

Tuesday, November 15, 2022

Quarterly Estimates of GDP for July - September 2022 (First Preliminary Estimates)

I. 国内総生産（支出側）及び各需要項目

GDP (Expenditure Approach) and Its Components

1-1. 四半期別の実質成長率（季節調整系列）

Released: 2022. 11. 15

Quarterly Real Growth Rate (Seasonally Adjusted Series, Quarter-to-Quarter)

年・期	前期比 (季節調整済) ※1						前期比の 年率換算 ※2	
	2021		2022			2022		
項目	7~9	10~12	1~3	4~6	7~9		7~9	
国内総生産 (GDP)	-0.6	1.0	0.1	1.1	-0.3	***	-1.2	Gross Domestic Product
国内需要	-0.7	1.0	0.5	1.0	0.4	***	1.4	Domestic Demand
民間需要	(-0.7)	(1.0)	(0.5)	(1.0)	***	(0.4)	***	Private Demand
民間最終消費支出	-1.1	1.8	0.8	1.0	0.4	(0.3)	1.6	Private Consumption
民間最終消費支出	-1.0	2.5	0.3	1.2	0.3	(0.1)	1.1	Private Consumption
家計最終消費支出	-1.0	2.5	0.3	1.3	0.3	(0.1)	1.1	Consumption of Households
除く持ち家の帰属家賃	-1.3	3.0	0.4	1.5	0.3	(0.1)	1.2	Excluding Imputed Rent
民間住宅	-1.8	-1.4	-1.3	-1.9	-0.4	(-0.0)	-1.7	Private Residential Investment
民間企業設備	-2.3	0.3	-0.1	2.4	1.5	(0.2)	6.3	Private Non-Resi. Investment
民間在庫変動	(0.2)	(-0.0)	(0.5)	(-0.2)	***	(-0.1)	***	Change in Private Inventories
公的需要	0.2	-1.0	-0.3	0.8	0.2	(0.1)	0.9	Public Demand
政府最終消費支出	1.2	-0.3	0.4	0.8	0.0	(0.0)	0.0	Government Consumption
公的固定資本形成	-3.6	-3.7	-3.0	1.0	1.2	(0.1)	4.9	Public Investment
公的在庫変動	(-0.0)	(0.0)	(-0.0)	(-0.0)	***	(-0.0)	***	Change in Public Inventories
(再掲)総固定資本形成 ※3	-2.5	-0.8	-0.9	1.5	1.2	(0.3)	4.8	(Regrouped) Gross Fixed Capital Formation ※3
財貨・サービスの純輸出 ※4	(0.1)	(-0.0)	(-0.5)	(0.2)	***	(-0.7)	***	Net Exports of Goods & Services ※4
財貨・サービスの輸出	-0.6	0.6	1.1	1.8	1.9	(0.4)	7.9	Exports of Goods & Services
(控除)財貨・サービスの輸入	-1.3	0.7	3.6	0.8	5.2	(-1.0)	22.6	(Less) Imports of Goods & Services

(注) ( )内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

(参考)

(cf)

最終需要	-0.8	1.0	-0.4	1.4	-0.2	***	-0.9	Final Sales of Domestic Product
国内総所得 (GDI)	-1.3	0.6	-0.4	0.2	-1.0	***	-3.9	Gross Domestic Income
国民総所得 (GNI)	-1.5	1.2	-0.1	0.3	-0.7	***	-2.9	Gross National Income
雇用者報酬 (実質)	-0.4	0.2	-0.1	-1.0	-0.8	***	***	Compensation of Employees (Real)

※1 Changes from the previous quarter (seasonally adjusted)

※2 Annualized

※3 総固定資本形成は民間住宅、民間企業設備、公的固定資本形成から成る。

Gross Fixed Capital Formation consists of Private Residential Investment, Private Non-Resi. Investment and Public Investment.

※4 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

# 1-2. 四半期別の実質成長率（原系列）

Released: 2022. 11. 15

Quarterly Real Growth Rate (Original Series, Year-over-Year)

前年同期比  
※1

(2015暦年連鎖価格； 単位：%)

(Chained (2015) yen ; %)

