



PRESS RELEASE

SURVEY ON PUBLIC AND PRIVATE EDUCATION EXPENDITURE (PRIMARY, SECONDARY AND TERTIARY EDUCATION) YEARS 2017, 2018, 2019

The Hellenic Statistical Authority (ELSTAT) announces data on the expenditure on Primary, Secondary and Tertiary Education in Greece, for the years 2017, 2018, 2019. The data of the Survey on Education Expenditure refer both to **Public** (Primary, Secondary and Tertiary Education) and **Private** Education (Primary and Secondary). More specifically:

- **Central government** expenditure on education, in 2019 compared to 2018, increased by 1.8%, while compared to 2015 increased by the same percentage (Tables 1 and 2, Graphs 1 and 2). Central government expenditure is largely reflected in the balance-sheet of the Ministry of Education and Religious Affairs, while additional data come from administrative sources, inter alia by Ministries providing formal education (Ministry of Shipping & Island Policy, Ministry of Tourism, Ministry of Labour & Social Affairs and Ministry of Rural Development and Food).
- “Funds from International Agencies” refers to European Union funding (mainly for capital expenditure), which is directed via the Central Government to education.
- **Household** expenditure on education in 2019 compared to 2018 increased by 1.4%, while compared to 2015 decreased by 2.6% (Table 5). Household expenditure refers to payments made by Households for the purchase of school equipment, books, consumables, tuition fees for formal education and private tutoring.
- Total expenditure on **the compensation of teaching personnel** of all levels of Public Education (Primary, Secondary, Tertiary) in 2019 compared to 2018 increased by 4.7%. The largest increase was in Post Secondary Institutions by 12.3% and in Preprimary and Primary Education by 13,0%. The largest decrease was in Tertiary Education (Vocational) by 37.9%, which is due to the abolition of TEI (Technological Institutions) in the second half of 2019 and the integration of most of their departments in the respective Universities. When comparing the year 2019 with 2015, it is observed that total expenditure increased by 9.5%. The largest increase amounting to 21.5% was recorded for Tertiary Education (General) and to 20.5% for Primary Education (Table 8 and Graph 3).
- Total expenditure on the **compensation of teaching personnel** in Private Education (Primary Schools, Lower and Upper Secondary Education Schools) decreased by 1.6% in 2019 compared to 2018 (Table 9).

Information on methodology:

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Table 1. Expenditure on Public and Private Education, by year and funding source (in million €)

	2015	2016	2017	2018	2019
1. Central Government	6,445.2	6,208.8	6,136.7	6,444.6	6,559.8
		-3.7%	-1.2%	5.0%	1.8%
2. Local Government	278.0	312.5	308.9	353.7	355.6
		12.4%	-1.2%	14.5%	0.5%
3. International Agencies	728.6	292.1	237.3	299.7	374.1
		-59.9%	-18.8%	26.3%	24.8%
A. Total (1+2+3)	7,451.8	6,813.4	6,682.9	7,098.0	7,289.5
		-8.6%	-1.9%	6.2%	2.7%
4. Households	2,242.7	2,144.1	2,163.6	2,155.2	2,185.2
		-4.4%	0.9%	-0.4%	1.4%
5. Non Educational Private Entities	25.8	17.2	16.5	16.5	21.1
		-33.3%	-4.1%	0.0%	27.9%
B. Total (4+5)	2,268.5	2,161.3	2,180.1	2,171.7	2,206.3
		-4.7%	0.9%	-0.4%	1.6%
Total (A+B)	9,720.3	8,974.7	8,863.0	9,269.7	9,495.8
		-7.7%	-1.2%	4.6%	2.4%

Graph 1. Expenditure on Public and Private Education, by year and funding source (in million €)

