

Private Education Expenditures Survey in 2014

Summary

The total private education expenditures of elementary, middle and high school students recorded 18.2 trillion won in 2014, which dropped by 2.0 percent from 2013.

- The total private education expenditures recorded 18.2 trillion won in 2014, which showed a continuously downward trend after 2009.
 - The total private education expenditures decreased by 0.4 trillion won ($\Delta 2.0\%$) from 18.6 trillion won in 2013.
- The total private education expenditures of elementary school students amounted to 7.6 trillion won ($\Delta 1.8\%$). The total private education expenditures of middle school students amounted to 5.6 trillion won ($\Delta 3.7\%$). The total private education expenditures of high school students amounted to 5.1 trillion won ($\Delta 0.2\%$).

* The figures in parentheses represent the year-on-year percent change.

※ Number of students: 7,236 thousand persons in 2010 → 6,481 thousand persons in 2013 → 6,286 thousand persons in 2014 (a drop of 3.0 percent)

The average monthly private education expenditures per student increased by 1.1 percent to 242 thousand won in 2014.

- The average monthly private education expenditures per student recorded 242 thousand won in 2014, which rose by 3 thousand won (1.1%) from 2013.
 - The average monthly private education expenditures per elementary student recorded 232 thousand won, which remained the same. The average monthly private education expenditures per middle student recorded 270 thousand won, up 1.2 percent from 2013. The average monthly private education expenditures per high student recorded 230 thousand won, up 2.9 percent from 2013.

* The figures in parentheses represent the year-on-year percent change.

※ The real expenditures per student on private education, which reflect price changes, dropped by 1.5 percent from 210 thousand won in 2013 to 207 thousand won in 2014.

- Real expenditures per student on private education: 240 thousand won in 2010 → 210 thousand won in 2013 → 207 thousand won in 2014

- The average monthly private education expenditures per participation student recorded 352 thousand won in 2014, which increased by 5 thousand won (1.5 percent) from 347 thousand won in 2013.

* The figures in parentheses represent the year-on-year percent change.

The private education participation rate stood at 68.6 percent in 2014, which went down by 0.2%p from 2013.

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- The private education participation rate showed a continuously downward trend.

* Participation rate: 73.6% in 2010 → 68.8% in 2013 → 68.6% in 2014

- The private education participation rate of elementary, middle and high school students marked 81.1 percent ($\Delta 0.7\%p$), 69.1 percent ($\Delta 0.4\%p$) and 49.5 percent (0.3%p), respectively.

* The figures in parentheses represent the year-on-year change.

The weekly participation hours recorded 5.8 hours per student in 2014, which decreased by 0.1 hour from 2013.

- The weekly participation hours recorded 5.8 hours per student in 2014, down 0.1 hour from 5.9 hours in 2013.

* Participation hours: 7.0 hours in 2010 → 5.9 hours in 2013 → 5.8 hours in 2014

- The weekly participation hours of elementary, middle and high school students marked 6.6 hours ($\Delta 0.3$ hour), 6.5 hours (0.0 hour) and 4.0 hours (0.2 hour), respectively.

* The figures in parentheses represent the year-on-year change.

The average monthly private education expenditures on general subjects amounted to 191 thousand won per student in 2014, which fell by 0.2 percent from 2013.

- The average monthly private education expenditures on general subjects decreased by 0.2 percent to 191 thousand won in 2014.

- The average monthly private education expenditures on Korean fell by 15 thousand won ($\Delta 6.2$ percent). The average monthly private education expenditures on English and mathematics rose by 82 thousand won (0.7 percent) and 76 thousand won (3.3 percent), respectively.

* The figures in parentheses represent the year-on-year percent change.

- As for general subjects, the average monthly expenditures per student on 'Taking lessons at private academic institutes' recorded the highest figures of 124 thousand won ($\Delta 0.8\%$), which was followed by 'One-on-one tutoring' (32 thousand won, $\Delta 1.6\%$) and 'Group tutoring' (22 thousand won, $\Delta 1.6\%$).

* The figures in parentheses represent the year-on-year percent change.

The after-school program participation rate recorded 59.3 percent. The percentage of students purchasing EBS textbooks recorded 19.8 percent. The language course participation rate recorded 0.6 percent.

