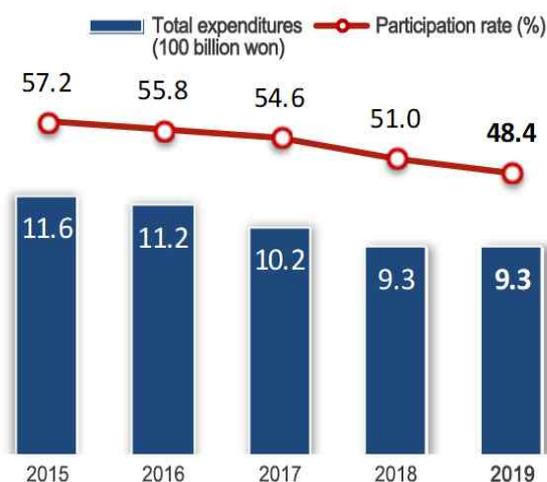
- The expenditures on after-school programs amounted to 930 billion won, which dropped by 0.1% from 2018. The paid and free after-school program participation rate stood at 48.4%, down 2.5%p from 2018.
- The expenditures on language courses amounted to 450 billion won, which declined by 7.6% from 2018. In the meantime, the language course participation rate recorded 0.6%, up 0.1%p from 2018.

【 Expenditures and participation rate of after-school programs and language courses by year 】

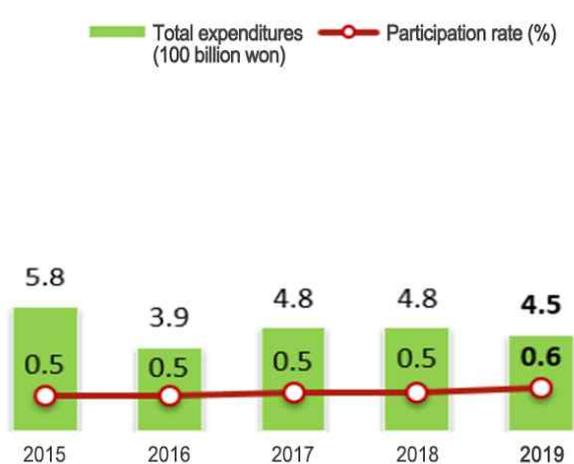
Classification	Total education expenditures (100 million won, %)					Participation rate (% , %p)*				
	2015	2016	2017	2018	2019	2015	2016	2017	2018	2019
After-school programs	11,647	11,174	10,175	9,258	9,250	57.2	55.8	54.6	51.0	48.4
Year-on-year	- 7.5	- 4.1	- 8.9	- 9.0	-0.1	- 2.1	- 1.4	- 1.2	- 3.7	-2.5
Language courses	5,795	3,864	4,787	4,820	4,451	0.5	0.5	0.5	0.5	0.6
Year-on-year	- 6.4	- 33.3	23.9	0.7	-7.6	- 0.1	0.0	0.0	0.0	0.1

* Expenditures and participation rate of paid and free after-school programs

【 Expenditures and participation rate of after-school programs 】



【 Expenditures and participation rate of language courses 】



2. After-school program participation rate

The paid and free after-school program participation rate stood at 48.4% in 2019. The paid after-school program participation rate stood at 37.2% in 2019.