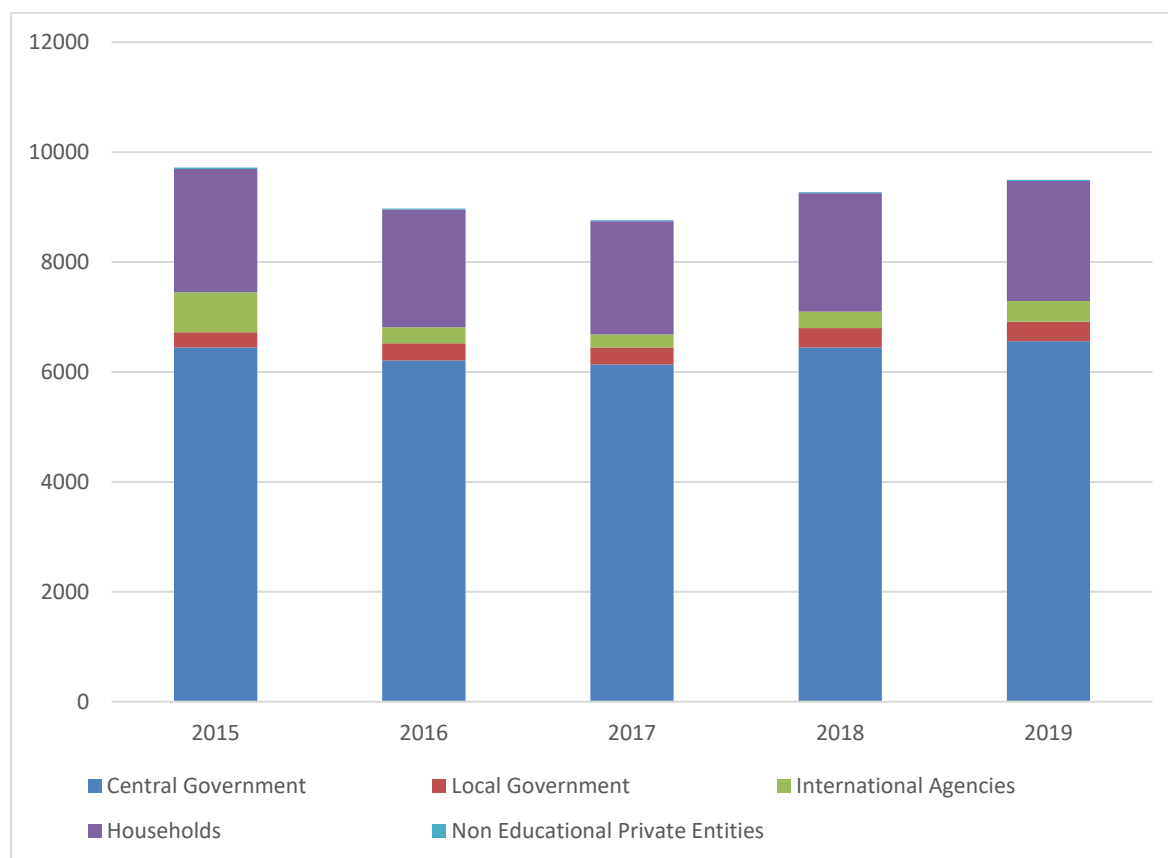


Table 2. Central Government Expenditure on Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	460.9	472.9	451.5	467.0	494.2
		2.6%	-4.5%	3.4%	5.8%
Primary	2,130.2	2,137.9	2,118.2	2,243.8	2,380.7
		0.4%	-0.9%	5.9%	6.1%
Lower Secondary	1,286.6	1,208.0	1,202.5	1,299.0	1,231.5
		-6.1%	-0.5%	8.0%	-5.2%
General Upper Secondary	745.2	752.5	752.5	728.1	684.8
		1.0%	0.0%	-3.2%	-5.9%
Vocational Upper Secondary	498.7	504.7	470.4	470.2	453.5
		1.2%	-6.8%	0.0%	-3.6%
Post Secondary	41.3	33.2	24.3	35.3	27.1
		-19.6%	-26.8%	45.3%	-23.2%
Tertiary Education: Vocational	255.6	197.5	200.5	187.7	102.5
		-22.7%	1.5%	-6.4%	-45.4%
Tertiary Education: General	1,026.7	902.1	916.8	1,013.5	1,185.5
		-12.1%	1.6%	10.5%	17.0%
Total	6,445.2	6,208.8	6,136.7	6,444.6	6,559.8
		-3.7%	-1.2%	5.0%	1.8%

Graph 2. Central Government Expenditure on Education, by year and educational level (in million €)