- The expenditures on after-school programs amounted to 1,260 billion won in 2014, up 4.7 percent from 2013. The expenditures on EBS textbooks amounted to 170 billion won, down 8.2 percent from 2013. The expenditures on language courses amounted to 620 billion won, up 5.0 percent from 2013.

* The figures in parentheses represent the year-on-year percent change

- The after-school program participation rate stood at 59.3 percent, which declined by 0.9%p from 2013. The percentage of students purchasing EBS textbooks stood at 19.8 percent in 2014, down 0.8%p from 2013. The language course participation rate recorded 0.6 percent in 2014, which remained the same as the previous year.

* The figures in parentheses represent the year-on-year change.

I . Results of the Private Education Expenditures Survey

1. Total private education expenditures

The total private education expenditures of elementary, middle and high school students amounted to 18.2 trillion won in 2014.

- The total private education expenditures of elementary, middle and high school students amounted to 18.2 trillion won in 2014, which decreased by 2.0 percent from 18.6 trillion won in 2013.
- The private education expenditures of elementary, middle and high school students amounted to 7.6 trillion won, 5.6 trillion won and 5.1 trillion won in 2014.
- The private education expenditures of elementary, middle and high school students recorded a decrease.
- Compared to the previous year, the private education expenditures of elementary, middle and high school students fell by 1.8 percent, 3.7 percent and 0.2 percent, respectively.

< Table 1 > Private education expenditures

(Unit: 100 million won, %)

Classification	2010	2011	Percent change from the previous year	2012	Percent change from the previous year	2013	Percent change from the previous year	2014	Percent change from the previous year
Elementary school	97,080	90,461	-6.8	77,554	-14.3	77,375	-0.2	75,949	-1.8
Middle school	60,396	60,006	-0.6	61,162	1.9	57,831	-5.4	55,678	-3.7
High school	51,242	50,799	-0.9	51,679	1.7	50,754	-1.8	50,671	-0.2

2. Average monthly private education expenditures per student, participation rate and participation hour

The average monthly private education expenditures per student recorded 242 thousand won in 2014. The private education participation rate stood at 68.6 percent in 2014.

- The average monthly private education expenditures per student recorded 242 thousand won in 2014, which increased by 1.1 percent from 239 thousand won in 2013.
- The average monthly expenditures per middle school student amounted to 270 thousand won, which was followed by elementary school students (232 thousand won) and high school students (230 thousand won).
 - Compared to 2013, the average monthly expenditures per middle and high school student grew by 1.2 percent and 2.9 percent, respectively.
- The real expenditures on private education, which reflect price changes, fell by 1.5 percent to 207 thousand won in 2014.
 - ※ The real expenditures per student on private education, which reflect price changes, dropped by 1.5 percent to 207 thousand won in 2014.

< Table 2 > Average monthly private education expenditures per student

Classification	2010	2011	Percent change from the previous year	2012	Percent change from the previous year	2013	Percent change from the previous year	2014	Percent change from the previous year
(Real)	24.0	23.1	-3.8	21.6	-6.5	21.0	-2.8	20.7	-1.5
Elementary school	24.5	24.1	-1.6	21.9	-9.1	23.2	5.9	23.2	0.0
Middle school	25.5	26.2	2.7	27.6	5.3	26.7	-3.3	27.0	1.2
High school	21.8	21.8	0.0	22.4	2.8	22.3	-0.4	23.0	2.9

□ The average monthly private education expenditures per participation student recorded 352 thousand won in 2014, which increased by 1.5 percent from 347 thousand won in 2013.

○ The average monthly expenditures per high school participation student amounted to 464 thousand won, which was followed by middle school participation students (391 thousand won) and elementary school participation students (286 thousand won). The higher school level, the higher education expenditures.

- Compared to 2013, the average monthly expenditures per elementary, middle and high school participation student grew by 1.0 percent, 1.8 percent and 2.2 percent, respectively.

< Table 3 > Average monthly private education expenditures per participation student

Classification	2010	2011	Percent change from the previous year	2012	Percent change from the previous year	2013	Percent change from the previous year	2014	Percent change from the previous year
Elementary school	28.3	28.4	0.4	27.1	-4.6	28.3	4.4	28.6	1.0
Middle school	35.3	36.8	4.2	39.1	6.3	38.4	-1.8	39.1	1.8
High school	41.2	42.2	2.4	44.2	4.7	45.4	2.7	46.4	2.2

□ The private education participation rate stood at 68.6 percent, which marked a continuously downward trend.