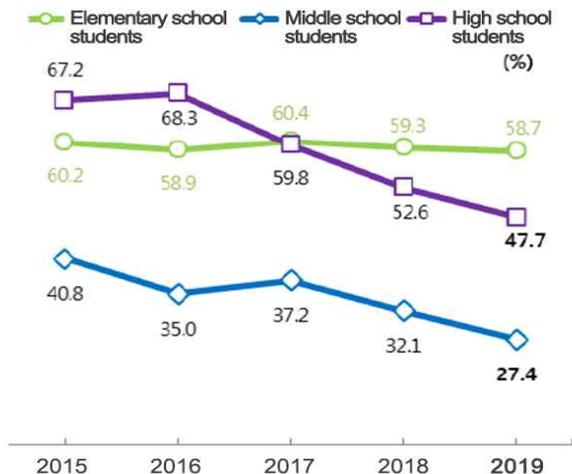
- The paid and free after-school program participation rate marked 48.4% in 2019, falling by 2.5%p from 2018.
 - Compared to 2018, the paid and free after-school program participation rate of high school students, middle school students and elementary school students dropped by 4.9%p, 4.7%p and 0.6%p, respectively.
- The paid after-school program participation rate marked 37.2% in 2019, falling by 2.6%p from 2018.
 - Compared to 2018, the paid after-school program participation rate of high school students, middle school students and elementary school students fell by 5.2%p, 4.7%p and 0.6%p, respectively.

【 After-school program participation rate by school level 】

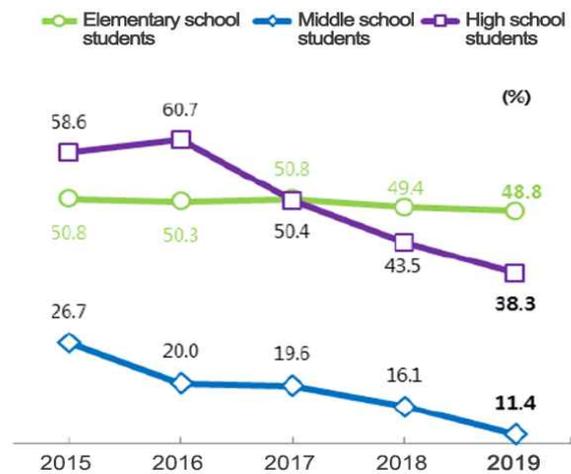
(Unit: %, %p)

Classification	Paid and free after-school program participation rate				Paid after-school program participation rate			
	2017	2018	2019	Change from the previous year	2017	2018	2019	Change from the previous year
Total	54.6	51.0	48.4	-2.5	43.2	39.8	37.2	-2.6
Elementary school	60.4	59.3	58.7	-0.6	50.8	49.4	48.8	-0.6
Middle school	37.2	32.1	27.4	-4.7	19.6	16.1	11.4	-4.7
High school	59.8	52.6	47.7	-4.9	50.4	43.5	38.3	-5.2

【 Paid and free after-school program participation rate 】



【 Paid after-school program participation rate 】



3. Percentage of students purchasing EBS textbooks for autonomous learning

The percentage of students purchasing EBS textbooks for autonomous learning stood at 15.4% in 2019, down 0.3%p from 2018.

- High school students showed the highest percentage of students purchasing EBS textbooks at 32.0%, which was followed by elementary school students (9.7%) and middle school students (9.4%).
 - Compared to 2018, the share of high school students purchasing EBS textbooks went down by 3.0%p, while the share of elementary school students and middle school students went up by 1.4%p and 0.8%p, respectively.

【 Percentage of students purchasing EBS textbooks by school level 】

(Unit: %, %p)

Classification	Total	Elementary school	Middle school	High school
		2018	15.7	8.3
2019	15.4	9.7	9.4	32.0
Change from the previous year	-0.3	1.4	0.8	-3.0

4. Language course participation rate

The language course participation rate recorded 0.6% in 2019, up 0.1%p from 2018.

- As for language course participation rate by school level, elementary, middle and high school students recorded 0.8%, 0.6% and 0.3%, respectively.
- Compared to 2018, the share of middle school students participating in language course went down by 0.1%p, while the share of elementary school students participating in language course went up by 0.1%p.

【 Language course participation rate by school level 】

(Unit: %, %p)

Classification	Total	Elementary school	Middle school	High school
		2018	0.5	0.6
2019	0.6	0.8	0.6	0.3
Change from the previous year	0.1	0.1	-0.1	0.0