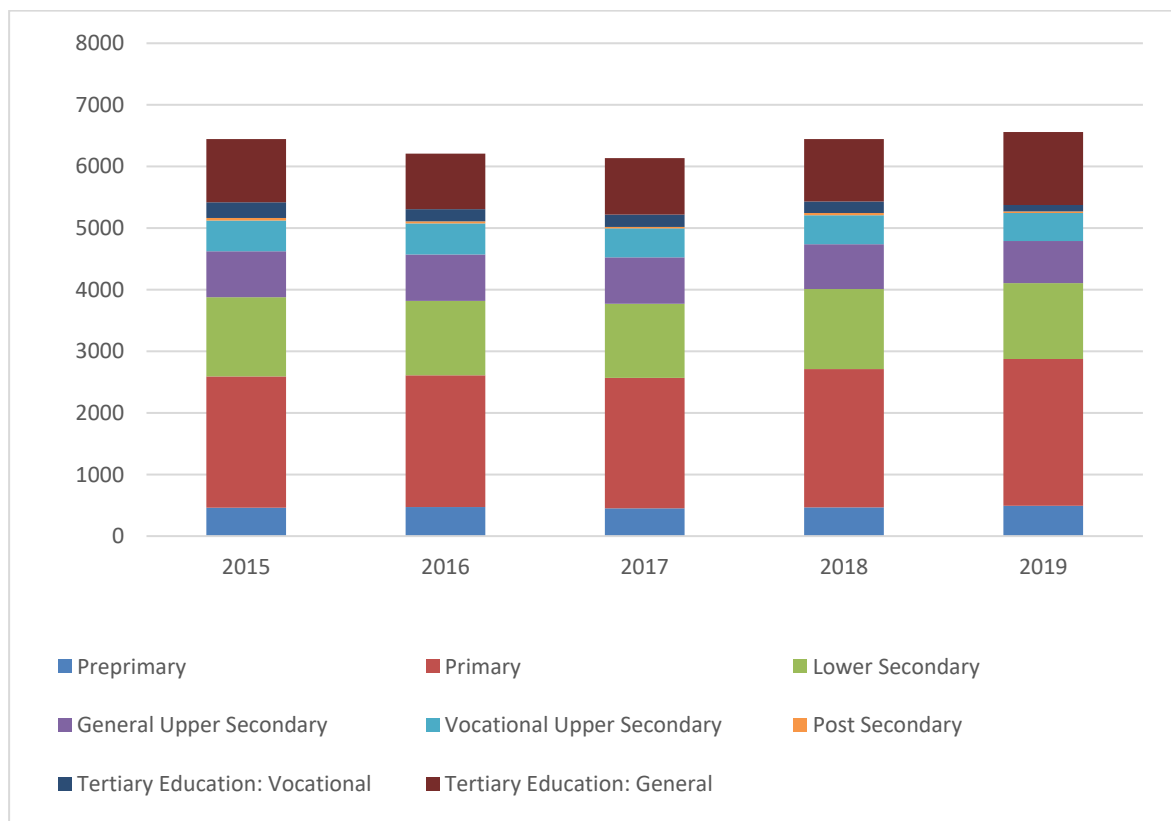


Table 3. Local Government Expenditure on Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	29.3	31.7	30.9	35.4	35.6
		8.2%	-2.5%	14.6%	0.6%
Primary	123.5	138.6	136.7	153.3	153.1
		12.2%	-1.4%	12.1%	-0.1%
Lower Secondary	60.1	68.0	67.1	78.1	78.8
		13.1%	-1.3%	16.4%	0.9%
General Upper Secondary	45.2	51.8	52.3	61.1	61.5
		14.6%	1.0%	16.8%	0.7%
Vocational Upper Secondary	19.9	22.4	21.9	25.8	26.6
		12.6%	-2.2%	17.8%	3.1%
Total	278.0	312.5	308.9	353.7	355.6
		12.4%	-1.2%	14.5%	0.5%

Table 4. Funds from International Agencies on Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	31.5	31.8	12.8	16.5	13.4
		1.0%	-59.7%	28.9%	-18.8%
Primary	68.9	44.5	39.1	51.8	40.0
		-35.4%	-12.1%	32.5%	-22.8%
Lower Secondary	39.4	22.1	12.4	18.9	19.2
		-43.9%	-43.9%	52.4%	1.6%
General Upper Secondary	34.7	21.2	13.5	14.3	10.8
		-38.9%	-36.3%	5.9%	-24.5%
Vocational Upper Secondary	41.0	19.2	19.5	14.2	19.9
		-53.2%	1.6%	-27.2%	40.1%
Post Secondary	15.2	0.0	0.0	0.0	2.0
		-100.0%	0.0%	0.0%	
Tertiary Education: Vocational	83.0	12.7	12.5	25.9	15.9
		-84.7%	-1.6%	107.2%	-38.6%
Tertiary Education: General	414.9	140.6	127.5	158.1	252.9
		-66.1%	-9.3%	24.0%	60.0%
Total	728.6	292.1	237.3	299.7	374.1
		-59.9%	-18.8%	26.3%	24.8%