○ The participation rate of elementary school students recorded the highest figure. The higher school level, the lower participation rate.

- Elementary school: 81.1% → Middle school: 69.1% → High school: 49.5%

○ Compared to 2013, the participation rate of elementary and middle school students went down by 0.7%p and 0.4%p, respectively. In the meantime, the participation rate of high school students went up by 0.3%p.

< Table 4 > Private education participation rate

Classification	2010	2011	Change from the previous year	2012	Change from the previous year	2013	Change from the previous year	2014	Change from the previous year
Elementary school	86.8	84.6	-2.2	80.9	-3.7	81.8	0.9	81.1	-0.7
Middle school	72.2	71.0	-1.2	70.6	-0.4	69.5	-1.1	69.1	-0.4
High school	52.8	51.6	-1.2	50.7	-0.9	49.2	-1.5	49.5	0.3

The weekly participation hours recorded 5.8 hours per student.

- The weekly participation hours recorded 5.8 hours per student, down 0.1 hour from the previous year.
- The weekly participation hours of elementary school students marked the highest figures. Whereas, the weekly participation hours of high school students marked the lowest figures.
 - Elementary school students: 6.6 hours → Middle school students: 6.5 hours → High school students: 4.0 hours
- Compared to 2013, the weekly participation hours of elementary school students dropped by 0.3 hour, while those of high school students rose by 0.2 hour.

< Table 5 > Participation hour per week

(Unit: hour)

Classification	2010	2011	Change from the previous year	2012	Change from the previous year	2013	Change from the previous year	2014	Change from the previous year
Elementary school	8.2	7.8	-0.4	7.0	-0.8	6.9	-0.1	6.6	-0.3
Middle school	7.7	7.2	-0.5	6.6	-0.6	6.5	-0.1	6.5	0.0
High school	4.1	4.0	-0.1	3.9	-0.1	3.8	-0.1	4.0	0.2

3. Private education expenditures by subject

The average monthly private education expenditures on general subjects amounted to 191 thousand won per student.

- The average monthly private education expenditures on general subjects decreased by 0.2 percent to 191 thousand won in 2014. The average monthly private education expenditures on artistic & physical skills, hobbies and culture increased by 7.0 percent to 50 thousand won in 2014.
- The average monthly private education expenditures on Korean fell by 6.2 percent. In the meantime, the average monthly private education expenditures on mathematics and English rose by 3.3 percent and 0.7 percent, respectively.

- The private education participation rate of mathematics recorded the highest figure at 45.3 percent, which was followed by English (42.9 percent), Korean (18.8 percent) and social studies and science (10.8 percent).
- Compared to 2013, the private education participation rates for all general subjects showed a decline. The private education participation rate of English recorded the highest decrease at 1.1%p, which was followed by Korean (1.0%p), social studies and science (0.7%p) and mathematics (0.5%p).

< Table 6 > Average monthly private education expenditures per student and participation rate by subject

Classification	2013	(Percent) Change from the previous year	2014	(Percent) Change from the previous year	Elementary school	Middle school	High school
Private education expenditures (10 thousand won, %)	23.9	1.3	24.2	1.1	23.2	27.0	23.0
- General subjects	19.1	-1.0	19.1	-0.2	15.2	24.8	19.4
Korean	1.6	-5.9	1.5	-6.2	1.3	1.5	1.8
English	8.1	1.3	8.2	0.7	7.6	10.4	7.0
Mathematics	7.4	-1.3	7.6	3.3	4.5	10.9	9.3
Social studies and science	0.9	-18.2	0.9	0.2	0.7	1.3	0.7
- Artistic & physical skills, hobbies and culture	4.7	11.9	5.0	7.0	7.9	2.2	3.3
Participation rate (% , %p)	68.8	-0.6	68.6	-0.2	81.1	69.1	49.5
- General subjects	57.1	-1.5	56.4	-0.7	62.1	63.9	40.9
Korean	19.8	-2.5	18.8	-1.0	26.3	16.7	9.6
English	44.0	-2.3	42.9	-1.1	45.9	54.1	28.1
Mathematics	45.8	-2.0	45.3	-0.5	45.8	57.2	33.6
Social studies and science	11.5	-2.5	10.8	-0.7	12.6	14.8	4.3
- Artistic & physical skills, hobbies and culture	32.1	1.2	32.6	0.5	57.0	17.0	10.8

4. Private education expenditures by type

The average monthly expenditures per student on 'Taking lessons at private academic institutes' recorded the highest figure, which was followed by 'One-on-one tutoring', 'Group tutoring' and 'Textbooks with tutor's visit'.

