



Statistics Korea

# Press Release

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새로운 국민의 나라

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## Private Education Expenditures Survey of Elementary, Middle and High School Students in 2023

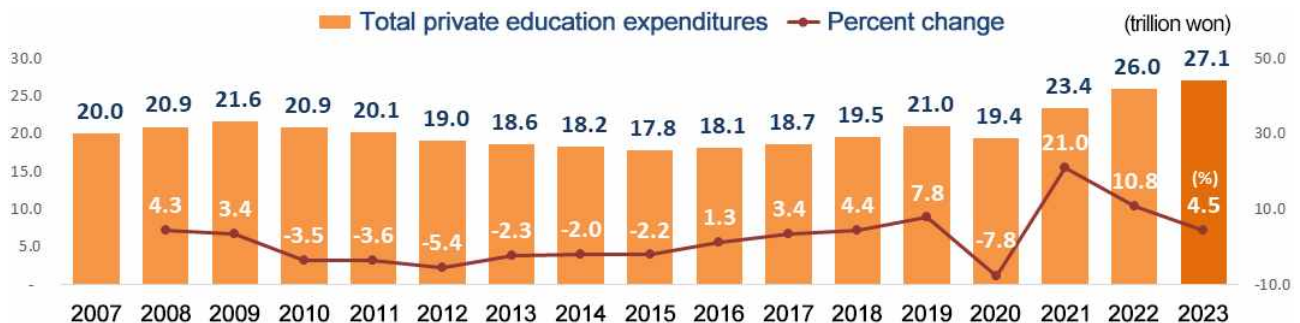
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## Private Education Expenditures Survey of Elementary, Middle and High School Students in 2023

**The total private education expenditures of elementary, middle and high school students recorded 27.1 trillion won in 2023, which rose by 1.2 trillion won (4.5%) from 2022.**

- As for the total private education expenditures by school level, elementary school students recorded 12.4 trillion won in 2023, which rose by 4.3% from 2022. Middle school students recorded 7.2 trillion won in 2023, which rose by 1.0% from 2022. High school students recorded 7.5 trillion won in 2023, which rose by 8.2% from 2022.

\* Change in the number of students: 5.28 million persons (2022) → 5.21 million persons (<a drop of 70 thousand persons (1.3%)>



**The private education participation rate stood at 78.5% in 2023, up 0.2%p from 2022. The weekly participation hours marked 7.3 hours per student in 2023, which grew by 0.1 hour from 2022.**

- As for the private education participation rate by school level, elementary school students stood at 86.0% in 2023, up 0.8%p from 2022. Middle school students stood at 75.4% in 2023, down 0.8%p from 2022. High school students stood at 66.4% in 2023, up 0.5%p from 2022.
- As for the private education participation hours by school level, elementary school students marked 7.5 hours in 2023, rising by 0.1 hour from 2022. Middle school students marked 7.4 hours in 2023, falling by 0.1 hour from 2022. High school students marked 6.7 hours in 2023, rising by 0.1 hour from 2022.

**The average monthly private education expenditures per student recorded 434 thousand won in 2023, rising by 5.8% from 2022. The average monthly private education expenditures per participation student recorded 553 thousand won in 2023, rising by 5.5% from 2022.**

○ (Total students)

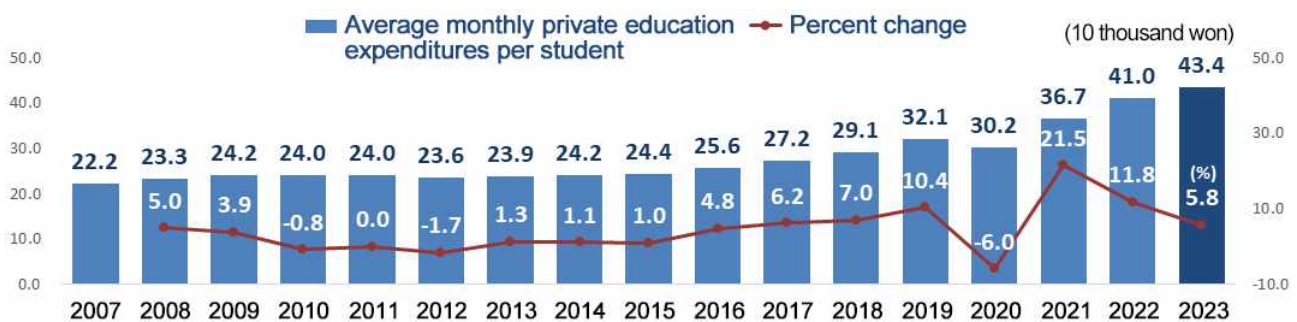
The average monthly private education expenditures per elementary school student recorded 398 thousand won (25 thousand won, 6.8% ↑). The average monthly private education expenditures per middle school student recorded 449 thousand won (12 thousand won, 2.6% ↑). The average monthly private education expenditures per high school student recorded 491 thousand won (32 thousand won, 6.9% ↑).

\* General subjects: 326 thousand won <a rise of 16 thousand won (5.3%↑)>, Artistic & physical skills, hobbies and culture: 105 thousand won <a rise of 7 thousand won (7.1%↑)>

○ (Participation students)

The average monthly private education expenditures per elementary school participation student marked 462 thousand won (25 thousand won, 5.7% ↑). The average monthly private education expenditures per middle school participation student marked 596 thousand won (21 thousand won, 3.7% ↑). The average monthly private education expenditures per high school participation student marked 740 thousand won (43 thousand won, 6.1% ↑).

\* General subjects: 518 thousand won <a rise of 28 thousand won (5.7%↑)>, Artistic & physical skills, hobbies and culture: 226 thousand won <a rise of 10 thousand won (4.7%↑)>



**The average monthly private education expenditures on general subjects amounted to 326 thousand won per student in 2023, rising by 5.3% from 2022. The average monthly private education expenditures on general subjects amounted to 518 thousand won per participation student in 2023, rising by 5.7% from 2022.**

○ (Total students)

The average monthly private education expenditures on English recorded the highest figure of 128 thousand won per student, which was followed by mathematics (122 thousand won), Korean (38 thousand won) and 'Social studies and science' (19 thousand won).

- Compared to 2022, the average monthly private education expenditures on Korean (11.1%), 'Social studies and science' (8.2%), mathematics (5.6%) and English (3.8%) recorded an increase.

○ (Participation students)

The average monthly private education expenditures on English recorded the highest figure of 248 thousand won per participation student, which was followed by mathematics (233 thousand won), Korean (148 thousand won) and 'Social studies and science' (137 thousand won).

- Compared to 2022, the average monthly private education expenditures on Korean (8.2%), 'Social studies and science' (7.4%), mathematics (5.9%) and English (5.0%) recorded an increase.

### **The higher household income level, the higher education expenditures.**

- As for the average monthly private education expenditures, the households earning 8 million won or more recorded the highest figure of 671 thousand won per student. Whereas, the households earning less than 3 million won recorded 183 thousand won per student.
- Compared to 2022, the average monthly private education expenditures of the households earning 8 million won or more rose by 3.5%. The average monthly private education expenditures of the households earning less than 3 million won rose by 3.0%.

### **'Dual income households' recorded the highest private education expenditures.**

- The average monthly private education expenditures of 'Dual income households' recorded 459 thousand won per student, going up by 6.2% from 2022.
- The average monthly expenditures of 'Single income households by fathers' and 'Single income households by mothers' recorded 429 thousand won and 288 thousand won, respectively.

### **As for the average monthly private education expenditures, the share of students spending 700 thousand won or more stood at 22%, up 2.9%p from 2022.**

- As for the average monthly private education expenditures, the share of students spending less than 600 thousand won showed a year-on-year decrease. Whereas, the share of students spending 600 thousand won or more showed a year-on-year increase.

### **As for the private education of general subjects by purpose, 'Makeup for classes' occupied the highest share. As for the private education of artistic and physical skills by purpose, 'Hobbies, culture and development of talent' occupied the highest share.**

- As for the purposes of general subjects, 'Makeup for classes' occupied the highest share at 49.6%, which was followed by 'Study in advance' (24.0%) and 'Preparation for higher school level' (14.2%). Compared to 2022, 'Child care' went up by 0.7%p. Whereas, 'Makeup for classes' and 'Anxiety' recorded a decrease.
- As for the purposes of artistic and physical skills, 'Hobbies, culture and development of talent' occupied the highest share at 63.0%. Compared to 2022, 'Child care' went up by 0.9%p. Whereas, 'Hobbies, culture and development of talent' and 'Makeup for classes' recorded a decrease.