Table 5. Household Expenditure on Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	72.3	66.4	78.7	83.6	88.6
		-8.2%	18.5%	6.2%	6.0%
Primary	490.7	511.7	512.7	533.0	534.2
		4.3%	0.2%	4.0%	0.2%
Lower Secondary	478.5	445.1	454.3	448.3	446.5
		-7.0%	2.1%	-1.3%	-0.4%
General Upper Secondary	753.8	704.6	681.4	658.1	677.2
		-6.5%	-3.3%	-3.4%	2.9%
Vocational Upper Secondary	112.8	107.8	104.7	103.1	109.7
		-4.4%	-2.9%	-1.5%	6.4%
Post Secondary	56.9	59.5	61.3	62.7	36.1
		4.6%	3.0%	2.3%	-42.4%
Tertiary Education: Vocational	277.7	249.0	270.5	266.4	292.9
		-10.3%	8.6%	-1.5%	9.9%
Tertiary Education: General	2,242.7	2,144.1	2,163.6	2,155.2	2,185.2
		-4.4%	0.9%	-0.4%	1.4%

Table 6 presents total expenditure on Public Education. This expenditure includes the compensation of teaching and non-teaching staff, operational costs and capital expenditure. The biggest decrease between 2015 and 2019 is observed in Tertiary Education (Vocational)¹ by 55.2% and in Post Secondary Education by 34.4%, while the biggest increase is observed in Tertiary Education (General) by 27.0%.

Table 6. Total Expenditure on Public Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	460.9	472.9	451.6	467.1	494.1
		2.6%	-4.5%	3.4%	5.8%
Primary	2,130.4	2,138.0	2,118.3	2,244.0	2,381.3
		0.4%	-0.9%	5.9%	6.1%
Lower Secondary	1,285.4	1,208.1	1,201.1	1,297.6	1,229.6
		-6.0%	-0.6%	8.0%	-5.2%
General Upper Secondary	744.0	751.6	751.6	726.9	683.2
		1.0%	0.0%	-3.3%	-6.0%
Vocational Upper Secondary	486.1	492.8	457.9	457.8	440.8
		1.4%	-7.1%	0.0%	-3.7%
Post Secondary	41.3	33.2	24.3	23.3	27.1
		-19.6%	-26.8%	-4.1%	16.3%
Tertiary Education: Vocational	252.5	226.4	225.9	224.7	113.0
		-10.3%	-0.2%	-0.5%	-49.7%
Tertiary Education: General	1,256.0	1,200.0	1,205.8	1,322.9	1,595.0
		-4.5%	0.5%	9.7%	20.6%
Total	6,656.6	6,523.0	6,436.5	6,764.3	6,964.1
		-2.0%	-1.3%	5.1%	3.0%

¹ The decrease is due to the abolition of TEI (Technological Institutions) in the second half of 2019 and the integration of most of their departments in the respective Universities.

Table 7 presents total expenditure on Private Education. This expenditure includes the compensation of teaching and non-teaching staff, operational costs and capital expenditure. In Lower Secondary Schools there is a steady increase between 2016 and 2018, while a decrease by 19.2% is observed in 2019. In General Upper Secondary Schools there is a decreasing trend from 2017 onwards; while in Vocational Upper Secondary Education Schools relative stability is observed.

Table 7. Total Expenditure on Private Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary*	:	51.0	63.2	68.3	76.6
			23.9%	8.1%	12.2%
Primary	158.9	177.8	165.5	193.5	196.7
		11.9%	-6.9%	16.9%	1.7%
Lower Secondary	86.9	87.5	107.2	112.7	91.1
		0.7%	22.5%	5.1%	-19.2%
General Upper Secondary	86.2	96.0	89.3	87.3	73.6
		11.4%	-7.0%	-2.2%	-15.7%
Vocational Upper Secondary	14.2	12.7	13.2	13.5	14.0
		-10.6%	3.9%	2.3%	3.7%
Total	346.2	425.0	438.4	475.3	452.0
		22.8%	3.2%	8.4%	-4.9%

* Data for the Total Expenditure in Preprimary Schools are not available for 2015.

