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HELLENIC REPUBLIC



**HELLENIC STATISTICAL AUTHORITY** 

# **PRESS RELEASE**

# QUARTERLY NATIONAL ACCOUNTS 1<sup>st</sup> Quarter 2021/1<sup>st</sup> Quarter 2020: -2.3%

(Provisional data, seasonally adjusted data in volume terms)

The Hellenic Statistical Authority (ELSTAT) announces the Gross Domestic Product (GDP) for the 1<sup>st</sup> quarter of 2021 (provisional data).

The available **seasonally adjusted data**<sup>1</sup> indicate that in the1<sup>st</sup> quarter of 2021 the Gross Domestic Product (GDP) in volume terms increased by 4.4% in comparison with the 4<sup>th</sup> quarter of 2020, while in comparison with the 1<sup>st</sup> quarter of 2020, it decreased by 2.3% (Table 1).

The available **non-seasonally adjusted data** indicate that in the 1<sup>st</sup> quarter of 2021 the Gross Domestic Product (GDP) in volume<sup>2</sup> terms decreased by 1.4% in comparison with the 1<sup>st</sup> quarter of 2020 (Table 2).

It is noted that the data of this Press Release for the 1<sup>st</sup> quarter 2021 reflect the impact on GDP of the COVID-19 pandemic and the restriction measures that were put into place. For the compilation of these provisional estimates all the best available data sources have been used.

Also, it is noted that as the seasonally adjusted figures are recalculated every time a new quarter is added in the time series, the effect of the seasonal adjustment process, especially in periods of sharp fluctuations of the underlying variables, is reflected in noteworthy revisions, especially in the most recent quarters of the time series.

Users should note that the data of this Press Release for the  $1^{st}$  quarter 2021 are expected to be revised when provisional estimates of the  $2^{nd}$  quarter 2021 are produced and disseminated on the basis of updated primary data that will have become available at that time (i.e. quarterly non-financial accounts of General Government, short-term Indices, employment data, etc).

Growth rates of major macroeconomic aggregates based on <u>seasonally adjusted data in volume terms</u> are as follows:

#### 1. Quarter on quarter growth rates

- Total final consumption expenditure decreased by 0.6% in comparison with the 4<sup>th</sup> quarter of 2020.
- Gross fixed capital formation (GFCF) increased by 3.0% in comparison with the 4<sup>th</sup> quarter of 2020.
- Exports of goods and services increased by 4.0% in comparison with the 4<sup>th</sup> quarter of 2020.
  Exports of goods decreased by 0.5% while exports of services increased by 6.2%.
- Imports of goods and services increased by 2.0% in comparison with the 4<sup>th</sup> quarter of 2020. Imports of goods remained unchanged, while imports of services increased by 16.3%.

<sup>&</sup>lt;sup>1</sup> Seasonal and calendar adjustment.

<sup>&</sup>lt;sup>2</sup> Chain linked volume measure.

#### 2. Year on year growth rates

- $\circ$  Total final consumption expenditure recorded a decrease of 2.4% in comparison with the 1st quarter of 2020.
- Gross fixed capital formation (GFCF) increased by 8.6% in comparison with the 1<sup>st</sup> quarter of 2020.
- Exports of goods and services decreased by 13.4% in comparison with the 1<sup>st</sup> quarter of 2020.
  Exports of goods increased by 8.2%, and exports of services decreased by 38.7%.
- Imports of goods and services decreased by 5.0% in comparison with the 1<sup>st</sup> quarter of 2020. Imports of goods decreased by 3.0%, and imports of services decreased by 9.2%.

In Tables 3-9 are presented levels and rates of GDP and components, with and without seasonal adjustment.

#### Information on methodological issues:

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Graph 1: Gross Domestic Product in Volume Terms Seasonally and calendar adjusted figures (Reference Year: 2015) Changes (%) by quarter (q-o-q<sup>3</sup>) and year (y-o-y<sup>4</sup>) 2010-2021



Graph 2: Gross Domestic Product (GDP) in Volume Terms (Reference Year: 2015) WITH and WITHOUT Seasonal Adjustment 2010-2021



<sup>&</sup>lt;sup>3</sup> **q-o-q:** Percentage Change with respect to previous quarter.