### **The after-school program participation rate stood at 41.0%. The percentage of students purchasing EBS textbooks stood at 16.1%. The language course participation rate stood at 0.5%.**

- Compared to 2022, the after-school program participation rate went up by 4.8%p. The percentage of students purchasing EBS textbooks went down by 0.3%p. The language course participation rate went up by 0.3%p.

## I . Private Education Expenditures of Elementary, Middle and High School Students

### 1. Total private education expenditures

**The total private education expenditures of elementary, middle and high school students recorded 27.1 trillion won in 2023, rising by 4.5% from 2022.**

- The total private education expenditures of elementary, middle and high school students recorded 27.1 trillion won in 2023, rising by 1.2 trillion won (4.5%) from 26 trillion won in 2022.
- The private education expenditures of elementary school students recorded 12.4 trillion won in 2023, rising by 4.3% from 2022. The private education expenditures of middle school students recorded 7.2 trillion won in 2023, rising by 1.0% from 2022. The private education expenditures of high school students recorded 7.5 trillion won in 2023, rising by 8.2% from 2022.
- In 2023, the total number of elementary, middle and high school students was 5.21 million persons, which fell by 70 thousand persons (-1.3%) from 2022.

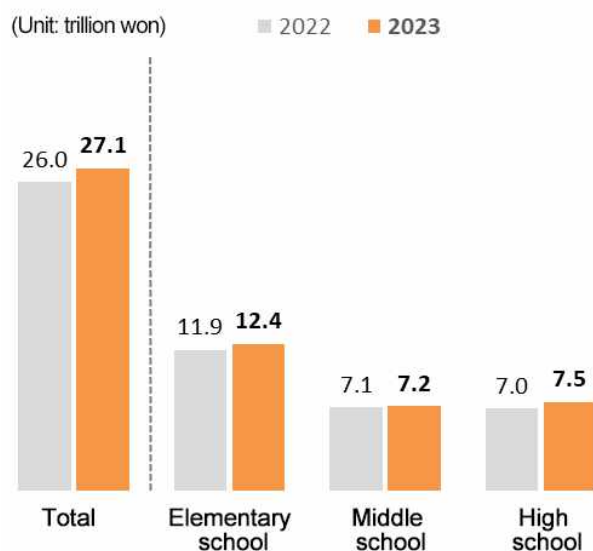
<Table 1> Total private education expenditures

(Unit: 100 million won, %)

Classification	Total	Elementary school	Middle school	High school
2022	259,538	119,055	70,832	69,651
2023	271,144	124,222	71,534	75,389
Percent change	4.5	4.3	1.0	8.2

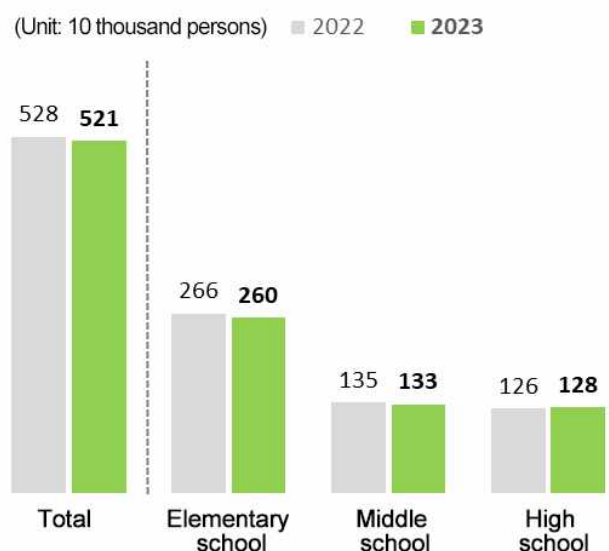
<Figure 1> 【 Total private education expenditures by school level 】

(Unit: trillion won)



<Figure > 【 Total number of students by school level 】

(Unit: 10 thousand persons)



\* Source: Ministry of Education (2023 Basic Education Statistics)

## 2. Private education participation rate and weekly participation hours

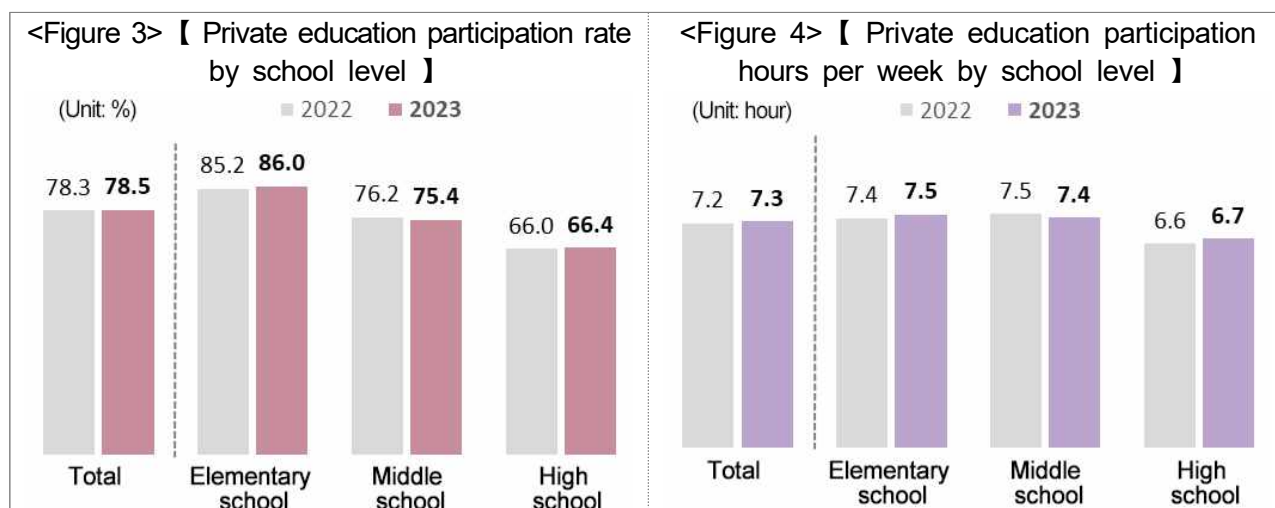
**The private education participation rate of elementary, middle and high school students stood at 78.5% in 2023, up 0.2%p from 2022. The weekly participation hours recorded 7.3 hours per student in 2023, which grew by 0.1 hour from 2022.**

- The participation rate of elementary school students recorded the highest figure at 86.0%, which was followed by middle school students (75.4%) and high school students (66.4%).
  - Compared to 2022, the participation rate of elementary and high school students went up by 0.8%p and 0.5%p, respectively. The participation rate of middle school students went down by 0.8%p.
- The weekly participation hours of elementary school students recorded the highest figure of 7.5 hours, which was followed by middle school students (7.4 hours) and high school students (6.7 hours).
  - Compared to 2022, the weekly participation hours of elementary and high school students went up by 0.1 hour and 0.1 hour, respectively. The weekly participation hours of middle school students went down by 0.1 hour.

<Table 2> Private education participation rate and weekly participation hours by school level  
(Unit: %, %p, hour)

Classification	Private education participation rate				Weekly participation hours			
		Elementary school	Middle school	High school		Elementary school	Middle school	High school
2022	78.3	85.2	76.2	66.0	7.2	7.4	7.5	6.6
2023	78.5	86.0	75.4	66.4	7.3	7.5	7.4	6.7
Change	0.2	0.8	-0.8	0.5	0.1	0.1	-0.1	0.1

※ Data on weekly participation hours covers the total students.



- As for the private education participation rate by grade, 3rd grade elementary school students recorded the highest figure of 89.7%. 1st grade middle school students recorded the highest figure of 76.9%. 1st grade high school students recorded the highest figure of 69.5%.