Table 8 presents expenditure on gross wages and salaries of teaching staff in Public Education which is relatively stable between 2015 and 2017, while it increased by 3.8% in 2018 and 4.7% in 2019.

Table 8. Compensation of teaching staff in Public Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	263.3	272.5	271.4	274.9	310.6
		3.5%	-0.4%	1.3%	13.0%
Primary	1,266.6	1,295.4	1,288.6	1,351.5	1,526.6
		2.3%	-0.5%	4.9%	13.0%
Lower Secondary	779.2	743.1	750.8	797.9	770.4
		-4.6%	1.0%	6.3%	-3.4%
General Upper Secondary	436.8	453.4	459.2	432.8	416.4
		3.8%	1.3%	-5.7%	-3.8%
Vocational Upper Secondary	285.6	305.5	287.6	287.2	277.6
		7.0%	-5.9%	-0.1%	-3.3%
Post Secondary	17.7	18.1	13.8	15.5	18.7
		2.3%	-23.8%	12.3%	20.6%
Tertiary Education: Vocational	93.2	95.1	95.3	111.3	69.1
		2.0%	0.2%	16.8%	-37.9%
Tertiary Education: General	419.8	420.7	424.2	454.8	510.0
		0.2%	0.8%	7.2%	12.1%
Total	3,562.2	3,603.8	3,590.9	3,725.9	3,899.4
		1.2%	-0.4%	3.8%	4.7%

Graph 3. Compensation of teaching staff in Public Education, by year and educational level (in million €)