- As for general subjects, the average monthly expenditures per student on 'Taking lessons at private academic institutes' recorded the highest figures of 124 thousand won, which was followed by 'One-on-one tutoring' (32 thousand won), 'Group tutoring' (22 thousand won) and 'Textbooks with tutor's visit' (11 thousand won).

- As for general subjects, the participation rate of 'Taking lessons at private academic institutes' recorded the highest figure of 39.1 percent, which was followed by 'Textbooks with tutor's visit' at 12.7 percent, 'Group tutoring' at 10.2 percent and 'One-on-one tutoring' at 9.8 percent.
- As for artistic & physical skills, hobbies and culture, the average monthly expenditures per student on 'Taking lessons at private academic institutes' recorded the highest figures of 37 thousand won, which was followed by 'One-on-one tutoring' (9 thousand won).
- As for artistic & physical skills, hobbies and culture, the participation rate of 'Taking lessons at private academic institutes' recorded the highest figure of 26.4 percent, which was followed by 'One-on-one tutoring' at 4.9 percent.

< Table 7 > Average monthly private education expenditures per student and participation rate by type

Classification	2013	(Percent) Change from the previous year	2014	(Percent) Change from the previous year	Elementary school	Middle school	High school
Private education expenditures (10 thousand won, %)	23.9	1.3	24.2	1.1	23.2	27.0	23.0
- General subjects	19.1	-1.0	19.1	-0.2	15.2	24.8	19.4
One-on-one tutoring	3.3	0.0	3.2	-1.6	1.3	4.0	5.4
Group tutoring	2.2	-4.3	2.2	-1.6	1.8	2.7	2.2
Taking lessons at private academic institutes	12.5	0.8	12.4	-0.8	9.8	17.4	11.6
Textbooks with tutor's visit	1.0	-9.1	1.1	5.7	2.1	0.5	0.0
Internet and correspondence lectures	0.2	0.0	0.2	-0.4	0.2	0.2	0.2
- Artistic & physical skills, hobbies and culture	4.7	11.9	5.0	7.0	7.9	2.2	3.3
One-on-one tutoring	0.8	33.3	0.9	15.7	1.2	0.6	0.9
Group tutoring	0.3	0.0	0.4	23.0	0.7	0.2	0.1
Taking lessons at private academic institutes	3.5	9.4	3.7	5.7	6.0	1.4	2.4
Textbooks with tutor's visit, etc.	0.1	0.0	0.0	-63.7	0.1	0.0	0.0
Participation rate (%, %p)	68.8	-0.6	68.6	-0.2	81.1	69.1	49.5
- General subjects	57.1	-1.5	56.4	-0.7	62.1	63.9	40.9
One-on-one tutoring	10.4	-0.1	9.8	-0.6	6.6	12.2	12.3
Group tutoring	10.7	0.0	10.2	-0.5	12.5	10.6	6.6
Taking lessons at private academic institutes	40.3	-1.3	39.1	-1.2	39.2	50.3	28.4
Textbooks with tutor's visit	12.5	-0.9	12.7	0.2	25.3	5.8	0.6
Internet and correspondence lectures	2.5	-0.3	2.4	-0.1	2.3	2.6	2.4
- Artistic & physical skills, hobbies and culture	32.1	1.2	32.6	0.5	57.0	17.0	10.8
One-on-one tutoring	4.8	1.0	4.9	0.1	7.7	3.3	2.3
Group tutoring	4.1	0.4	4.2	0.1	7.7	2.6	0.5
Taking lessons at private academic institutes	25.7	1.0	26.4	0.7	48.2	11.5	8.1
Textbooks with tutor's visit, etc.	0.8	-0.9	0.6	-0.2	1.0	0.3	0.2

5. Average monthly private education expenditures by size

Students spending 500 thousand won and over per month on private education occupied the largest share.