&lt;Table 3&gt; Private education participation rate by grade

(Unit: %, %p)

Classification	Elementary school							Middle school				High school			
	1st grade	2nd grade	3rd grade	4th grade	5th grade	6th grade		1st grade	2nd grade	3rd grade		1st grade	2nd grade	3rd grade	
2022	85.2	85.7	88.0	87.6	86.3	82.0	82.0	76.2	77.6	76.2	74.7	66.0	69.6	66.8	61.6
2023	86.0	87.7	88.9	89.7	86.9	83.8	80.0	75.4	76.9	76.2	73.0	66.4	69.5	68.4	60.7
Change	0.8	1.9	0.9	2.1	0.7	1.8	-2.0	-0.8	-0.7	0.0	-1.7	0.5	0.0	1.5	-0.9

### 3. Average monthly private education expenditures per student

**The average monthly private education expenditures per student recorded 434 thousand won in 2023, rising by 5.8% from 2022. The average monthly private education expenditures per participation student recorded 553 thousand won in 2023, rising by 5.5% from 2022.**

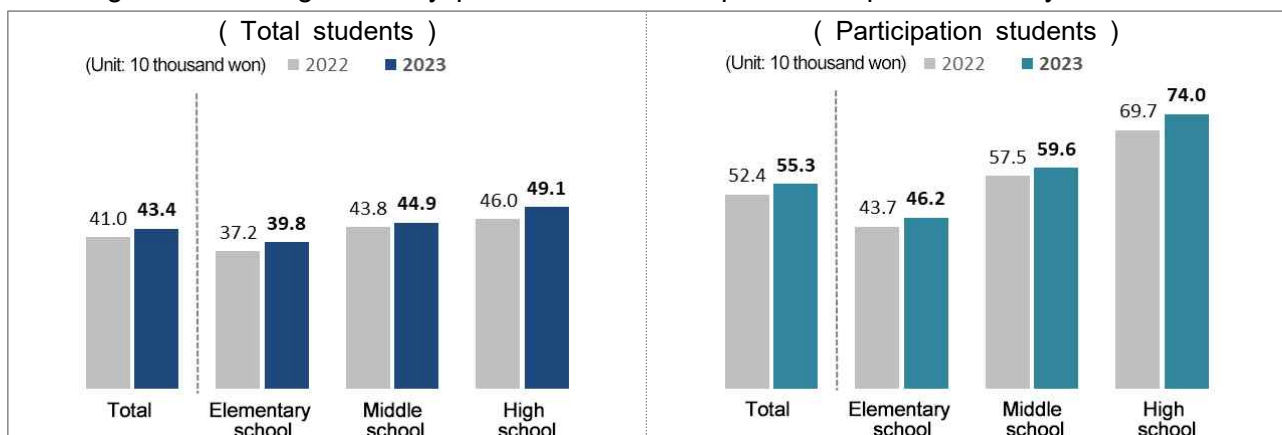
- The average monthly private education expenditures recorded 491 thousand won per high school student, 449 thousand won per middle school student and 398 thousand won per elementary school student. Compared to 2022, the average monthly expenditures of high school students showed the highest increase of 6.9%, which was followed by elementary school students (6.8%) and middle school students (2.6%).
- The average monthly private education expenditures recorded 740 thousand won per high school participation student, 596 thousand won per middle school participation student and 462 thousand won per elementary school participation student. Compared to 2022, the average monthly expenditures of high school students showed the highest increase of 6.1%, which was followed by elementary school students (5.7%) and middle school students (3.7%).

&lt;Table 4&gt; Average monthly private education expenditures per student by school level

(Unit: 10 thousand won, %)

Classification	Total students				Participation students			
		Elementary school	Middle school	High school		Elementary school	Middle school	High school
2022	41.0	37.2	43.8	46.0	52.4	43.7	57.5	69.7
2023	43.4	39.8	44.9	49.1	55.3	46.2	59.6	74.0
Percent change	5.8	6.8	2.6	6.9	5.5	5.7	3.7	6.1

&lt;Figure 5&gt; Average monthly private education expenditures per student by school level



**As for the average monthly private education expenditures by grade, 1st grade high school students marked the highest figure of 515 thousand won per student. 2nd grade high school students marked the highest figure of 745 thousand won per participation student.**

- As for the average monthly private education expenditures per student by grade, 3rd and 4th grade elementary school students recorded the highest figure of 432 thousand won. 2nd grade middle school students recorded the highest figure of 453 thousand won. 1st grade high school students recorded the highest figure of 515 thousand won.
- Compared to 2022, 6th grade elementary school students showed a decrease in the average monthly private education expenditures. The other grade elementary school students, and all grade middle and high school students showed an increase in the average monthly private education expenditures.
- As for the average monthly private education expenditures per participation student by grade, 4th grade elementary school students recorded the highest figure of 496 thousand won. 3rd grade middle school students recorded the highest figure of 615 thousand won. 2nd grade high school students recorded the highest figure of 745 thousand won.
- Compared to 2022, 6th grade elementary school participation students showed a decrease in the average monthly private education expenditures. The other grade elementary school participation students, and all grade middle and high school participation students showed an increase in the average monthly private education expenditures.

<Table 5> (Total students) Average monthly private education expenditures per student by grade  
(Unit: 10 thousand won, %)

(Unit: 10 thousand won, %)

Classification	Elementary school							Middle school				High school			
		1st grade	2nd grade	3rd grade	4th grade	5th grade	6th grade		1st grade	2nd grade	3rd grade		1st grade	2nd grade	3rd grade
2022	37.2	31.4	36.3	38.9	39.4	36.7	40.3	43.8	42.9	43.4	44.9	46.0	49.1	47.0	41.9
2023	39.8	33.6	37.7	43.2	43.2	41.3	39.3	44.9	44.6	45.3	44.9	49.1	51.5	50.9	44.5
Percent change	6.8	6.7	3.7	11.0	9.4	12.4	-2.6	2.6	3.9	4.4	0.0	6.9	4.9	8.3	6.1

<Table 6> (Participation students) Average monthly private education expenditures per student by grade

(Unit: 10 thousand won, %)

Classification	Elementary school							Middle school				High school			
	1st grade	2nd grade	3rd grade	4th grade	5th grade	6th grade		1st grade	2nd grade	3rd grade		1st grade	2nd grade	3rd grade	
2022	43.7	36.7	41.3	44.4	45.7	44.8	49.2	57.5	55.2	56.9	60.1	69.7	70.6	70.4	68.1
2023	46.2	38.3	42.4	48.1	49.6	49.3	49.1	59.6	57.9	59.5	61.5	74.0	74.0	74.5	73.3
Percent change	5.7	4.4	2.6	8.4	8.6	10.0	-0.1	3.7	4.9	4.4	2.3	6.1	4.9	5.9	7.7

#### 4. Average monthly private education expenditures per student by subject

**The average monthly private education expenditures on general subjects amounted to 326 thousand won per student in 2023, going up by 5.3% from 2022. The average monthly private education expenditures on general subjects amounted to 518 thousand won per participation student in 2023, rising by 5.7% from 2022.**



- As for the average monthly private education expenditures on general subjects, English recorded the highest figure of 128 thousand won per student, which was followed by mathematics (122 thousand won), Korean (38 thousand won) and 'Social studies and science' (19 thousand won).
- Compared to 2022, the average monthly private education expenditures on Korean (11.1%), 'Social studies and science' (8.2%), mathematics (5.6%) and English (3.8%) recorded an increase.
- As for the average monthly private education expenditures on general subjects by grade, 5th grade elementary school students spent the highest expenditures on English (131 thousand won). 3rd grade middle school students spent the highest expenditures on mathematics (174 thousand won). 1st grade high school students spent the highest expenditures on mathematics (194 thousand won).
- As for the average monthly private education expenditures on general subjects, English recorded the highest figure of 248 thousand won per participation student, which was followed by mathematics (233 thousand won), Korean (148 thousand won) and 'Social studies and science' (137 thousand won).
- Compared to 2022, the average monthly private education expenditures on Korean (8.2%), 'Social studies and science' (7.4%), mathematics (5.9%) and English (5.0%) recorded an increase.
- As for the average monthly private education expenditures on general subjects by grade, 5th grade elementary school participation students spent the highest expenditures on English (221 thousand won). 3rd grade middle school participation students spent the highest expenditures on mathematics (294 thousand won). 2nd and 3rd grade high school participation students spent the highest expenditures on mathematics (367 thousand won).