<sup>&</sup>lt;sup>4</sup> **y-o-y:** Percentage Change with respect to the same quarter in previous year.

Year	Quarter	Chain Linked Volumes Reference Year 2015	q-o-q %	у-о-у %	In current Prices	q-o-q %	у-о-у %
2010		56565			58275		
		54684	-3.3%		56820	-2.5%	
		52956	-3.2%		55295	-2.7%	
	IV	52317	-1.2%		54545	-1.4%	
2011	1	50433	-3.6%	-10.8%	52876	-3.1%	-9.3%
	11	49395	-2.1%	-9.7%	51699	-2.2%	-9.0%
	III	48426	-2.0%	-8.6%	50599	-2.1%	-8.5%
	IV	46464	-4.1%	-11.2%	48915	-3.3%	-10.3%
2012	I	46130	-0.7%	-8.5%	48352	-1.2%	-8.6%
	11	45345	-1.7%	-8.2%	47507	-1.7%	-8.1%
	III	44708	-1.4%	-7.7%	46612	-1.9%	-7.9%
	IV	44455	-0.6%	-4.3%	46292	-0.7%	-5.4%
2013	I	43931	-1.2%	-4.8%	45848	-1.0%	-5.2%
		43987	0.1%	-3.0%	45285	-1.2%	-4.7%
	III	43954	-0.1%	-1.7%	44667	-1.4%	-4.2%
	IV	44134	0.4%	-0.7%	44111	-1.2%	-4.7%
2014	I	44360	0.5%	1.0%	44292	0.4%	-3.4%
	11	44235	-0.3%	0.6%	44151	-0.3%	-2.5%
	III	44572	0.8%	1.4%	44803	1.5%	0.3%
	IV	44151	-0.9%	0.0%	44246	-1.2%	0.3%
2015	I	44306	0.4%	-0.1%	44161	-0.2%	-0.3%
	11	44244	-0.1%	0.0%	44006	-0.3%	-0.3%
	III	43536	-1.6%	-2.3%	43670	-0.8%	-2.5%
	IV	44028	1.1%	-0.3%	44199	1.2%	-0.1%
2016	I	43770	-0.6%	-1.2%	43352	-1.9%	-1.8%
		43619	-0.3%	-1.4%	43601	0.6%	-0.9%
	III	43835	0.5%	0.7%	43604	0.0%	-0.1%
	IV	44027	0.4%	0.0%	43825	0.5%	-0.8%
2017	I	43964	-0.1%	0.4%	43840	0.0%	1.1%
	II	44320	0.8%	1.6%	44139	0.7%	1.2%
		44681	0.8%	1.9%	44692	1.3%	2.5%
	IV	44524	-0.4%	1.1%	44373	-0.7%	1.3%
2018	I	44864	0.8%	2.0%	44726	0.8%	2.0%
	11	44957	0.2%	1.4%	44818	0.2%	1.5%
	III	44997	0.1%	0.7%	44802	0.0%	0.2%
	IV	45250	0.6%	1.6%	45133	0.7%	1.7%
2019	1	45682	1.0%	1.8%	45649	1.1%	2.1%
	II	45980	0.7%	2.3%	46241	1.3%	3.2%
	III	45703	-0.6%	1.6%	45450	-1.7%	1.4%
	IV	45675	-0.1%	0.9%	45167	-0.6%	0.1%
2020	I	45465	-0.5%	-0.5%	44779	-0.9%	-1.9%
	II	39603	-12.9%	-13.9%	39040	-12.8%	-15.6%
	III	41126	3.8%	-10.0%	40933	4.9%	-9.9%
	IV	42543	3.4%	-6.9%	41551	1.5%	-8.0%
2021	Ι	44425	4.4%	-2.3%	42594	2.5%	-4.9%