項 目	2021		2022				
	7~9	10~12	1~3	4~6	7~9		
国内総生産（GDP）	1.2	0.5	0.6	1.7	1.8	***	Gross Domestic Product
国内需要	0.6	0.4	1.2	1.9	2.8	***	Domestic Demand
	(0.6)	(0.4)	(1.2)	(1.9)	***	(2.9)	
民間需要	0.6	1.1	2.1	2.6	4.0	(2.9)	Private Demand
民間最終消費支出	0.4	1.5	2.0	3.1	4.3	(2.3)	Private Consumption
家計最終消費支出	0.3	1.5	2.1	3.1	4.4	(2.2)	Consumption of Households
除く持ち家の帰属家賃	0.4	1.7	2.5	3.8	5.3	(2.2)	Excluding Imputed Rent
民間住宅	-0.1	-0.9	-2.9	-6.1	-5.0	(-0.2)	Private Residential Investment
民間企業設備	0.9	-0.3	-1.0	0.4	4.1	(0.6)	Private Non-Resi. Investment
民間在庫変動	(0.1)	(0.0)	(0.9)	(0.4)	***	(0.2)	Change in Private Inventories
公的需要	0.6	-1.3	-1.3	-0.0	-0.3	(-0.1)	Public Demand
政府最終消費支出	2.0	0.9	2.1	2.1	0.9	(0.2)	Government Consumption
公的固定資本形成	-4.5	-9.3	-12.6	-8.9	-4.3	(-0.2)	Public Investment
公的在庫変動	(-0.0)	(0.0)	(0.0)	(-0.0)	***	(-0.0)	Change in Public Inventories
(再掲)総固定資本形成 ※2	-0.5	-2.6	-4.0	-2.5	0.9	(0.2)	(Regrouped) Gross Fixed Capital Formation ※2
財貨・サービスの純輸出 ※3	(0.6)	(0.1)	(-0.5)	(-0.1)	***	(-1.0)	Net Exports of Goods & Services ※3
財貨・サービスの輸出	15.6	5.8	4.5	3.0	5.6	(1.0)	Exports of Goods & Services
(控除)財貨・サービスの輸入	11.4	5.2	7.3	3.5	10.6	(-2.0)	(Less) Imports of Goods & Services

(注) ( )内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

(参考)

(cf)

最終需要	1.1	0.5	-0.0	1.3	1.7	***	Final Sales of Domestic Product
国内総所得（GDI）	-0.7	-2.0	-1.5	-0.9	-0.8	***	Gross Domestic Income
国民総所得（GNI）	1.1	-0.6	0.3	-0.2	0.8	***	Gross National Income
雇用者報酬（実質）	3.0	1.1	0.3	-1.2	-1.6	***	Compensation of Employees (Real)

※1 Changes from the previous year

※2 総固定資本形成は民間住宅、民間企業設備、公的固定資本形成から成る。

Gross Fixed Capital Formation consists of Private Residential Investment, Private Non-Resi. Investment and Public Investment.

※3 財貨・サービスの純輸出＝財貨・サービスの輸出－財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

### 1-3. 四半期別の名目成長率（季節調整系列）

Released: 2022. 11. 15

Quarterly Nominal Growth Rate (Seasonally Adjusted Series, Quarter-to-Quarter)

項目	前期比 (季節調整済) ※1		前期比の 年率換算 ※2				(%)	
	2021		2022					
	7~9	10~12	1~3	4~6	7~9	7~9		
国内総生産 (GDP)	-0.7	0.6	0.4	0.8	-0.5	***	-2.0	Gross Domestic Product
国内需要	-0.1	1.1	1.4	2.0	1.3	***	5.1	Domestic Demand
民間需要	-0.5	1.9	1.7	2.4	1.2	(0.9)	4.9	Private Demand
民間最終消費支出	-0.6	2.3	1.2	2.4	1.1	(0.6)	4.5	Private Consumption
家計最終消費支出	-0.7	2.4	1.2	2.4	1.1	(0.6)	4.5	Consumption of Households
除く持ち家の帰属家賃	-0.8	2.9	1.4	3.0	1.3	(0.6)	5.4	Excluding Imputed Rent
民間住宅	1.6	1.0	0.0	-0.5	0.0	(0.0)	0.0	Private Residential Investment
民間企業設備	-1.6	1.1	0.8	3.8	2.7	(0.4)	11.1	Private Non-Resi. Investment
民間在庫変動	(0.2)	(-0.1)	(0.5)	(-0.1)	***	(-0.1)	***	Change in Private Inventories
公的需要	0.9	-1.0	0.7	0.6	1.4	(0.4)	5.5	Public Demand
政府最終消費支出	1.8	-0.7	1.4	0.3	1.3	(0.3)	5.4	Government Consumption
公的固定資本形成	-2.4	-2.4	-1.9	2.4	2.0	(0.1)	8.3	Public Investment
公的在庫変動	(-0.0)	(0.0)	(-0.0)	(-0.0)	***	(-0.0)	***	Change in Public Inventories
(再掲)総固定資本形成※3	-1.3	0.3	0.1	2.8	2.1	(0.5)	8.8	(Regrouped) Gross Fixed Capital Formation ※3
財貨・サービスの純輸出 ※4	(-0.6)	(-0.5)	(-1.1)	(-1.2)	***	(-1.8)	***	Net Exports of Goods & Services ※4
財貨・サービスの輸出	1.4	4.9	3.6	7.6	5.0	(1.1)	21.4	Exports of Goods & Services
(控除)財貨・サービスの輸入	4.4	7.2	8.5	11.9	11.4	(-2.9)	54.0	(Less) Imports of Goods & Services