<Table 7> (Total students) Average monthly private education expenditures  
per student by subject and grade

(Unit: 10 thousand won, %)

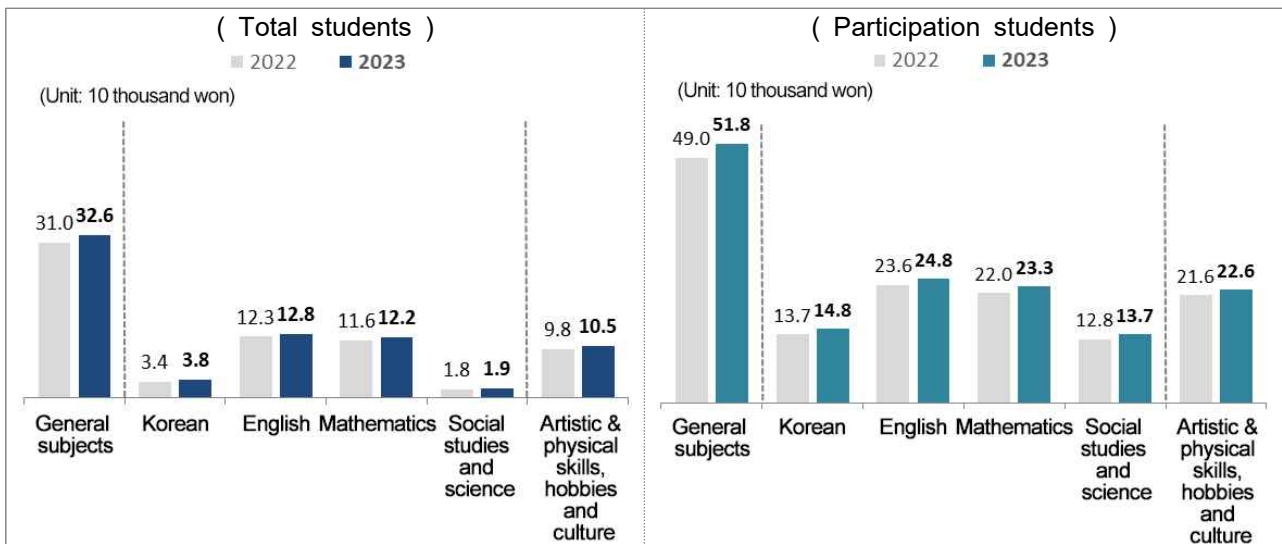
Classification	Total	General subjects					Artistic & physical skills, hobbies and culture
			Korean	English	Mathematics	Social studies and science	
2022	41.0	31.0	3.4	12.3	11.6	1.8	9.8
2023	43.4	32.6	3.8	12.8	12.2	1.9	10.5
Percent change	5.8	5.3	11.1	3.8	5.6	8.2	7.1
Elementary school	39.8	24.7	2.5	11.2	7.5	1.0	15.0
1st grade	33.6	16.1	3.2	6.5	4.5	0.3	17.4
2nd grade	37.7	19.0	2.7	8.9	4.9	0.3	18.6
3rd grade	43.2	25.2	2.3	12.5	6.6	1.1	17.9
4th grade	43.2	27.5	2.5	12.9	8.1	1.2	15.6
5th grade	41.3	29.3	2.4	13.1	9.5	1.3	11.9
6th grade	39.3	29.7	2.0	12.9	10.7	1.4	9.5
Middle school	44.9	39.3	3.1	15.5	16.8	2.2	5.5
1st grade	44.6	38.3	2.4	15.7	16.3	1.6	6.1
2nd grade	45.3	39.9	3.3	16.0	16.8	2.4	5.3
3rd grade	44.9	39.6	3.7	14.9	17.4	2.6	5.2
High school	49.1	41.8	7.1	13.1	17.1	3.7	6.4
1st grade	51.5	47.2	7.3	16.3	19.4	3.6	3.8
2nd grade	50.9	44.1	7.5	13.3	18.3	4.3	6.0
3rd grade	44.5	33.1	6.4	9.0	13.0	3.1	10.0

<Table 8> (Participation students) Average monthly private education expenditures per student by subject and grade

(Unit: 10 thousand won, %)

Classification	Total	General subjects					Artistic & physical skills, hobbies and culture
			Korean	English	Mathematics	Social studies and science	
2022	52.4	49.0	13.7	23.6	22.0	12.8	21.6
2023	55.3	51.8	14.8	24.8	23.3	13.7	22.6
Percent change	5.5	5.7	8.2	5.0	5.9	7.4	4.7
Elementary school	46.2	38.2	8.9	21.4	14.8	7.4	21.4
1st grade	38.3	27.9	8.2	19.5	9.9	7.2	22.0
2nd grade	42.4	31.9	8.6	20.5	11.4	7.2	23.3
3rd grade	48.1	36.6	7.9	21.2	13.2	6.8	23.0
4th grade	49.6	40.8	9.4	21.8	15.5	7.2	21.9
5th grade	49.3	43.3	10.1	22.1	17.0	7.5	19.1
6th grade	49.1	45.1	9.9	21.9	18.9	8.3	18.1
Middle school	59.6	59.2	16.3	26.6	27.5	14.0	18.9
1st grade	57.9	56.5	14.0	26.0	26.2	12.0	17.4
2nd grade	59.5	59.6	16.3	26.8	26.9	13.8	18.4
3rd grade	61.5	61.8	18.3	27.0	29.4	15.9	22.0
High school	74.0	74.6	26.3	30.9	36.0	24.4	40.1
1st grade	74.0	76.0	25.4	31.5	35.0	23.8	24.6
2nd grade	74.5	75.7	27.0	31.1	36.7	27.5	37.5
3rd grade	73.3	70.9	26.6	29.5	36.7	21.5	59.3

<Figure 6> Average monthly private education expenditures per student by subject



## 5. Average monthly private education expenditures per student by type

As for the private education expenditures on general subjects and 'Artistic and physical skills' of the total students, 'Taking lessons at private academic institutes' recorded the highest figure. As for the private education expenditures on general subjects of participation students, 'Taking lessons at private academic institutes' recorded the highest figure. As for the private education expenditures on 'Artistic & physical skills' 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 241 thousand won per student, which was followed by 'One-on-one tutoring' (37 thousand won), 'Group tutoring' (22 thousand won) and 'Internet & correspondence lectures, etc.' (16 thousand won).
- Compared to 2022, the average monthly private education expenditures on 'Taking lessons at private academic institutes' (8.9%) and 'Internet & correspondence lectures, etc.' (7.0%) recorded an increase. Whereas, 'Group tutoring' (-6.9%), 'Textbooks with tutor's visit' (-5.7%) and 'One-on-one tutoring' (-5.3%) recorded a decrease.
- As for general subjects, the average monthly expenditures on 'Taking lessons at private academic institutes' recorded the highest figure of 496 thousand won per participation student, which was followed by 'One-on-one tutoring' (412 thousand won), 'Group tutoring' (293 thousand won) and 'Internet & correspondence lectures, etc.' (141 thousand won).
- Compared to 2022, the average monthly private education expenditures on 'Taking lessons at private academic institutes' (7.5%), 'Group tutoring' (5.8%), 'One-on-one tutoring' (5.0%), 'Textbooks with tutor's visit' (4.7%) and 'Internet & correspondence lectures, etc.' (4.2%) recorded an increase.