- Students spending 500 thousand won and over per month on private education occupied the largest share at 14.4 percent. Students spending 200 to less than 300 thousand won on private education accounted for 13.7 percent. Students spending less than 100 thousand won on private education accounted for 8.0 percent.
- In Seoul, students spending 500 thousand won and over on private education occupied the largest share. In 'metropolitan cities' and 'cities', students spending 200 to less than 300 thousand won on private education occupied the largest share. In Eup & Myeon, students spending 100 to less than 200 thousand won on private education occupied the largest share.
- In Seoul, students spending 500 thousand won and over on private education occupied 26.3 percent, while in Eup & Myeon, students spending 500 thousand won and over on private education occupied 4.5 percent.

< Table 8 > Share of private education participation students by size of expenditures per student

(Unit: %, %p)

Classification		Total	No participation in private education	Less than 100 thousand won	100 ~ less than 200 thousand won	200 ~ less than 300 thousand won	300 ~ less than 400 thousand won	400 ~ less than 500 thousand won	500 thousand won and over
Total	2013	100.0	31.2	8.1	12.8	13.9	12.1	8.7	13.3
	Change from the previous year	-	0.6	-0.5	-0.4	-0.7	-0.3	0.8	0.6
	2014	100.0	31.4	8.0	13.1	13.7	11.3	8.3	14.4
	Change from the previous year	-	0.2	-0.1	0.3	-0.2	-0.8	-0.4	1.1
Region	Seoul	100.0	25.6	6.1	11.1	11.2	9.8	9.9	26.3
	Metropolitan cities	100.0	32.2	8.4	13.1	13.6	11.7	8.0	13.1
	Cities	100.0	29.9	8.0	12.7	14.2	12.4	9.0	13.9
	Eup and Myeon	100.0	40.8	9.2	16.2	15.2	9.1	5.1	4.5

6. Private education expenditures by household income

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

- The average monthly expenditures per student for households earning 7 million and over marked 428 thousand won. The average monthly expenditures per student for households earning less than 1 million marked 66 thousand won.
- The average monthly expenditures per student showed a drop for all household groups excluding households earning 6 million won and over.

- The participation rate of households earning 7 million and over stood at 83.5 percent. The participation rate of households earning less than 1 million stood at 32.1 percent.

< Table 9 > Average monthly private education expenditures per student and participation rate by household income

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

Classification	Private education expenditures				Participation rate			
	2013	Percent change from the previous year	2014	Percent change from the previous year	2013	Change from the previous year	2014	Change from the previous year
Total	23.9	1.3	24.2	1.1	68.8	-0.6	68.6	-0.2
Less than 1 million won	6.8	0.0	6.6	-3.0	31.3	-2.2	32.1	0.8
1 million ~ less than 2 million won	11.1	0.9	10.2	-7.8	45.3	-1.0	43.1	-2.2
2 million ~ less than 3 million won	16.0	-4.8	15.9	-0.5	60.1	-3.9	60.1	0.0
3 million ~ less than 4 million won	22.1	-3.9	21.2	-4.0	71.5	-3.0	69.8	-1.7
4 million ~ less than 5 million won	28.0	-2.8	27.2	-3.0	79.2	-0.9	77.5	-1.7
5 million ~ less than 6 million won	33.0	-0.6	31.9	-3.4	82.5	-0.6	79.7	-2.8
6 million ~ less than 7 million won	35.9	-2.2	36.7	2.2	84.8	0.6	84.3	-0.5
7 million won and over	41.5	-2.6	42.8	3.1	83.5	-0.3	83.5	0.0

7. Private education expenditures by parents' economic activity

The private education expenditures of 'Single income households by fathers' recorded the highest figure.

- The average monthly expenditures per student of 'Single income households by fathers' recorded the highest figure of 257 thousand won, which was followed by 'Dual income households' (253 thousand won) and 'Single income households by mothers' (151 thousand won).
- As for 'Single income households by fathers', the average monthly expenditures rose by 0.8 percent from 2013, and the participation rate went down by 0.5%p to 72.3 percent in 2014.