(注) ( )内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

(参考)

(cf)

最終需要	-0.8	0.7	-0.1	0.9	-0.3	***	-1.3	Final Sales of Domestic Product
国民総所得 (GNI)	-0.9	1.2	0.7	1.0	-0.2	***	-0.8	Gross National Income
雇用者報酬 (名目)	0.1	0.1	0.9	0.5	0.3	***	***	Compensation of Employees (Nominal)
GDPデフレーター	-0.0	-0.4	0.3	-0.3	-0.2	***	***	GDP Deflator
国内需要デフレーター	0.7	0.1	0.9	1.0	0.9	***	***	Domestic Demand Deflator

※1 Changes from the previous quarter (seasonally adjusted)

※2 Annualized

※3 総固定資本形成は民間住宅、民間企業設備、公的固定資本形成から成る。

Gross Fixed Capital Formation consists of Private Residential Investment, Private Non-Resi. Investment and Public Investment.

※4 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

# 1-4. 四半期別の名目成長率（原系列）

Released: 2022. 11. 15

Quarterly Nominal Growth Rate (Original Series, Year-over-Year)

前年同期比  
※1

(単位：%)

(%)

年・期 項 目	2021		2022				
	7~9	10~12	1~3	4~6	7~9		
国内総生産 (GDP)	0.0	-0.7	0.1	1.3	1.3	***	Gross Domestic Product
国内需要	1.2	1.6	3.0	4.6	5.9	***	Domestic Demand
民間需要	(1.2)	(1.6)	(3.0)	(4.6)	***	(5.9)	Private Demand
民間最終消費支出	1.0	2.0	3.8	5.8	7.4	(5.5)	Private Consumption
家計最終消費支出	-0.1	1.4	2.6	5.5	7.2	(3.9)	Consumption of Households
除く持ち家の帰属家賃	-0.2	1.3	2.7	5.5	7.2	(3.8)	Excluding Imputed Rent
民間住宅	-0.3	1.5	3.3	6.7	8.8	(3.9)	Private Residential Investment
民間企業設備	6.9	8.6	6.2	2.2	0.5	(0.0)	Private Non-Resi. Investment
民間在庫変動	3.0	2.7	2.3	4.4	8.6	(1.4)	Change in Private Inventories
民間在庫変動	(0.1)	(-0.0)	(0.7)	(0.5)	***	(0.2)	Change in Private Inventories
公的需要	1.8	0.5	0.8	1.5	1.6	(0.4)	Public Demand
政府最終消費支出	3.0	2.1	3.8	2.7	2.2	(0.5)	Government Consumption
公的固定資本形成	-1.7	-5.4	-8.8	-4.1	0.4	(0.0)	Public Investment
公的在庫変動	(-0.0)	(0.0)	(0.0)	(-0.0)	***	(-0.1)	Change in Public Inventories
(再掲)総固定資本形成※2	2.6	1.5	0.2	2.3	5.5	(1.4)	(Regrouped) Gross Fixed Capital Formation ※2
財貨・サービスの純輸出 ※3	(-1.2)	(-2.3)	(-2.8)	(-3.3)	***	(-4.7)	Net Exports of Goods & Services ※3
財貨・サービスの輸出	25.0	17.7	15.6	18.7	23.1	(4.4)	Exports of Goods & Services
(控除)財貨・サービスの輸入	33.4	34.3	32.6	35.7	45.5	(-9.1)	(Less) Imports of Goods & Services

(注) ( )内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

(参考)

(cf)

最終需要	-0.0	-0.7	-0.6	0.8	1.1	***	Final Sales of Domestic Product
国民総所得 (GNI)	1.8	0.7	2.0	2.1	2.9	***	Gross National Income
雇用者報酬 (名目)	2.3	1.0	1.0	1.6	1.8	***	Compensation of Employees (Nominal)
GDPデフレーター	-1.1	-1.2	-0.5	-0.4	-0.5	***	GDP Deflator
国内需要デフレーター	0.6	1.2	1.8	2.6	3.0	***	Domestic Demand Deflator

※1 Changes from the previous year

※2 総固定資本形成は民間住宅、民間企業設備、公的固定資本形成から成る。

Gross Fixed Capital Formation consists of Private Residential Investment, Private Non-Resi. Investment and Public Investment.