<Table 9> (Total students) Average monthly private education expenditures  
per student by type

(Unit: 10 thousand won, %)

	Total	General subjects						Artistic & physical skills, hobbies and culture				
		One-on-one tutoring	Group tutoring	Taking lessons at private academic institutes	Textbooks with tutor's visit	Internet & correspondence lectures, etc.		One-on-one tutoring	Group tutoring	Taking lessons at private academic institutes	Tutor's visit, etc.	
2022	41.0	31.0	3.9	2.3	22.1	1.1	1.5	9.8	1.3	0.6	7.6	0.3
2023	43.4	32.6	3.7	2.2	24.1	1.1	1.6	10.5	1.2	0.5	8.3	0.4
Percent change	5.8	5.3	-5.3	-6.9	8.9	-5.7	7.0	7.1	-2.5	-4.4	9.0	18.6
Elementary school	39.8	24.7	1.8	1.6	17.4	1.9	1.9	15.0	1.1	0.7	12.6	0.6
Middle school	44.9	39.3	4.2	2.8	30.5	0.4	1.3	5.5	1.1	0.5	3.7	0.2
High school	49.1	41.8	6.9	2.6	30.9	0.0	1.5	6.4	1.6	0.3	4.4	0.2

<Table 10> (Participation students) Average monthly private education expenditures  
per student by type

(Unit: 10 thousand won, %)

	Total	General subjects						Artistic & physical skills, hobbies and culture				
		One-on-one tutoring	Group tutoring	Taking lessons at private academic institutes	Textbooks with tutor's visit	Internet & correspondence lectures, etc.		One-on-one tutoring	Group tutoring	Taking lessons at private academic institutes	Tutor's visit, etc.	
2022	52.4	49.0	39.3	27.7	46.2	10.6	13.5	21.6	25.5	16.1	20.2	8.0
2023	55.3	51.8	41.2	29.3	49.6	11.1	14.1	22.6	27.5	16.8	21.2	8.3
Percent change	5.5	5.7	5.0	5.8	7.5	4.7	4.2	4.7	7.8	4.4	5.3	2.6
Elementary school	46.2	38.2	27.9	21.0	37.6	11.3	13.8	21.4	21.5	15.3	20.3	8.0
Middle school	59.6	59.2	41.1	33.5	54.7	10.0	15.1	18.9	25.5	18.0	17.3	8.4
High school	74.0	74.6	55.8	46.9	68.3	9.3	13.9	40.1	51.0	26.5	39.2	10.8

## 6. Private education expenditures and participation rate by household income

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

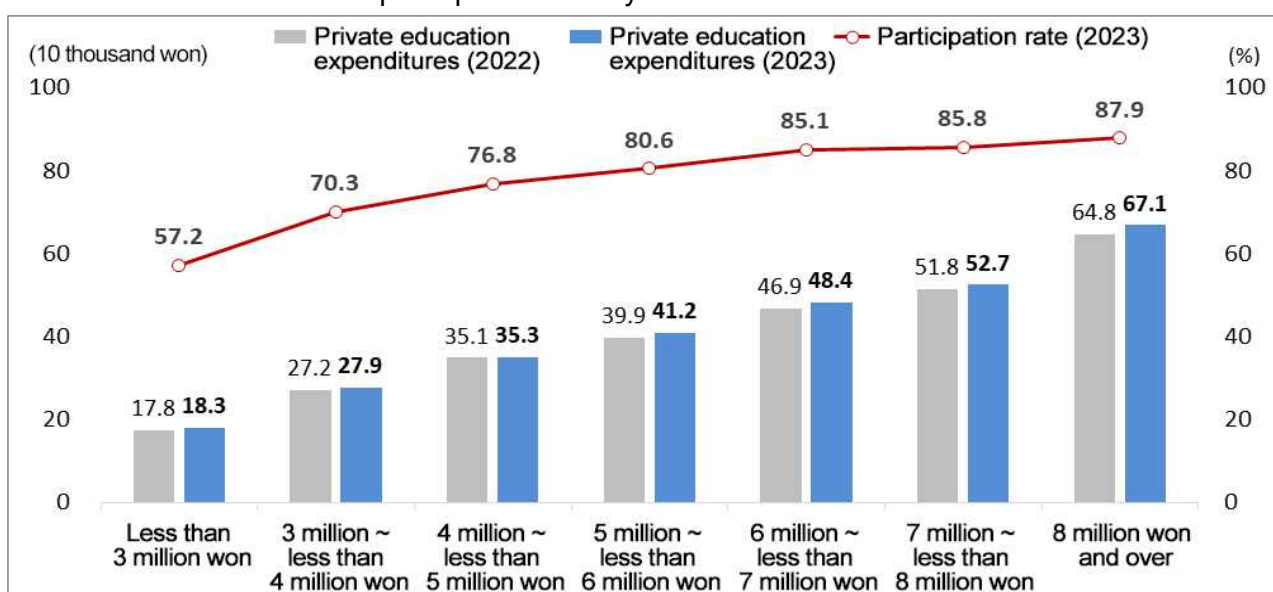
- The average monthly private education expenditures of households earning 8 million won and over marked 671 thousand won, which rose by 3.5% from 2022. The average monthly private education expenditures of households earning less than 3 million won marked 183 thousand won, which rose by 3.0% from 2022.
- The participation rate of households earning 8 million won and over stood at 87.9%, down 0.3%p from 2022. The participation rate of households earning less than 3 million won stood at 57.2%, down 0.1%p from 2022.

<Table 11> Average monthly private education expenditures per student and participation rate by household income

(Unit: 10 thousand won, %, %p)

Classification	Private education expenditures			Participation rate		
	2022	2023	Percent change	2022	2023	Change
Total	41.0	43.4	5.8	78.3	78.5	0.2
Less than 3 million won	17.8	18.3	3.0	57.2	57.2	-0.1
3 million ~ less than 4 million won	27.2	27.9	2.4	70.4	70.3	-0.2
4 million ~ less than 5 million won	35.1	35.3	0.7	78.7	76.8	-1.9
5 million ~ less than 6 million won	39.9	41.2	3.0	81.2	80.6	-0.6
6 million ~ less than 7 million won	46.9	48.4	3.4	84.8	85.1	0.3
7 million ~ less than 8 million won	51.8	52.7	1.8	86.6	85.8	-0.8
8 million won and over	64.8	67.1	3.5	88.1	87.9	-0.3

<Figure 7> Average monthly private education expenditures per student and participation rate by household income



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

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

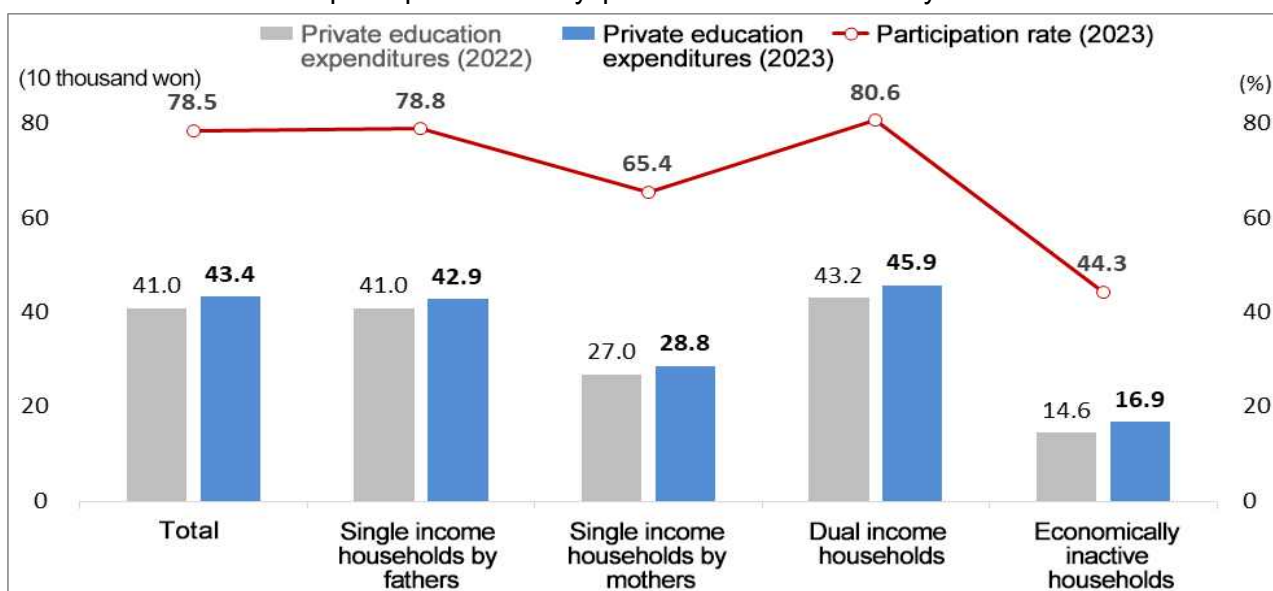
- The average monthly private education expenditures of 'Dual income households' recorded 459 thousand won per student, going up by 6.2% from 2022.
- The average monthly expenditures of 'Single income households by fathers' and 'Single income households by mothers' recorded 429 thousand won and 288 thousand won, respectively.
- The private education participation rate of 'Dual income households' stood at 80.6%, up 0.4%p from 2022.
- The private education participation rate of 'Single income households by fathers' and 'Single income households by mothers' stood at 78.8% and 65.4%, respectively.