# Table 1: Gross Domestic Product (GDP) in million € (Seasonally and calendar adjusted figures)

Year	Quarter	Chain Linked Volumes Reference Year 2015	у-о-у %	In current Prices	у-о-у %
2010	I	53254		54129	
	II	54416		56576	
	III	54277		56488	
	IV	54330		56932	
2011	I	47499	-10.8%	48763	-9.9%
	Ш	49641	-8.8%	51908	-8.3%
	III	50090	-7.7%	52071	-7.8%
	IV	47096	-13.3%	50566	-11.2%
2012	I	43501	-8.4%	44787	-8.2%
	П	45541	-8.3%	47583	-8.3%
	III	46353	-7.5%	48308	-7.2%
	IV	45169	-4.1%	47711	-5.6%
2013	I	41179	-5.3%	42413	-5.3%
	П	44044	-3.3%	45463	-4.5%
	III	45687	-1.4%	46467	-3.8%
	IV	44703	-1.0%	45274	-5.1%
2014	I	41540	0.9%	41231	-2.8%
		44312	0.6%	44170	-2.8%
		46240	1.2%	46620	0.3%
	IV	44746	0.1%	45328	0.1%
2015	I	41470	-0.2%	40992	-0.6%
	11	44328	0.0%	44067	-0.2%
		45358	-1.9%	45485	-2.4%
	IV	44954	0.5%	45566	0.5%
2016	I	40749	-1.7%	39975	-2.5%
	11	43819	-1.1%	43744	-0.7%
		46086	1.6%	45767	0.6%
	IV	44593	-0.8%	44751	-1.8%
2017	1	40901	0.4%	40517	1.4%
	11	44375	1.3%	44300	1.3%
		47540	3.2%	47517	3.8%
	IV	44676	0.2%	44818	0.2%
2018	I	41550	1.6%	41137	1.5%
		45100	1.6%	44888	1.3%
	III	48274	1.5%	48323	1.7%
	IV	45335	1.5%	45379	1.3%
2019	I	41688	0.3%	41551	1.0%
	11	46009	2.0%	46070	2.6%
	III	50041	3.7%	50051	3.6%
	IV	45869	1.2%	45741	0.8%
2020	I	41084	-1.4%	40561	-2.4%
		38841	-15.6%	38129	-17.2%
		45359	-9.4%	44593	-10.9%
	IV	43178	-5.9%	42547	-7.0%
2021	1	40519	-1.4%	39199	-3.4%

# Table 2: Gross Domestic Product (GDP) in million € (Non-seasonally adjusted figures)

#### Table 3: Gross Domestic Product (Non-seasonally adjusted figures)

**Gross Domestic Product** at market prices Q1 Q2 Q3 Q4 Q1 Q2 Q3 Q4 Q1 **Production method** Gross value added (at basic prices) + Taxes on products - Subsidies on products **Expenditure method** Final consumption expenditure Households and NPISH **General Government** + Gross capital formation Gross fixed capital formation Changes in inventories -180 -1166 + Exports of goods and services - Imports of goods and services Income method Compensation of employees + Gross operating surplus/mixed income + Taxes on production and imports - Subsidies 

(In million € at current prices)

\*Small deviations in sums are due to rounding.

## Table 4: Gross Domestic Product (Non-seasonally adjusted figures)

(In million €. Chain-linked volumes, reference year 2015)											
Gross Domestic Product	Gross Domestic Product 2019								2021		
at market prices	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1		
Production method	41688	46009	50041	45869	41084	38841	45359	43178	40519		
Gross value added (at basic prices)	36744	40616	43801	40160	36129	34533	39627	37921	35573		
+ Taxes on products	5317	5820	6661	6092	5289	4662	6077	5605	5175		
- Subsidies on products	372	418	458	415	340	325	376	360	255		
Expenditure method	41688	46009	50041	45869	41084	38841	45359	43178	40519		
Final consumption expenditure	38470	41001	40155	42528	37924	36610	41146	40952	36645		
Households and NPISH	30311	31980	31890	33204	29645	27788	32484	30903	27928		
General Government	8168	9021	8281	9325	8280	8788	8674	10005	8684		
+ Gross capital formation	7561	5107	3650	6319	7727	5397	5571	5058	7821		
Gross fixed capital formation	4054	4615	4661	5382	4024	4569	4762	5235	4669		
+ Exports of goods and services	13278	17518	23761	15487	13366	12296	15407	13795	13190		
- Imports of goods and services	17500	17631	17794	18371	17784	15362	16756	16537	16944		
*Chain-linking applies to each co	mponent :	separately	. Therefor	e, chain-li	nked com	ponents c	lo not sur	n up to ch	ain-		