※3 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

2-1. 年次別の実質成長率  
Annual Real Growth Rate

Released: 2022. 11. 15

前年比  
※1

(2015暦年連鎖価格； 単位：%)

(Chained (2015) yen ; %)

年 目	年度 (Fiscal Year)				暦年 (Calendar Year)			
	2019	2020	2021		2020	2021		
国内総生産 (GDP)	-0.9	-4.6	2.3	***	-4.6	1.6	***	Gross Domestic Product
国内需要	-0.4	-3.9	1.5	***	-3.8	0.6	***	Domestic Demand
民間需要	-1.2	-6.3	2.0	(1.5)	-5.9	0.4	(0.3)	Private Demand
民間最終消費支出	-1.0	-5.4	2.6	(1.4)	-5.2	1.3	(0.7)	Private Consumption
家計最終消費支出	-1.3	-6.2	2.6	(1.3)	-5.9	1.1	(0.6)	Consumption of Households
除く持ち家の帰属家賃	-1.6	-7.4	3.1	(1.3)	-7.0	1.3	(0.5)	Excluding Imputed Rent
民間住宅	2.5	-7.8	-1.7	(-0.1)	-8.0	-2.0	(-0.1)	Private Residential Investment
民間企業設備	-1.7	-7.7	0.6	(0.1)	-6.9	-0.9	(-0.1)	Private Non-Resi. Investment
民間在庫変動	(-0.2)	(-0.2)	***	(0.1)	(-0.1)	***	(-0.2)	Change in Private Inventories
公的需要	2.1	3.0	-0.0	(-0.0)	2.6	1.1	(0.3)	Public Demand
政府最終消費支出	2.1	2.5	2.0	(0.4)	2.3	2.1	(0.4)	Government Consumption
公的固定資本形成	1.7	5.1	-7.5	(-0.4)	3.6	-2.7	(-0.2)	Public Investment
公的在庫変動	(0.0)	(-0.0)	***	(0.0)	(0.0)	***	(0.0)	Change in Public Inventories
(再掲)総固定資本形成 ※2	-0.4	-5.1	-1.6	(-0.4)	-4.9	-1.5	(-0.4)	(Regrouped) Gross Fixed Capital Formation ※2
財貨・サービスの純輸出 ※3	(-0.5)	(-0.6)	***	(0.8)	(-0.8)	***	(1.0)	Net Exports of Goods & Services ※3
財貨・サービスの輸出	-2.3	-10.0	12.4	(2.0)	-11.6	11.8	(1.8)	Exports of Goods & Services
(控除)財貨・サービスの輸入	0.2	-6.3	7.1	(-1.2)	-6.7	5.1	(-0.8)	(Less) Imports of Goods & Services

(注) ( )内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

(参考)

(cf)

最終需要	-0.7	-4.4	2.2	***	-4.5	1.8	***	Final Sales of Domestic Product
国内総所得 (GDI)	-0.6	-3.6	0.3	***	-3.7	0.3	***	Gross Domestic Income
国民総所得 (GNI)	-0.6	-3.8	2.0	***	-4.0	1.5	***	Gross National Income
雇用者報酬 (実質)	1.1	-1.7	2.1	***	-1.7	2.2	***	Compensation of Employees (Real)

※1 Changes from the previous year

※2 総固定資本形成は民間住宅、民間企業設備、公的固定資本形成から成る。

Gross Fixed Capital Formation consists of Private Residential Investment, Private Non-Resi. Investment and Public Investment.

※3 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

2-2. 年次別の名目成長率  
Annual Nominal Growth Rate

Released: 2022. 11. 15

前年比  
※1

(単位: %)

(%)