<Table 12> Average monthly private education expenditures per student and participation rate by parents' economic activity

(Unit: 10 thousand won, %, %p)

Classification	Private education expenditures			Participation rate		
	2022	2023	Percent change	2022	2023	Change
Total	41.0	43.4	5.8	78.3	78.5	0.2
- Single income households	38.9	40.7	4.5	76.9	76.7	-0.2
Father	41.0	42.9	4.6	79.3	78.8	-0.4
Mother	27.0	28.8	6.5	63.8	65.4	1.6
- Dual income households	43.2	45.9	6.2	80.2	80.6	0.4
- Economically inactive households	14.6	16.9	15.8	41.7	44.3	2.6

<Figure 8> Average monthly private education expenditures per student and participation rate by parents' economic activity





## 8. Private education expenditures and participation rate by the number of children

**As for the average monthly private education expenditures and the participation rate, the households with 1 child showed the highest figure.**

- The average monthly private education expenditures of households with 1 child showed the highest figure of 486 thousand won per student, which was followed by those with 2 children (456 thousand won per student) and those with 3 children or more (334 thousand won per student).
- The participation rate of households with 1 child showed the highest figure of 82.0%, which was followed by those with 2 children (80.6%) and those with 3 children or more (70.2%).

<Table 13> Average monthly private education expenditures per student by the number of children  
(Unit: 10 thousand won, %, %p)

Classification	Private education expenditures			Participation rate		
	2022	2023	Percent change	2022	2023	Change
Total	41.0	43.4	5.8	78.3	78.5	0.2
1 child	46.1	48.6	5.5	81.5	82.0	0.5
2 children	43.0	45.6	6.0	80.5	80.6	0.1
3 children or more	32.0	33.4	4.4	70.0	70.2	0.2

## 9. Private education expenditures and participation rate of high school students by school performance

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

- The average monthly private education expenditures of students recording 'Within top 10%' of school performance amounted to 616 thousand won, rising by 4.3% from 2022. On the other hand, the average monthly expenditures of students recording 'Within bottom 20%' of school performance amounted to 336 thousand won, rising by 4.2% from 2022.
- The participation rate of students recording 'Within top 10%' of school performance stood at 76.1%, down 1.5%p from 2022. In the meantime, the participation rate of students recording 'Within bottom 20%' of school performance stood at 53.9%, down 0.1%p from 2022.

<Table 14> Average monthly private education expenditures per high school student and participation rate by school performance

(Unit: 10 thousand won, %, %p)

Classification	Private education expenditures			Participation rate		
	2022	2023	Percent change	2022	2023	Change
Total	46.0	49.1	6.9	66.0	66.4	0.5
Within top 10%	59.0	61.6	4.3	77.5	76.1	-1.5
11~30%	54.5	58.1	6.6	73.6	73.7	0.0
31~60%	47.8	52.1	9.1	67.5	69.1	1.6
61~80%	41.0	44.0	7.1	61.4	62.1	0.7
81~100%	32.3	33.6	4.2	54.0	53.9	-0.1

\* Since 2018, data by school performance has covered only high school students.



## 10. Private education expenditures and participation rate by area

**Among 4 areas, Seoul showed the highest figure of private education expenditures for the total students and the participation students.**

- As for the average monthly private education expenditures per student by area, Seoul marked the highest figure, which was followed by metropolitan cities, cities and 'Eup & Myeon'.
  - Compared to 2022, all 4 areas of metropolitan cities (7.9%), cities (6.0%), Seoul (5.3%) and 'Eup & Myeon' (2.2%) recorded a rise in private education expenditures per student.
- As for the average monthly private education expenditures per participation student by area, Seoul marked the highest figure, which was followed by metropolitan cities, cities and 'Eup & Myeon'.
  - Compared to 2022, all 4 areas of metropolitan cities (7.3%), cities (5.6%), Seoul (4.8%) and 'Eup & Myeon' (3.2%) recorded a rise in private education expenditures per participation student.

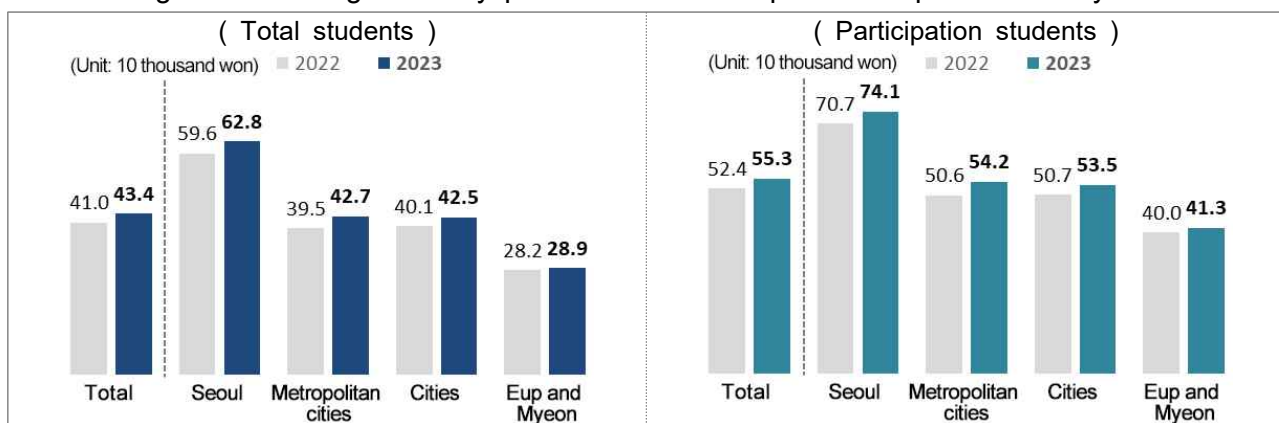
<Table 15> Average monthly private education expenditures per student by area

(Unit: 10 thousand won, %)

Classification	Total students					Participation students				
		Seoul	Metropolitan cities	Cities*	Eup & Myeon		Seoul	Metropolitan cities	Cities*	Eup & Myeon
2022	41.0	59.6	39.5	40.1	28.2	52.4	70.7	50.6	50.7	40.0
2023	43.4	62.8	42.7	42.5	28.9	55.3	74.1	54.2	53.5	41.3
Percent change	5.8	5.3	7.9	6.0	2.2	5.5	4.8	7.3	5.6	3.2
Elementary school	39.8	56.7	40.0	38.5	28.1	46.2	62.1	46.3	44.4	35.4
Middle school	44.9	62.2	44.5	44.9	29.4	59.6	76.0	59.0	58.8	44.3
High school	49.1	74.7	46.2	48.4	30.0	74.0	98.8	69.8	71.3	55.9

\* Cities refer to 'Dong' in cities excluding Seoul and 6 metropolitan cities.

<Figure 9> Average monthly private education expenditures per student by area



**As for the average monthly private education expenditures of the total students by metropolitan city and province, Seoul, Gyeonggi, Sejong, Daegu and Busan recorded a higher figure than the nation. As for the average monthly private education expenditures of participation students by metropolitan city and province, Seoul, Gyeonggi, Daegu and Sejong recorded a higher figure than the nation.**

- As for the private education expenditures of participation students by metropolitan city and province, Seoul, Gyeonggi, Daegu and Sejong 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 (988 thousand won), Gyeonggi (796 thousand won) and Incheon (751 thousand won) recorded a higher figure compared to the nation.
  - As for the private education expenditures of middle school participation students by metropolitan city and province, Seoul (760 thousand won), Daegu (642 thousand won), Gyeonggi (625 thousand won) and Busan (609 thousand won) recorded a higher figure compared to the nation.
  - As for the private education expenditures of elementary school participation students by metropolitan city and province, Seoul (621 thousand won), Sejong (493 thousand won), Daegu (485 thousand won), Gyeonggi (466 thousand won) and Busan (464 thousand won) recorded a higher figure compared to the nation.
- As for the private education participation rate by metropolitan city and province, Seoul, Sejong, Gyeonggi, Daegu and Busan recorded a higher figure than the nation.