< Table 10 > 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		
	2013	2014	Percent change from the previous year	2013	2014	Change from the previous year
- Single income households	23.4	23.7	1.4	68.1	67.9	-0.2
· Father	25.5	25.7	0.8	72.8	72.3	-0.5
· Mother	14.8	15.1	2.2	49.1	48.8	-0.3
- Dual income households	25.2	25.3	0.5	71.3	71.0	-0.3
- Economically inactive households	8.7	8.3	-4.2	32.5	31.8	-0.7

8. Private education expenditures 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 percent' of school performance amounted to 309 thousand won, while those of students recording 'within bottom 20 percent' of school performance amounted to 160 thousand won.
- The participation rate of students recording 'within top 10 percent' of school performance stood at 78.4 percent. In the meantime, the participation rate of students recording 'within bottom 20 percent' of school performance stood at 54.6 percent.

< Table 11 > Average monthly private education expenditures per student and participation rate by school performance

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

Classification	Private education expenditures			Participation rate		
	2013	2014	Percent change from the previous year	2013	2014	Change from the previous year
Total	23.9	24.2	1.1	68.8	68.6	-0.2
Within top 10 percent	31.6	30.9	-2.3	80.0	78.4	-1.6
10~30%	28.3	28.9	2.2	76.6	76.7	0.1
31~60%	25.1	25.7	2.4	71.4	71.6	0.2
61~80%	21.1	21.6	2.5	64.8	64.5	-0.3
81~100%	16.2	16.0	-1.5	55.0	54.6	-0.4

9. Private education by purpose (multiple responses)

The largest share of students participated in the private education of general subjects and essay writing for the purpose of 'Makeup for classes', which was followed by 'Study in advance'.

- 36.7 percent of students participated in the private education of general subjects for the purpose of 'Makeup for classes', which was followed by 'Study in advance' (25.0 percent), 'Preparation for higher school level' (18.3 percent) and 'Anxiety' (14.1 percent).
- As for elementary and middle school students, 'Makeup for classes' occupied the largest share, which was followed by 'Study in advance'.
- As for high school students, 'Preparation for higher school level' occupied the largest share, which was followed by 'Makeup for classes'.

< Table 12 > Private education of general subjects and essay writing by purpose (multiple response)

(Unit: %)

Classification		Total	Preparation for higher school level	Anxiety	Study in advance	Makeup for classes	Others including child care
Total	2013	100.0	14.4	10.9	25.2	44.3	5.2
	2014	100.0	18.3	14.1	25.0	36.7	6.0
School level	Elementary school	100.0	8.7	15.7	27.6	37.9	10.1
	Middle school	100.0	18.9	14.2	25.4	38.5	2.9
	High school	100.0	39.0	10.3	18.4	31.2	1.2

- The largest share of students participated in the private education of artistic & physical skills, hobbies and culture for the purpose of 'Hobbies, culture and development of ability' (60.3 percent).
- As for elementary and middle school students, 'Hobbies, culture and development of ability' occupied the largest share. As for high school students, 'Preparation for higher school level' occupied the largest share.

< Table 13 > Private education of artistic & physical skills, hobbies and culture by purpose (multiple response)

(Unit: %)

Classification		Total	Preparation for higher school level	Makeup for classes	Hobbies, culture and development of ability	To make friends	Others including child care
Total	2013	100.0	9.1	7.6	64.8	9.3	9.2
	2014	100.0	9.0	8.0	60.3	10.6	12.1
School level	Elementary school	100.0	2.9	8.9	62.5	12.2	13.6
	Middle school	100.0	14.0	5.3	63.4	7.6	9.7
	High school	100.0	52.4	5.0	37.2	1.8	3.6

10. Private education expenditures by region

(1) Private education expenditures by area

Seoul showed the highest figures of private education expenditures and participation rate.

- As for the average monthly expenditures per student, Seoul marked the highest figure of 335 thousand won, which was followed by cities (241 thousand won), metropolitan cities (231 thousand won) and Eup & Myeon (156 thousand won).
- Compared to the previous year, the average monthly expenditures per student of Eup & Myeon, Seoul and cities rose by 6.2 percent, 2.1 percent and 1.4 percent, respectively, while those of metropolitan cities fell by 0.6 percent.
- The participation rate of Seoul recorded the highest figure at 74.4 percent, which was followed by cities (70.1 percent), metropolitan cities (67.8 percent) and Eup & Myeon (59.2 percent).
- Compared to the previous year, the participation rate of Eup & Myeon grew by 1.7%p. In the meantime, the participation rates of metropolitan cities, Seoul and cities declined by 1.1%p, 0.6%p and 0.1%p, respectively.