項目	年	年度(Fiscal Year)			暦年(Calendar Year)				
		2019	2020	2021	2020	2021			
国内総生産 (GDP)		-0.0	-3.9	1.3	***	-3.7	0.8	***	Gross Domestic Product
国内需要		0.2	-4.2	2.5	***	-3.8	1.0	***	Domestic Demand
		(0.2)	(-4.2)	***	(2.5)	(-3.8)	***	(1.1)	
民間需要		-0.6	-6.4	2.8	(2.1)	-5.8	0.7	(0.5)	Private Demand
民間最終消費支出		-0.4	-5.5	2.4	(1.3)	-5.0	0.8	(0.5)	Private Consumption
家計最終消費支出		-0.6	-6.2	2.3	(1.2)	-5.6	0.6	(0.3)	Consumption of Households
除く持ち家の帰属家賃		-0.7	-7.4	2.8	(1.2)	-6.6	0.7	(0.3)	Excluding Imputed Rent
民間住宅		4.1	-7.4	5.6	(0.2)	-7.0	3.1	(0.1)	Private Residential Investment
民間企業設備		-1.3	-8.2	3.1	(0.5)	-7.1	0.6	(0.1)	Private Non-Resi. Investment
民間在庫変動		(-0.2)	(-0.2)	***	(0.1)	(-0.2)	***	(-0.1)	Change in Private Inventories
公的需要		2.7	2.4	1.5	(0.4)	2.3	2.0	(0.5)	Public Demand
政府最終消費支出		2.5	1.7	3.1	(0.7)	1.7	2.6	(0.6)	Government Consumption
公的固定資本形成		3.2	5.5	-4.3	(-0.2)	4.4	-0.3	(-0.0)	Public Investment
公的在庫変動		(0.0)	(-0.0)	***	(0.0)	(0.0)	***	(-0.0)	Change in Public Inventories
(再掲)総固定資本形成 ※2		0.4	-5.2	1.8	(0.4)	-4.7	0.7	(0.2)	(Regrouped) Gross Fixed Capital Formation ※2
財貨・サービスの純輸出 ※3		(-0.2)	(0.3)	***	(-1.2)	(0.0)	***	(-0.3)	Net Exports of Goods & Services ※3
財貨・サービスの輸出		-5.4	-11.8	22.9	(3.6)	-14.0	19.3	(3.0)	Exports of Goods & Services
(控除)財貨・サービスの輸入		-4.1	-13.2	30.3	(-4.8)	-13.9	20.9	(-3.3)	(Less) Imports of Goods & Services

(注) ( )内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

(参考)

(cf)

最終需要	0.1	-3.7	1.2	***	-3.6	0.9	***	Final Sales of Domestic Product
国民総所得 (GNI)	0.0	-4.2	3.0	***	-4.0	2.0	***	Gross National Income
雇用者報酬 (名目)	2.0	-1.5	1.8	***	-1.2	1.7	***	Compensation of Employees (Nominal)
GDPデフレーター	0.8	0.7	-1.0	***	0.9	-0.9	***	GDP Deflator
国内需要デフレーター	0.6	-0.3	1.0	***	0.0	0.4	***	Domestic Demand Deflator

※1 Changes from the previous year

※2 総固定資本形成は民間住宅、民間企業設備、公的固定資本形成から成る。

Gross Fixed Capital Formation consists of Private Residential Investment, Private Non-Resi. Investment and Public Investment.

※3 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

## Ⅱ. 形態別国内家計最終消費支出及び財貨・サービス別の輸出入

Domestic Final Consumption Expenditure of Households Classified by Type and Exports and Imports of Goods and Services

### 1-1. 四半期別の実質成長率

Quarterly Real Growth Rate

項 目	(2015暦年連鎖価格； 単位：%)						前期比の 年率換算 ※2		前年 同期比 ※3	(Chained (2015) Yen ; %)
	2021		2022				2022	2022		
	7~9	10~12	1~3	4~6	7~9		7~9	7~9		
(再掲) 家計最終消費支出	-1.0	2.5	0.3	1.3	0.3	(0.1)	1.1	4.4	Consumption of Households	
居住者家計の海外での直接購入	-3.5	2.7	5.6	5.0	57.6	(0.0)	517.3	79.0	Direct Purchases Abroad by Resident Households	
(控除) 非居住者家計の国内での直接購入	10.1	-8.7	-1.2	-7.2	1.8	(-0.0)	7.2	-14.0	(Less) Direct Purchases in the Domestic Market by Non-Resident Households	
国内家計最終消費支出	-1.0	2.5	0.3	1.3	0.2	(0.1)	0.8	4.3	Domestic Final Consumption Expenditure of Households	
耐 久 財	-16.2	9.0	-0.6	0.8	-3.5	(-0.1)	-13.3	5.3	Durable Goods	
半 耐 久 財	-5.6	7.9	-0.7	5.3	4.7	(0.1)	20.4	18.3	Semi-Durable Goods	
非 耐 久 財	1.2	-0.9	1.1	0.2	0.1	(0.0)	0.2	0.5	Non-Durable Goods	
サ ー ビ ス	0.5	2.9	0.1	1.4	0.3	(0.1)	1.1	4.8	Services	