<Table 16> Average monthly private education expenditures per student and participation rate by metropolitan city and province

(Unit: 10 thousand won, %)

Classification	Total students				Participation students				Participation rate			
		Elementary school	Middle school	High school		Elementary school	Middle school	High school		Elementary school	Middle school	High school
The nation	43.4	39.8	44.9	49.1	55.3	46.2	59.6	74.0	78.5	86.0	75.4	66.4
Seoul	62.8	56.7	62.2	74.7	74.1	62.1	76.0	98.8	84.8	91.3	81.9	75.5
Busan	43.4	40.9	46.4	45.8	54.2	46.4	60.9	68.7	80.1	88.1	76.3	66.6
Daegu	45.9	42.2	50.6	48.5	57.2	48.5	64.2	71.5	80.2	87.0	78.8	67.9
Incheon	42.4	39.2	42.6	48.9	54.9	46.2	57.8	75.1	77.3	84.9	73.7	65.2
Gwangju	39.6	37.7	42.7	40.2	51.9	45.7	55.8	63.0	76.3	82.5	76.5	63.9
Daejeon	41.0	38.1	40.9	46.7	52.6	44.3	56.0	69.4	77.9	86.0	73.1	67.3
Ulsan	36.8	35.9	36.5	39.1	47.1	41.4	50.2	59.4	78.2	86.6	72.8	65.9
Sejong	46.5	45.0	46.8	49.9	55.4	49.3	59.0	70.9	83.9	91.2	79.4	70.4
Gyeonggi	46.9	41.2	49.0	57.1	57.3	46.6	62.5	79.6	81.9	88.3	78.3	71.7
Gangwon	32.4	31.6	34.3	32.1	44.7	38.5	49.2	56.1	72.6	82.2	69.8	57.3
Chungbuk	32.1	32.6	32.7	30.5	44.6	39.6	49.1	54.0	72.0	82.3	66.6	56.5
Chungnam	30.8	29.4	31.7	32.6	43.8	36.7	49.3	57.7	70.2	80.0	64.2	56.6
Jeonbuk	30.2	27.6	33.6	31.7	43.3	35.3	47.9	57.9	69.8	78.0	70.2	54.7
Jeonnam	27.9	26.8	29.8	28.1	41.5	35.5	46.1	51.8	67.3	75.4	64.8	54.2
Gyeongbuk	31.5	31.8	33.6	29.1	42.7	37.4	47.4	52.6	73.8	84.8	70.8	55.3
Gyeongnam	32.4	30.5	34.8	33.6	43.2	37.3	47.1	54.7	74.9	81.8	74.0	61.5
Jeju	34.5	31.8	37.6	36.7	46.0	37.8	53.4	62.3	74.8	84.2	70.5	59.0

## 11. Average monthly private education expenditures by size

The students spending 700 thousand won or more per month on private education occupied 22.0%, up 2.9%p from 2022.

- As for the average monthly private education expenditures, the share of student groups spending less than 600 thousand won showed a year-on-year decrease. Whereas, the share of student groups spending 600 thousand won or more showed a year-on-year increase.
- As for the average monthly private education expenditures by area, Seoul, metropolitan cities and cities showed the highest share of students spending 700 thousand won and over. 'Eup & Myeon' showed the highest share of students spending 100 thousand won ~ less than 200 thousand won.

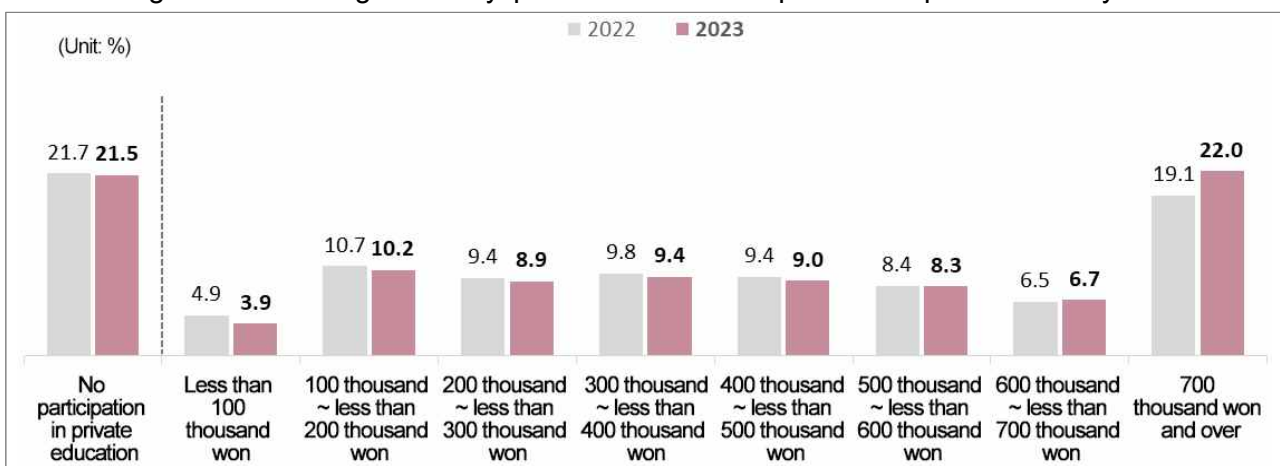
<Table 17> Average monthly private education expenditures per student by size

(Unit: %, %p)

Classification	No participation in private education	Less than 100 thousand won	100 thousand ~ less than 200 thousand won	200 thousand ~ less than 300 thousand won	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
2022	21.7	4.9	10.7	9.4	9.8	9.4	8.4	6.5	19.1
2023	21.5	3.9	10.2	8.9	9.4	9.0	8.3	6.7	22.0
Change	-0.2	-1.0	-0.5	-0.4	-0.4	-0.5	1-0.1	0.2	2.9
Seoul	15.2	3.4	7.1	6.4	7.0	6.7	7.5	7.4	39.2
Metropolitan cities	21.3	3.9	10.4	8.4	9.2	9.4	8.8	7.3	21.2
Cities*	20.5	3.6	10.1	9.4	10.0	9.6	8.7	7.0	21.2
Eup and Myeon	30.1	5.2	13.3	10.7	10.4	8.7	7.4	4.5	9.6

\* Cities refer to 'Dong' in cities excluding Seoul and 6 metropolitan cities.

<Figure 10> Average monthly private education expenditures per student by size



## 12. Private education by purpose

As for the private education of general subjects by purpose, 'Makeup for classes' occupied the highest share. As for the private education of artistic and physical skills by purpose, 'Hobbies, culture and development of talent' occupied the highest share.

- As for the private education of general subjects by purpose, 'Makeup for classes' occupied the highest share at 49.6%, which was followed by 'Study in advance' (24.0%) and 'Preparation for higher school level' (14.2%).
- Compared to 2022, the share of 'Child care' went up by 0.7%p. Whereas, the share of 'Makeup for classes', 'Anxiety' and 'Study in advance' went down by 0.4%p, 0.3%p and 0.1%p, respectively.
- As for the purposes of the private education of general subjects by school level, 'Makeup for classes' and 'Study in advance' were main purposes of elementary and middle school students. 'Makeup for classes' and 'Preparation for higher school level' were main purposes of high school students.

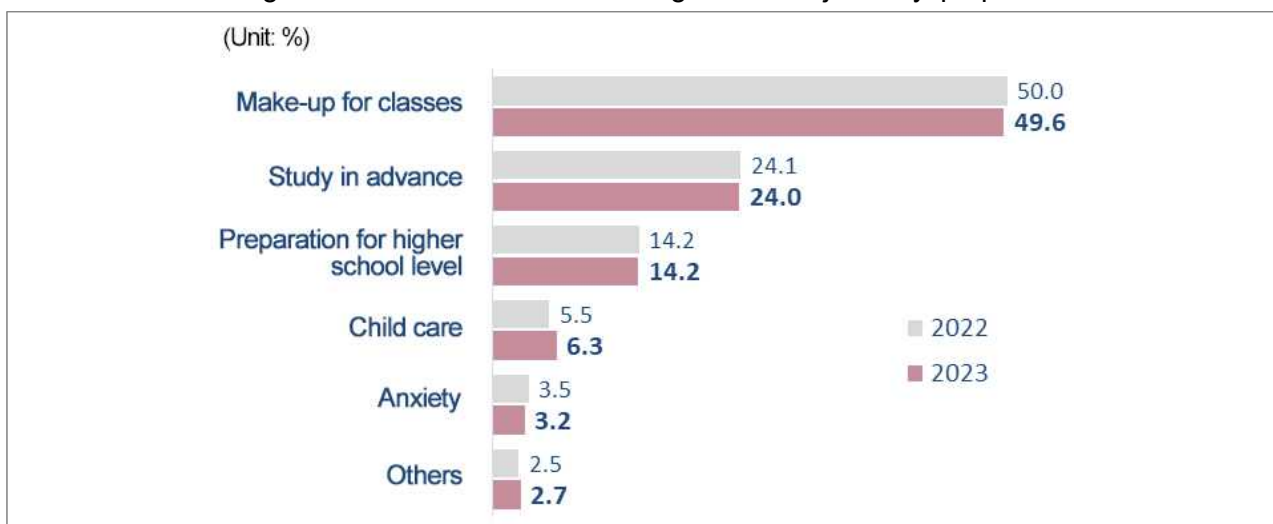
<Table 18> Private education of general subjects by purpose