(In million €. Chain-linked volumes, reference year 2015)

\*Chain-linking applies to each component separately. Therefore, chain-linked components do not sum up to chainlinked GDP

### Table 5: Gross Domestic Product (Seasonally adjusted figures)

(In million € at current prices)

Gross Domestic Product		20	19			2021			
at market prices	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Production method	45649	46241	45450	45167	44779	39040	40933	41551	42594
Gross value added (at basic prices)	39352	39937	39542	39289	39109	34546	35931	36595	37516
+ Taxes on products	6680	6693	6319	6298	6100	4933	5449	5398	5525
- Subsidies on products	383	389	411	421	431	440	447	442	447
Expenditure method	45649	46241	45450	45167	44779	39040	40933	41551	42594
Final consumption expenditure	40455	41126	40263	40890	40888	37397	38906	38687	38937
Households and NPISH	31524	31825	31246	31933	31697	28320	29571	29216	29562
General Government	8931	9300	9016	8956	9192	9078	9335	9471	9375
+ Gross capital formation	6182	6165	3814	6642	4983	5175	6826	5937	5007
Gross fixed capital formation	4668	4528	4909	4493	4509	4556	4963	4438	5131
Changes in inventories	1514	1637	-1095	2148	475	619	1863	1499	-125
+ Exports of goods and services	17831	17844	20721	17120	17163	10759	11973	12984	16816
- Imports of goods and services	18819	18893	19348	19484	18256	14292	16772	16057	18165
Income method	45649	46241	45450	45167	44779	39040	40933	41551	42594
Compensation of employees	16812	17127	17128	17095	17313	16375	16932	16793	16516
+ Gross operating surplus/mixed income	21846	21985	21545	21627	21389	19152	19632	20843	22035
+ Taxes on production and imports	8213	8283	7992	7671	7333	6236	6441	6603	6820
- Subsidies	1222	1154	1215	1227	1256	2724	2071	2688	2777

\*Small deviations in sums are due to rounding.

## Table 6: Gross Domestic Product (Seasonally adjusted figures)

(In million €. Chain-linked volumes, reference year 2015)

Gross Domestic Product		20	19			2021			
at market prices	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Production method	45682	45980	45703	45675	45465	39603	41126	42543	44425
Gross value added (at basic prices)	40025	40577	40351	39939	39575	34878	36391	37542	38797
+ Taxes on products	5880	6031	5924	5938	5892	4977	5303	5451	5709
- Subsidies on products	417	415	416	403	392	334	348	327	300
Expenditure method	45682	45980	45703	45675	45465	39603	41126	42543	44425
Final consumption expenditure	40166	40501	40395	40777	40457	36106	40384	39711	39469
Households and NPISH	31588	31645	31745	32054	31668	27573	31215	30498	30119
General Government	8646	9082	8543	8498	8764	8848	8950	9118	9193
+ Gross capital formation	6085	5445	4957	6262	6124	5768	6728	5192	6185
Gross fixed capital formation	4777	4508	4738	4673	4573	4711	4737	4821	4966
+ Exports of goods and services	17291	17504	17700	16950	16774	12900	13121	13967	14522
- Imports of goods and services	17669	17673	17960	18084	17709	15350	16970	16494	16819

\*Chain-linking applies to each component separately. Therefore, chain-linked components do not sum up to chain-linked GDP.