(再掲) 財貨・サービスの純輸出 ※4	(0.1)	(-0.0)	(-0.5)	(0.2)	***	(-0.7)	***	(-1.0)	Net Exports of Goods & Services ※4
(再掲) 財貨・サービスの輸出	-0.6	0.6	1.1	1.8	1.9	(0.4)	7.9	5.6	Exports of Goods & Services
財貨の輸出	-0.9	0.9	2.0	1.1	1.3	(0.2)	5.4	5.4	Exports of Goods
サービスの輸出 ※5	0.6	-0.7	-2.8	5.1	4.7	(0.2)	20.3	6.5	Exports of Services ※5
(再掲) 財貨・サービスの輸入	-1.3	0.7	3.6	0.8	5.2	(-1.0)	22.6	10.6	Imports of Goods & Services
財貨の輸入	-0.6	0.8	3.7	1.9	2.1	(-0.3)	8.7	8.7	Imports of Goods
サービスの輸入 ※6	-3.5	0.2	3.0	-3.1	17.1	(-0.7)	88.2	17.6	Imports of Services ※6

(注) ( )内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

※1 Changes from the previous quarter (seasonally adjusted)

※2 Annualized

※3 Changes from the previous year (year-over-year)

※4 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

※5 含む非居住者家計の国内での直接購入

Including Direct Purchases in the Domestic Market by Non-Resident Households

※6 含む居住者家計の海外での直接購入

Including Direct Purchases Abroad by Resident Households

# 1-2. 四半期別の名目成長率

Quarterly Nominal Growth Rate

Released: 2022. 11. 15

年・期	前期比 (季節調整済) ※1						前期比の 年率換算 ※2	前年 同期比 ※3	
	2021		2022				2022	2022	
	7~9	10~12	1~3	4~6	7~9		7~9	7~9	
(再掲) 家計最終消費支出	-0.7	2.4	1.2	2.4	1.1	(0.6)	4.5	7.2	Consumption of Households
居住者家計の海外での直接購入	-2.1	4.8	7.6	17.6	66.9	(0.0)	676.4	120.7	Direct Purchases Abroad by Resident Households
(控除) 非居住者家計の国内での直接購入	10.4	-8.2	-0.3	-6.0	2.5	(-0.0)	10.4	-11.0	(Less) Direct Purchases in the Domestic Market by Non-Resident Households
国内家計最終消費支出	-0.7	2.4	1.2	2.4	1.0	(0.6)	4.1	7.1	Domestic Final Consumption Expenditure of Households
耐久財	-13.8	6.8	-0.5	2.7	0.8	(0.0)	3.2	10.1	Durable Goods
半耐久財	-5.7	7.6	0.1	5.6	5.4	(0.2)	23.4	20.0	Semi-Durable Goods
非耐久財	2.5	0.7	3.6	1.5	0.8	(0.1)	3.1	6.8	Non-Durable Goods
サービス	0.1	2.2	0.2	2.5	0.7	(0.2)	3.0	5.7	Services

(再掲) 財貨・サービスの純輸出 ※4	(-0.6)	(-0.5)	(-1.1)	(-1.2)	***	(-1.8)	***	(-4.7)	Net Exports of Goods & Services ※4
(再掲) 財貨・サービスの輸出	1.4	4.9	3.6	7.6	5.0	(1.1)	21.4	23.1	Exports of Goods & Services
財貨の輸出	1.1	5.5	4.7	6.7	4.3	(0.8)	18.4	23.2	Exports of Goods
サービスの輸出 ※5	2.6	2.5	-1.5	12.1	8.0	(0.3)	36.3	22.7	Exports of Services ※5
(再掲) 財貨・サービスの輸入	4.4	7.2	8.5	11.9	11.4	(-2.9)	54.0	45.5	Imports of Goods & Services
財貨の輸入	6.3	8.5	9.5	14.2	10.0	(-2.0)	46.4	49.5	Imports of Goods
サービスの輸入 ※6	-2.0	2.5	4.6	2.7	17.7	(-0.8)	91.9	30.4	Imports of Services ※6

(注) ( ) 内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

※1 Changes from the previous quarter (seasonally adjusted)

※2 Annualized

※3 Changes from the previous year (year-over-year)

※4 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

※5 含む非居住者家計の国内での直接購入

Including Direct Purchases in the Domestic Market by Non-Resident Households

※6 含む居住者家計の海外での直接購入

Including Direct Purchases Abroad by Resident Households



## 2-1. 年次別の実質成長率

Annual Real Growth Rate

Released: 2022. 11. 15

前年比  
※1

(2015暦年連鎖価格； 単位：%)

(Chained (2015) Yen ; %)