(Unit: %, %p)

Classification	Preparation for higher school level	Anxiety	Study in advance	Makeup for classes	Child care	Others
2022	14.2	3.5	24.1	50.0	5.5	2.5
2023	14.2	3.2	24.0	49.6	6.3	2.7
Change	-0.0	-0.3	-0.1	-0.4	0.7	0.2
Elementary school	6.1	2.8	25.3	49.8	12.2	3.8
Middle school	15.7	3.6	27.1	51.5	-	2.1
High school	31.3	3.4	17.3	47.1	-	0.9

\* All responses of this multiple response survey item are converted to 100.

<Figure 11> Private education of general subjects by purpose



- As for the purposes of artistic and physical skills, 'Hobbies, culture and development of talent' occupied the highest share at 63.0%.
- Compared to 2022, the share of 'Child care' went up by 0.9%p. Whereas, the share of 'Hobbies, culture and development of talent', 'Makeup for classes', 'Preparation for higher school level' and 'To make friends' dropped by 0.4%p, 0.4%p, 0.1%p and 0.1%p, respectively.
- As for the purposes of the private education of artistic and physical skills by school level, 'Hobbies, culture and development of talent' was a main purpose of elementary and middle school students. 'Preparation for higher school level' and 'Hobbies, culture and development of talent' were main purposes of high school students.

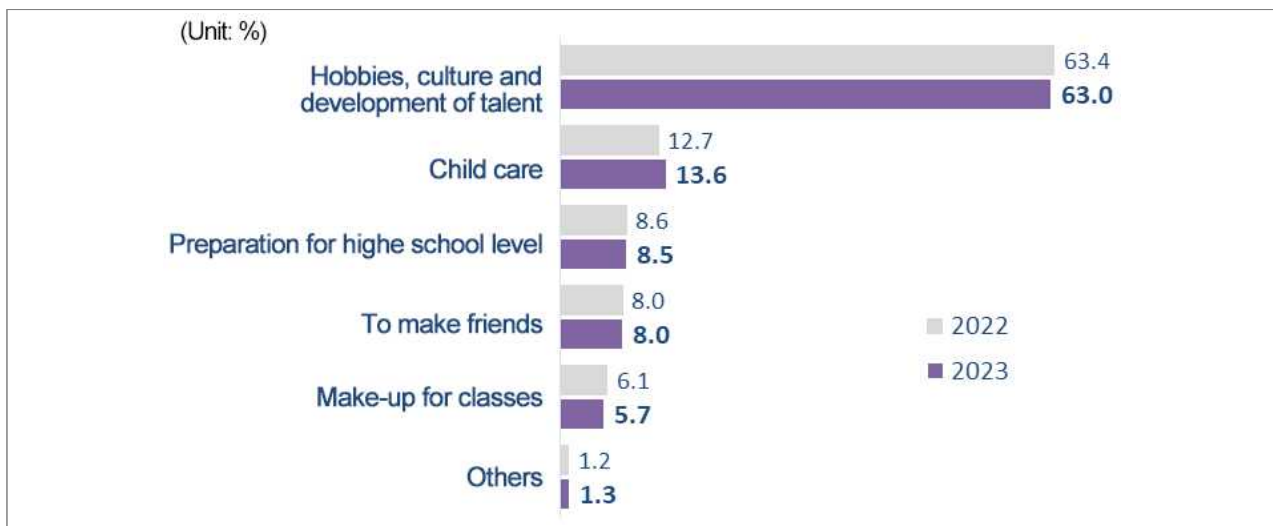
<Table 19> Private education of artistic and physical skills by purpose

(Unit: %, %p)

Classification	Preparation for higher school level	Makeup for classes	Hobbies, culture and development of talent	Child care	To make friends	Others
2022	8.6	6.1	63.4	12.7	8.0	1.2
2023	8.5	5.7	63.0	13.6	8.0	1.3
Change	-0.1	-0.4	-0.4	0.9	-0.1	0.1
Elementary school	3.2	5.9	63.6	17.5	8.8	1.0
Middle school	15.0	4.2	71.7	-	6.6	2.4
High school	47.9	6.7	41.6	-	2.2	1.6

\* All responses of this multiple response survey item are converted to 100.

<Figure 12> Private education of artistic and physical skills by purpose



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

### 1. Expenditures and participation rate of after-school programs

The expenditures on after-school programs amounted to 741.2 billion won. The after-school program participation rate recorded 41.0%.

- The expenditures on after-school programs amounted to 741.2 billion won, which grew by 7.6% from 2022.

<Table 20> Expenditures on after-school programs by school level

(Unit: 100 million won, %)

Classification	Expenditures on after-school programs			
		Elementary school	Middle school	High school
2022	6,886	5,829	184	874
2023	7,412	6,572	151	690
Percent change	7.6	12.7	-17.9	-21.1

- The paid and free after-school program participation rate marked 41.0% in 2023, rising by 4.8%p from 2022. Compared to 2022, the paid and free after-school program participation rate of elementary, middle and high school students went up by 6.3%p, 3.9%p and 3.2%p, respectively.
- The paid after-school program participation rate marked 25.1% in 2023, rising by 0.6%p from 2022. Compared to 2022, the paid after-school program participation rate of elementary and middle school students went up by 2.1%p and 0.3%p, respectively. Whereas, the paid after-school program participation rate of high school students went down by 1.4%p.

<Table 21> Participation rate of after-school programs by school level

(Unit: %, %p)

Classification	Paid and free after-school programs				Paid after-school programs			
		Elementary school	Middle school	High school		Elementary school	Middle school	High school
2022	36.2	47.0	20.2	30.6	24.4	39.6	4.2	14.1
2023	41.0	53.2	24.0	33.8	25.1	41.7	4.5	12.7
Change	4.8	6.3	3.9	3.2	0.6	2.1	0.3	-1.4

## 2. Percentage of students purchasing EBS textbooks for autonomous learning

**The percentage of students purchasing EBS textbooks for autonomous learning stood at 16.1% in 2023, down 0.3%p from 2022.**

- High school students recorded the highest percentage of students purchasing EBS textbooks at 29.8%, which was followed by elementary school students (12.4%) and middle school students (10.3%).
- Compared to 2022, the share of high, middle and elementary school students purchasing EBS textbooks went down by 0.7%p, 0.4%p and 0.3%p, respectively.

<Table 22>Percentage of students purchasing EBS textbooks by school level

(Unit: %, %p)

Classification	Percentage of students purchasing EBS textbooks			
		Elementary school	Middle school	High school
2022	16.4	12.6	10.7	30.5
2023	16.1	12.4	10.3	29.8
Change	-0.3	-0.3	-0.4	-0.7

## 3. Expenditures and participation rate of language courses

**The expenditures on language courses amounted to 161.9 billion won. The language course participation rate stood at 0.5% in 2023.**

- The expenditures on language courses amounted to 161.9 billion won, which rose by 330.9% from 2022.
- The language course participation rate recorded 0.5%, up 0.3%p from 2022. The language course participation rate of elementary, middle and high school students went up by 0.4%p, 0.4%p and 0.1%p, respectively.



<Table 23> Expenditures and participation rate of language courses by school level

(Unit: 100 million won, %, %p)

Classification	Expenditures on language courses				Participation rate of language courses			
		Elementary school	Middle school	High school		Elementary school	Middle school	High school
2022	376	253	95	27	0.2	0.2	0.1	0.1
2023	1,619	958	527	133	0.5	0.6	0.5	0.2
(Percent) change	330.9	278.7	451.8	393.3	0.3	0.4	0.4	0.1

\* Language courses: 8 months (Jan. ~ May, July ~ September)