< Table 14 > Average monthly private education expenditures per student and participation rate by region

Classification	2013	(Percent) Change from the previous year	2014	(Percent) Change from the previous year	Elementary school	Middle school	High school
Private education expenditures (10 thousand won, %)	23.9	1.3	24.2	1.1	23.2	27.0	23.0
Seoul	32.8	5.1	33.5	2.1	30.0	34.9	37.1
Metropolitan cities	23.3	1.3	23.1	-0.6	22.0	26.0	22.1
Cities*	23.8	1.7	24.1	1.4	23.6	27.7	21.5
Eup and Myeon	14.7	-2.0	15.6	6.2	16.7	17.8	11.7
Participation rate (% , %p)	68.8	-0.6	68.6	-0.2	81.1	69.1	49.5
Seoul	75.0	1.5	74.4	-0.6	84.3	73.3	61.3
Metropolitan cities	68.9	-1.9	67.8	-1.1	78.7	69.2	50.9
Cities	70.2	-0.1	70.1	-0.1	83.5	71.2	49.2
Eup and Myeon	57.5	-0.5	59.2	1.7	75.4	57.9	33.2

(2) Private education expenditures by metropolitan city and province

As for the average monthly private education expenditures per student and the participation rate, Seoul marked the highest figure, while Jeonnam marked the lowest figure.

- As for the average monthly expenditures per student by metropolitan city and province, Seoul marked the highest figure of 335 thousand won, while Jeonnam marked the lowest figure of 164 thousand won.
- Compared to 2013, Gwangju, Gangwon and Gyeongnam fell by 3.3 percent, 3.0 percent and 2.6 percent, respectively. In the meantime, Jeonbuk, Chungnam and Gyeonggi rose by 4.3 percent, 3.9 percent and 2.6 percent, respectively.
- The private education participation rate of Seoul marked the highest figure (74.4%), which was followed by Gyeonggi (72.8%) and Daejeon (70.5%). The private education participation rate of Jeonnam marked the lowest figure (58.5%).

< Table 15 > Average monthly private education expenditures per student and participation rate by metropolitan city and province

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

Classification	Private education expenditures				Participation rate			
	2013	Percent change from the previous year	2014	Percent change from the previous year	2013	Change from the previous year	2014	Change from the previous year
Total	23.9	1.3	24.2	1.1	68.8	-0.6	68.6	-0.2
Seoul	32.8	5.1	33.5	2.1	75.0	1.5	74.4	-0.6
Busan	22.9	-0.4	22.7	-0.8	67.3	-1.4	65.8	-1.5
Daegu	24.2	-2.4	24.2	0.1	71.9	-3.5	70.3	-1.6
Incheon	20.8	2.5	21.1	1.7	65.3	-1.3	65.9	0.6
Gwangju	23.9	3.5	23.1	-3.3	69.8	-1.0	68.7	-1.1
Daejeon	25.9	6.6	25.7	-0.9	72.7	-0.7	70.5	-2.2
Ulsan	22.4	0.0	22.2	-1.1	67.3	-3.6	67.6	0.3
Sejong	-	-	18.6	-	-	-	66.3	-
Gyeonggi	25.3	1.6	26.0	2.6	72.0	1.1	72.8	0.8
Gangwon	17.2	-5.5	16.7	-3.0	61.9	-2.6	60.9	-1.0
Chungbuk	18.8	6.2	18.8	0.0	62.5	-1.4	60.7	-1.8
Chungnam	17.4	-1.7	18.1	3.9	60.7	-0.5	61.1	0.4
Jeonbuk	17.5	-2.2	18.3	4.3	59.9	-2.1	59.4	-0.5
Jeonnam	16.8	-2.3	16.4	-2.3	59.0	-3.1	58.5	-0.5
Gyeongbuk	18.7	-4.1	19.1	1.9	64.3	-3.3	64.5	0.2
Gyeongnam	20.8	-1.9	20.3	-2.6	67.3	-1.3	67.1	-0.2
Jeju	19.6	-3.4	19.9	1.4	64.4	-2.1	63.3	-1.1

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

1. Education expenditures and participation rate by year

The after-school program participation rate recorded 59.3 percent. The percentage of students purchasing EBS textbooks recorded 19.8 percent. The language course participation rate recorded 0.6 percent.