項 目	年 度 (Fiscal Year)				暦 年 (Calendar Year)			
	2019	2020	2021		2020	2021		
(再掲) 家計最終消費支出	-1.3	-6.2	2.6	(1.3)	-5.9	1.1	(0.6)	Consumption of Households
居住者家計の海外での直接購入	-1.1	-84.9	2.3	(0.0)	-72.9	-48.0	(-0.0)	Direct Purchases Abroad by Resident Households
(控除) 非居住者家計の国内での直接購入	-5.2	-87.6	-3.1	(0.0)	-77.3	-52.1	(0.1)	(Less) Direct Purchases in the Domestic Market by Non-Resident Households
国内家計最終消費支出	-1.3	-6.8	2.6	(1.3)	-6.5	1.0	(0.5)	Domestic Final Consumption Expenditure of Households
耐 久 財	-1.9	-3.8	-2.8	(-0.1)	-7.1	1.2	(0.0)	Durable Goods
半 耐 久 財	-3.0	-5.4	0.5	(0.0)	-5.6	-1.4	(-0.0)	Semi-Durable Goods
非 耐 久 財	-1.3	-2.5	1.7	(0.3)	-2.2	0.9	(0.1)	Non-Durable Goods
サ ー ビ ス	-1.1	-9.4	4.0	(1.2)	-8.6	1.2	(0.4)	Services

(再掲) 財貨・サービスの純輸出 ※2	(-0.5)	(-0.6)	***	(0.8)	(-0.8)	***	(1.0)	Net Exports of Goods & Services ※2
(再掲) 財貨・サービスの輸出	-2.3	-10.0	12.4	(2.0)	-11.6	11.8	(1.8)	Exports of Goods & Services
財貨の輸出	-3.1	-6.5	14.2	(1.8)	-8.6	14.2	(1.8)	Exports of Goods
サービスの輸出 ※3	0.9	-22.4	4.8	(0.1)	-22.3	1.7	(0.1)	Exports of Services ※3
(再掲) 財貨・サービスの輸入	0.2	-6.3	7.1	(-1.2)	-6.7	5.1	(-0.8)	Imports of Goods & Services
財貨の輸入	-1.4	-4.8	7.4	(-0.9)	-6.2	6.2	(-0.7)	Imports of Goods
サービスの輸入 ※4	6.2	-11.0	6.3	(-0.2)	-8.6	1.7	(-0.1)	Imports of Services ※4

(注) ( ) 内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

※1 Changes from the previous year

※2 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

※3 含む非居住者家計の国内での直接購入

Including Direct Purchases in the Domestic Market by Non-Resident Households

※4 含む居住者家計の海外での直接購入

Including Direct Purchases Abroad by Resident Households

## 2-2. 年次別の名目成長率

Annual Nominal Growth Rate

Released: 2022. 11. 15

前年比  
※1

(単位: %)

項 目	年	年度(Fiscal Year)				暦年(Calendar Year)			
		2019	2020	2021		2020	2021		
					( )			( )	
(再掲) 家計最終消費支出		-0.6	-6.2	2.3	(1.2)	-5.6	0.6	(0.3)	Consumption of Households
居住者家計の海外での直接購入		-4.7	-84.7	13.6	(0.0)	-73.0	-43.4	(-0.0)	Direct Purchases Abroad by Resident Households
(控除) 非居住者家計の国内での直接購入		-4.7	-87.6	-3.0	(0.0)	-77.3	-52.3	(0.1)	(Less) Direct Purchases in the Domestic Market by Non-Resident Households
国内家計最終消費支出		-0.7	-6.8	2.3	(1.2)	-6.2	0.5	(0.2)	Domestic Final Consumption Expenditure of Households
耐 久 財		-0.5	-2.5	-2.7	(-0.1)	-5.5	1.3	(0.1)	Durable Goods
半 耐 久 財		-1.9	-4.6	0.5	(0.0)	-4.3	-1.5	(-0.0)	Semi-Durable Goods
非 耐 久 財		-0.4	-2.9	5.7	(0.9)	-2.1	3.0	(0.5)	Non-Durable Goods
サ ー ビ ス		-0.7	-9.5	1.5	(0.4)	-8.4	-0.7	(-0.2)	Services

(再掲) 財貨・サービスの純輸出 ※2	(-0.2)	(0.3)	***	(-1.2)	(0.0)	***	(-0.3)	Net Exports of Goods & Services ※2
(再掲) 財貨・サービスの輸出	-5.4	-11.8	22.9	(3.6)	-14.0	19.3	(3.0)	Exports of Goods & Services
財貨の輸出	-7.0	-8.5	25.2	(3.2)	-11.2	22.3	(2.8)	Exports of Goods
サービスの輸出 ※3	0.4	-23.7	13.2	(0.4)	-23.5	7.2	(0.2)	Exports of Services ※3
(再掲) 財貨・サービスの輸入	-4.1	-13.2	30.3	(-4.8)	-13.9	20.9	(-3.3)	Imports of Goods & Services
財貨の輸入	-6.8	-13.1	35.0	(-4.2)	-14.7	25.0	(-3.0)	Imports of Goods
サービスの輸入 ※4	5.4	-13.6	15.4	(-0.6)	-11.2	8.0	(-0.3)	Imports of Services ※4

(注) ( ) 内は国内総生産に対する寄与度を表す。

Note: The figures in ( ) indicate contributions to changes in GDP.