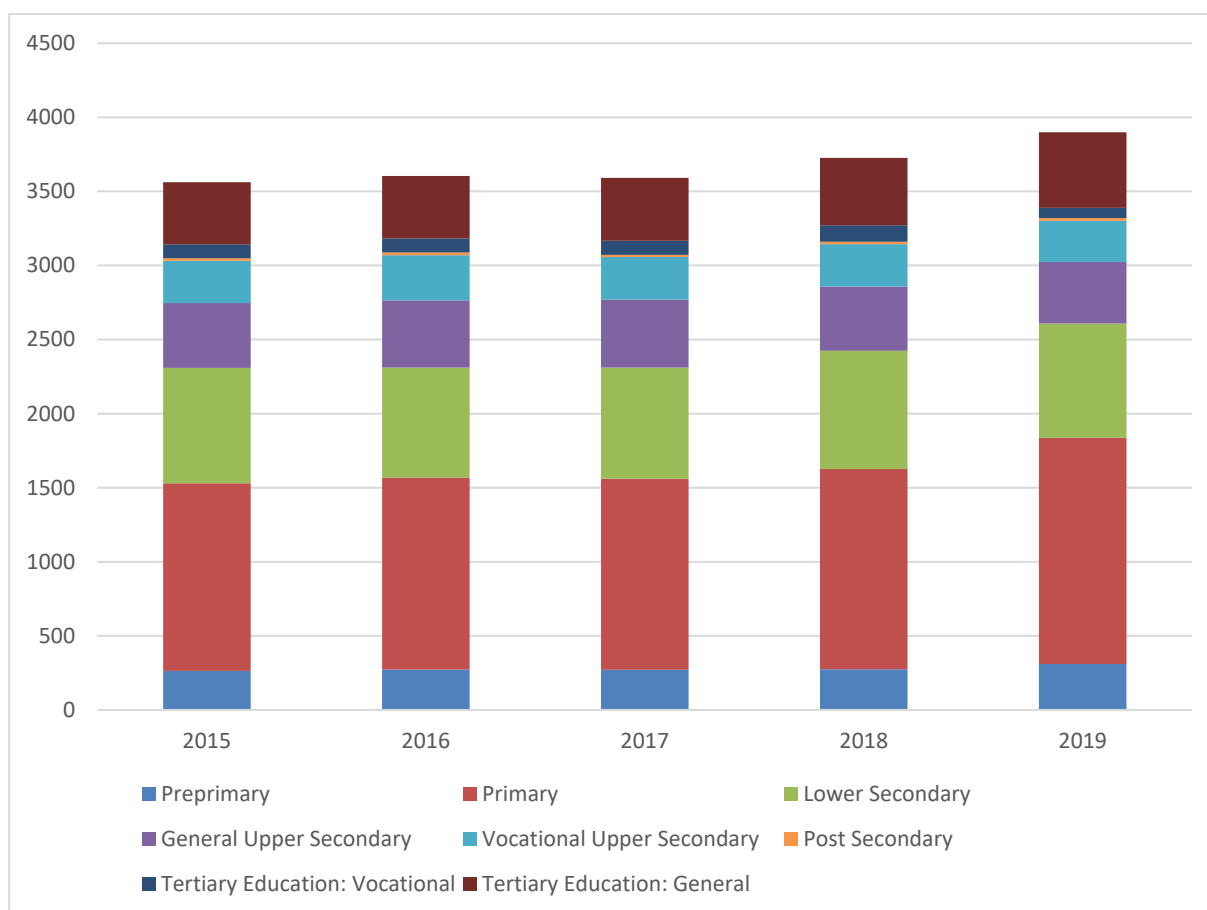


Table 9 presents expenditure on gross remuneration of teaching staff in Private Education, which decreased by 1.6% in 2019, after a steady increase between 2016 and 2018.

Table 9. Compensation of teaching staff in Private Education, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary*	:	16.4	20.2	26.0	30.4
			23.2%	28.7%	16.9%
Primary	59.3	61.9	66.6	75.0	79.8
		4.4%	7.6%	12.6%	6.4%
Lower Secondary	42.4	43.9	54.6	60.5	52.2
		3.5%	24.4%	10.8%	-13.7%
General Upper Secondary	43.5	47.8	46.3	48.6	44.4
		9.9%	-3.1%	5.0%	-8.6%
Total	145.2	170.0	187.7	210.1	206.8
		17.1%	10.4%	11.9%	-1.6%

* Data for the compensation of teaching staff in Preprimary Schools are not available for 2015.

Table 10 presents operational costs of public educational institutions. In 2016 and 2018 they increased by 8.5% and 11.3% respectively, to remain relatively stable in 2019.

Table 10. Operational cost of public educational institutions, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	27.8	30.4	29.5	33.9	34.1
		9.4%	-3.0%	14.9%	0.6%
Primary	117.1	133.2	130.0	146.8	146.5
		13.7%	-2.4%	12.9%	-0.2%
Lower Secondary	65.0	70.1	69.2	79.8	76.0
		7.8%	-1.3%	15.3%	-4.8%
General Upper Secondary	47.1	49.8	53.8	62.4	59.0
		5.7%	8.0%	16.0%	-5.4%
Vocational Upper Secondary	26.6	28.7	23.1	26.4	25.5
		7.9%	-19.5%	14.3%	-3.4%
Post Secondary	5.5	10.7	7.0	4.7	4.9
		94.5%	-34.6%	-32.9%	4.3%
Tertiary Education: Vocational	33.1	31.4	33.2	33.0	20.0
		-5.1%	5.7%	-0.6%	-39.4%
Tertiary Education: General	55.6	55.7	57.6	61.8	85.4
		0.2%	3.4%	7.3%	38.2%
Total	377.8	410.0	403.4	448.8	451.4
		8.5%	-1.6%	11.3%	0.6%

Table 11 presents operational costs of private educational institutions. Between 2015 and 2017 they are relatively stable, in 2018 they increased by 34.4% to decrease slightly in 2019 (by 6.2%).

Table 11. Operational cost of private educational institutions, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	16.2	19.3	14.7	22.9	21.1
		19.1%	-23.8%	55.8%	-7.9%
Primary	43.1	40.5	34.1	44.5	41.1
		-6.0%	-15.8%	30.5%	-7.6%
Lower Secondary	16.4	18.1	21.2	30.3	29.2
		10.4%	17.1%	42.9%	-3.6%
General Upper Secondary	18.3	21.1	21.0	24.6	23.3
		15.3%	-0.5%	17.1%	-5.3%
Total	94.0	99.0	91.0	122.3	114.7
		5.3%	-8.1%	34.4%	-6.2%

Tables 12 and 13 present capital expenditure of public and private educational institutions. Fluctuations are observed in both public and private educational institutions.