- The expenditures on after-school programs amounted to marked 1,260 billion won in 2014. The expenditures on EBS textbooks amounted to 170 billion won. The expenditures on language courses amounted to 620 billion won.
- The after-school program participation rate stood at 59.3 percent in 2014. The percentage of students purchasing EBS textbooks stood at 19.8 percent in 2014. The language course participation rate recorded 0.6 percent in 2014.

< Table 16 > Education expenditures and participation rate by year

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

Classification	Education expenditures					Participation rate				
	2010	2011	2012	2013	2014	2010	2011	2012	2013	2014
After-school program	12,098	12,320	10,569	12,033	12,597	55.6	56.6	57.6	60.2	59.3
(Percent) Change from the previous year	4.6	1.8	-14.2	13.9	4.7	4.3	1.0	1.0	2.6	-0.9
Purchase of EBS textbooks	2,003	2,015	1,802	1,856	1,704	20.8	20.8	18.8	20.6	19.8
(Percent) Change from the previous year	31.3	0.6	-10.6	3.0	-8.2	3.6	0.0	-2.0	1.8	-0.8
Language course	5,152	5,662	5,227	5,894	6,190	0.7	0.8	0.7	0.6	0.6
(Percent) Change from the previous year	40.2	9.9	-7.7	12.8	5.0	0.0	0.1	-0.1	-0.1	0.0

2. After-school program participation rate

The after-school program participation rate declined by 0.9%p from 2013.

- The after-school program participation rate of elementary school students rose by 2.7%p from 2013. In the meantime, the after-school program participation rate of middle and high school students fell by 5.2%p and 2.2%p, respectively.
- The paid after-school program participation rate of high school students stood at 61.4 percent, which was followed by elementary school students (52.2%) and middle school students (27.8%).

< Table 17 > After-school program participation rate by school

(Unit: %, %p)

Classification	Paid and free after-school program participation rate					Paid after-school program participation rate				
	2012	2013	Change from the previous year	2014	Change from the previous year	2012	2013	Change from the previous year	2014	Change from the previous year
Total	57.6	60.2	2.6	59.3	-0.9	44.1	47.6	3.5	48.2	0.6
Elementary school	52.6	58.2	5.6	60.9	2.7	42.4	49.2	6.8	52.2	3.0
Middle school	49.4	50.5	1.1	45.3	-5.2	29.3	29.3	0.0	27.8	-1.5
High school	73.0	72.3	-0.7	70.1	-2.2	61.0	62.7	1.7	61.4	-1.3

3. Percentage of students purchasing EBS textbooks

The percentage of students purchasing EBS textbooks stood at 19.8 percent in 2014, down 0.8%p from 20.6 percent in 2013.

- High school students showed the highest percentage of students purchasing EBS textbooks at 44.8 percent. Elementary school students recorded the lowest percentage of students purchasing EBS textbooks at 7.3 percent.
- Compared to 2013, the share of elementary school students purchasing EBS textbooks rose by 0.6%p, while the share of middle and high school students declined by 2.0%p and 1.8%p, respectively.

< Table 18 > Percentage of students purchasing EBS textbooks by school

(Unit: %, %p)

Classification	Total	Elementary school	Middle school	High school
2013	20.6	6.7	14.8	46.6
Change from the previous year	1.8	-0.9	0.6	6.1
2014	19.8	7.3	12.8	44.8
Change from the previous year	-0.8	0.6	-2.0	-1.8

4. Language course participation rate

The language course participation rate recorded 0.6 percent in 2014, which remained the same as the previous year.

- The language course participation rate of elementary school students recorded the highest figure at 0.9 percent. The higher school level, the lower language course participation rate.
- Compared to the previous year, the language course participation rate of elementary students went up by 0.1%p. The language course participation rate of middle school students went down by 0.2%p. The language course participation rate of high school students remained the same as the previous year.

< Table 19 > Language course participation rate by school

(Unit: %, %p)

Classification	Total	Elementary school	Middle school	High school
2013	0.6	0.8	0.6	0.3
Change from the previous year	-0.1	-0.1	-0.1	0.0
2014	0.6	0.9	0.4	0.3
Change from the previous year	0.0	0.1	-0.2	0.0