### Table 7: Gross Domestic Product (Seasonally adjusted figures)

(Chain-linked volumes) % Change vis-à-vis the same quarter of the preceding year

Gross Domestic Product		20	19			2021			
at market prices	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Production method	1.8%	2.3%	1.6%	0.9%	-0.5%	-13.9%	-10.0%	-6.9%	-2.3%
Gross value added (at basic prices)	0.8%	1.7%	2.0%	0.4%	-1.1%	-14.0%	-9.8%	-6.0%	-2.0%
+ Taxes on products	3.3%	8.0%	3.2%	2.7%	0.2%	-17.5%	-10.5%	-8.2%	-3.1%
- Subsidies on products	-0.6%	-0.7%	1.0%	-2.3%	-6.0%	-19.5%	-16.4%	-18.8%	-23.4%
Expenditure method	1.8%	2.3%	1.6%	0.9%	-0.5%	-13.9%	-10.0%	-6.9%	-2.3%
Final consumption expenditure	0.1%	1.9%	1.3%	2.4%	0.7%	-10.9%	0.0%	-2.6%	-2.4%
Households and NPISH	1.5%	1.0%	1.5%	2.5%	0.3%	-12.9%	-1.7%	-4.9%	-4.9%
General Government	-0.7%	7.7%	-1.2%	-0.8%	1.4%	-2.6%	4.8%	7.3%	4.9%
+ Gross capital formation	13.5%	-8.6%	-11.6%	-2.0%	0.6%	5.9%	35.7%	-17.1%	1.0%
Gross fixed capital formation	-7.5%	-18.8%	2.8%	-3.7%	-4.3%	4.5%	0.0%	3.2%	8.6%
+ Exports of goods and services	7.2%	6.2%	6.0%	-1.4%	-3.0%	-26.3%	-25.9%	-17.6%	-13.4%
- Imports of goods and services	5.1%	2.8%	3.1%	1.7%	0.2%	-13.1%	-5.5%	-8.8%	-5.0%

## Table 8: Gross Domestic Product (Seasonally adjusted figures)

(Chain-linked volumes) % Change vis-à-vis the previous quarter

Gross Domestic Product		20	19			2021			
at market prices	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Production method	1.0%	0.7%	-0.6%	-0.1%	-0.5%	-12.9%	3.8%	3.4%	4.4%
Gross value added (at basic prices)	0.6%	1.4%	-0.6%	-1.0%	-0.9%	-11.9%	4.3%	3.2%	3.3%
+ Taxes on products	1.7%	2.6%	-1.8%	0.2%	-0.8%	-15.5%	6.6%	2.8%	4.7%
- Subsidies on products	1.1%	-0.6%	0.3%	-3.1%	-2.7%	-14.8%	4.2%	-5.9%	-8.3%
Expenditure method	1.0%	0.7%	-0.6%	-0.1%	-0.5%	-12.9%	3.8%	3.4%	4.4%
Final consumption expenditure	0.9%	0.8%	-0.3%	0.9%	-0.8%	-10.8%	11.8%	-1.7%	-0.6%
Households and NPISH	1.0%	0.2%	0.3%	1.0%	-1.2%	-12.9%	13.2%	-2.3%	-1.2%
General Government	0.9%	5.0%	-5.9%	-0.5%	3.1%	1.0%	1.2%	1.9%	0.8%
+ Gross capital formation	-4.8%	-10.5%	-9.0%	26.3%	-2.2%	-5.8%	16.7%	-22.8%	19.1%
Gross fixed capital formation	-1.5%	-5.6%	5.1%	-1.4%	-2.1%	3.0%	0.5%	1.8%	3.0%
+ Exports of goods and services	0.6%	1.2%	1.1%	-4.2%	-1.0%	-23.1%	1.7%	6.5%	4.0%
- Imports of goods and services	-0.6%	0.0%	1.6%	0.7%	-2.1%	-13.3%	10.6%	-2.8%	2.0%