Table 12. Capital expenditure of public educational institutions, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary	34.8	33.7	14.4	19.0	15.2
		-3.2%	-57.3%	31.9%	-20.0%
Primary	88.0	58.2	51.7	64.4	51.5
		-33.9%	-11.2%	24.6%	-20.0%
Lower Secondary	48.5	28.1	18.0	26.4	25.8
		-42.1%	-35.9%	46.7%	-2.3%
General Upper Secondary	41.4	26.0	18.3	20.1	15.9
		-37.2%	-29.6%	9.8%	-20.9%
Vocational Upper Secondary	44.1	21.4	21.6	16.7	22.2
		-51.5%	0.9%	-22.7%	32.9%
Post Secondary	15.7	0.1	0.1	0.1	0.1
		-99.4%	0.0%	0.0%	0.0%
Tertiary Education: Vocational*	80.9	48.0	46.4	38.0	3.5
		-40.7%	-3.3%	-18.1%	-90.8%
Tertiary Education: General*	646.8	559.9	573.6	641.0	808.2
		-13.4%	2.4%	11.8%	26.1%
Total	1,000.2	775.4	744.1	825.7	942.4
		-22.5%	-4.0%	11.0%	14.1%

*Capital Expenditure includes Research and Development Funds.

Table 13. Capital expenditure of private educational institutions, by year and educational level (in million €)

	2015	2016	2017	2018	2019
Preprimary*	0.6	1.8	0.7	0.7	1.7
		200.0%	-61.1%	0.0%	142.9%
Primary	2.3	5.5	2.8	2.6	5.0
		139.1%	-49.1%	-7.1%	92.3%
Lower Secondary	0.8	1.9	1.2	1.3	2.1
		137.5%	-36.8%	8.3%	61.5%
General Upper Secondary	0.9	2.0	1.3	1.3	1.4
		122.2%	-35.0%	0.0%	7.7%
Total	4.6	11.2	6.0	5.9	10.2
		143.5%	-46.4%	-1.7%	72.9%

METHODOLOGICAL INFORMATION

Survey on Education Expenditure	The aim of the Survey Education Expenditure is to compile statistics on an annual basis in respect of expenditure incurred in primary, secondary and tertiary education. This survey is carried out on an annual basis in all Member States of the European Union, using common standards and methods since 2012.
Legal framework	The financial data on education are compiled in compliance with the requirements of Regulation (EC) No 452/2008 of the European Parliament and of the Council and Commission Implementing Regulation (EU) No 912/2013.
Reference unit	The reference unit is the educational level.
Coverage	Total country.
Publication of results	Annual.
Reference Period	Financial years 2017, 2018, 2019.
Methodology and coverage	The Survey on Education Expenditure covers all levels of Public Education (Primary, Secondary and Tertiary Education) and Private Education (Primary and Secondary). It refers to the whole of the Country and is conducted on an annual basis. The main source of the data is the balance sheet of the Ministry of Education and Religious Affairs. Data are also collected from Administrative Sources (National Documentation Centre, Youth and Lifelong Learning Foundation, Greek Banks, Municipalities, Building Infrastructure S.A.). In addition, private educational institutions are covered on a census basis. The response rate of private educational institutions is about 50%, therefore final data are estimated. Furthermore, data are also drawn from the Ministry of Shipping & Island Policy, Ministry of Tourism, Ministry of Labour & Social Affairs and Ministry of Rural Development and Food, which supervise Secondary and Tertiary education units, where appropriate.
Definitions	<p><u>General Government</u> consists of the Central Government, the Local Government (first and second level of local authorities) and the Social Security Funds</p> <p><u>Central Government</u> consists of ministries and decentralized administrations.</p> <p><u>Household</u>: a person or group of people, relatives or not, who live within the same area.</p> <p><u>Public Education</u>: Education provided by the State.</p>

Private education: Education provided by private operators (profit and non-profit)

Operational costs: Costs necessary for the operation of the educational units, such as consumables, utility bills, heating, repairs, etc.

Capital expenditure: Cost for buying durable goods, e.g. buildings, computers, desks, air conditioning units, vehicles, etc.

Funds from international agencies: Resources of the European Union, which are directed via the Central Government to education.

Private Non-Educational Sector: Donations of individuals to education, bank loans to students and costs of enterprises and nonprofit, non-education institutions for research and development.

Compensation includes gross wages and salaries and the estimated cost imputed to the future pensions of current teaching staff because their actual contributions are not sufficient for future pension payments.

Preprimary Education includes Kindergartens

General Tertiary Education includes Universities and Technical Universities.

Vocational Tertiary Education includes Technological Institutions (TEI), the School of Pedagogical and Technological Education (ASPETE), the Academies of Merchant Shipping, Ecclesiastical Academies, Schools of Services and Artistic Schools. From the academic year 2018/2019 initiated the gradual abolition of Technological Institutions (TEI) and their merging with Universities (General Tertiary Education).