## Table 9: Gross Domestic Product (Non-seasonally adjusted figures)

(Chain-linked volumes) % Change vis-à-vis the same quarter of the preceding year

Gross Domestic Product		20	19			2021			
at market prices	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
Production method	0.3%	2.0%	3.7%	1.2%	-1.4%	-15.6%	-9.4%	-5.9%	-1.4%
Gross value added									
(at basic prices)	-0.1%	1.4%	3.1%	0.8%	-1.7%	-15.0%	-9.5%	-5.6%	-1.5%
+ Taxes on products	2.9%	5.8%	6.7%	3.1%	-0.5%	-19.9%	-8.8%	-8.0%	-2.1%
- Subsidies on products	0.6%	1.6%	3.4%	0.7%	-8.7%	-22.4%	-17.8%	-13.3%	-24.8%
Expenditure method	0.3%	2.0%	3.7%	1.2%	-1.4%	-15.6%	-9.4%	-5.9%	-1.4%
Final consumption expenditure	-1.6%	3.2%	3.0%	2.3%	-1.4%	-10.7%	2.5%	-3.7%	-3.4%
Households and NPISH	-1.8%	2.0%	4.1%	3.2%	-2.2%	-13.1%	1.9%	-6.9%	-5.8%
General Government	-0.7%	7.7%	-1.2%	-0.8%	1.4%	-2.6%	4.8%	7.3%	4.9%
+ Gross capital formation	13.6%	-11.0%	-14.7%	-4.0%	2.2%	5.7%	52.6%	-20.0%	1.2%
Gross fixed capital formation	-0.3%	-15.5%	4.6%	-4.5%	-0.7%	-1.0%	2.2%	-2.7%	16.0%
+ Exports of goods and services	5.8%	3.8%	7.9%	0.9%	0.7%	-29.8%	-35.2%	-10.9%	-1.3%
- Imports of goods and services	4.9%	2.1%	3.8%	1.1%	1.6%	-12.9%	-5.8%	-10.0%	-4.7%

#### **EXPLANATORY NOTES**

- **Generally** Quarterly national accounts (QNA) are an integrated system of macroeconomic indicators which provide a complete picture of the economic status and are used mainly for purposes of economic analysis, forecasting, decision making and policy design. The main variables are the following: Gross Domestic Product (GDP), Gross Value Added, Final consumption expenditure, Gross fixed capital formation, Imports and Exports of goods and services, Compensation of employees, Employment.
- Legal basis The QNA are compiled in accordance with the European System of Accounts -<u>ESA 2010</u> of the Council Regulation (EU) No 549/2013 of the European Parliament and of the Council of 21 May 2013.

**Reference period** The accounting period is the quarter.

**Geographical** The whole Greek territory. coverage

- **Unit of measure** The economic data are published in million euros. QNA aggregates are compiled at current prices. previous year prices and chained-linked volumes (reference year: 2015)
  - **Revision** The revision policy of national accounts data is defined as follows:

60 calendar days after the end of reference quarter, the estimation of the reference quarter is calculated as well as possible revisions of previous quarters of the current year.

Additionally, when annual national accounts' data are revised, the respective quarterly data are also revised, in order to ensure their internal coherence.

- StatisticalThe standard followed is the European System of Accounts (ESAclassification2010). Breakdowns exist for variables by economic activity and<br/>type of non-financial asset. The classification NACE Rev2 is<br/>applied for the breakdown of economic activities.
- Adjustments Seasonal adjustment is the procedure followed to remove the impact of seasonality on the time series in order to improve comparability over time. QNA are compiled both in raw and seasonally adjusted form. The seasonal adjustments (including calendar adjustment where relevant-Greek Calendar regressors) are performed applying TRAMO/SEATS method with the use of JDEMETRA+ software.

# Seasonal adjustmentThe COVID-19 pandemic and the restriction measures that were<br/>put into place had impact on the Greek Economy. Eurostat and<br/>National Statistical Authorities in the European Statistical System<br/>have been working together to elaborate guidelines and notes on<br/>how to address the statistical challenges brought about by the<br/>pandemic. Following Eurostat recommendations and guidance<br/>on time series treatment in the context of the COVID-19<br/>pandemic, this impact is suggested to be treated as outlier.

During the seasonal adjustment of the time series the estimation models were reexamined and there were determined outliers (additive outlier/level shift) in cases where it was deemed appropriate, based on statistical criteria and economic information.

As new observations will become available and will be added in the time series, the type of outliers may change, depending on the evolution of the phenomenon, which will result in revisions to already published <u>seasonally</u> adjusted data.

- **Publication of data** The QNA data are published at about 65 days after the end of the reference quarter (provisional data). The publication includes GDP and components.
  - **References** More information on the methodology and detailed tables are available on the ELSTAT website:

http://www.statistics.gr/en/statistics/-/publication/SEL84/-