※1 Changes from the previous year

※2 財貨・サービスの純輸出=財貨・サービスの輸出-財貨・サービスの輸入

Net Exports of Goods & Services = Exports of Goods & Services - Imports of Goods & Services

純輸出の寄与度は輸出と輸入の寄与度の差によって求めている。

The contribution is calculated as the contribution of Exports less that of Imports.

※3 含む非居住者家計の国内での直接購入

Including Direct Purchases in the Domestic Market by Non-Resident Households

※4 含む居住者家計の海外での直接購入

Including Direct Purchases Abroad by Resident Households

**Technical Note and Announcement:  
Quarterly Estimates of GDP for July-September 2022  
(First Preliminary Estimates)**

**Technical Note:**

**(1) Major Factors of the Revision from the First Preliminary Estimates to the Second Preliminary Estimates**

Quarterly Estimates of GDP for July-September 2022 (Second Preliminary Estimates) will incorporate the FY2021 Annual Estimates of GDP.

In addition, the regular revision through incorporating newly available source statistics replaces the first preliminary estimates by the second preliminary estimates and its major factors are as follows.

<Original Series>

➤ Private Non-Residential Investment

First Preliminary: Estimates for the latest quarter are based on supply-side source statistics.

Second Preliminary: Estimates for the latest quarter integrate supply-side and demand-side source statistics, since demand-side statistics such as *Quarterly Financial Statements Statistics of Corporations by Industry* (Ministry of Finance) have become available. The supply-side estimates are also revised due to addition and revision of source statistics.

➤ Change in Private Inventories

First Preliminary: Estimates of “Materials and Supplies” and “Work-in-Progress” (nominal and real original series) for the latest quarter are provided by time-series projection with the ARIMA model used in the seasonal adjustment.

Second Preliminary: Estimates of “Materials and Supplies” and “Work-in-Progress” for the latest quarter incorporate *Quarterly Financial Statements Statistics of Corporations by Industry*. Estimates of “Finished Goods” and “Wholesale and Retail Trades” are also revised due to revision of source statistics etc.

➤ Other addition and revision of source statistics

First Preliminary: If any source statistics are not yet available for any months in the latest quarter, extrapolation is conducted. If preliminary figures are available but final figures are not, the former are incorporated. Estimates incorporate source statistics which are available on the day *Balance of Payments (Preliminary)* for the third month of the latest quarter are released.

Second Preliminary: If some source statistics have become available or been replaced by fixed estimates or revised for some reason, they are updated. Estimates incorporate source statistics which are available on the day *Quarterly Financial Statements Statistics of Corporations by Industry* for the latest

quarter are released.

### <Seasonally Adjusted Series>

Seasonally adjusted series are revised from January-March 1994 (both nominal and real), since the seasonal adjustment is conducted with the latest estimates of original series updated as above.

In the Quarterly Estimates of GDP for July-September 2022 (Second Preliminary Estimates), the specifications for seasonal adjustment such as choice of regressors and selection of ARIMA models will be revised along with the incorporation of FY2021 Annual Estimates of GDP.

(Note) Mean Absolute revision from the first preliminary estimates to the second preliminary estimates

Mean absolute revision of Quarterly Real GDP Growth Rate (Seasonally Adjusted Series) from the first preliminary estimates to the second preliminary estimates is 0.19 % points for the quarters from April-June 2010\* to April-June 2022 (0.76 % points for annualized rate\*\*).

\* Since the first preliminary estimates for this quarter, the method for extrapolation of the demand-side estimates in the estimation process of Private Non-Residential Investment has been changed to the current one.

\*\*The annualized rate is the annual growth rate under the assumption such that the quarterly growth rate in the quarter repeats itself for four quarters.

## (2) Other Issues

### ➤ Incorporation of the retroactive revision of source statistics

In addition to the regular revision of source statistics, the first preliminary estimates incorporate the following revision in source statistics.

Source Statistics Revised	Periods of Incorporation	Released	Revised Estimates
Balance of Payments	From April-June 2020	November 2022	Income from/to the Rest of the World estimates
Corporate Goods Price Index	From January-March 2021	September 2022	Supply-side estimates Deflator estimates
Services Producer Price Index	From January-March 2021	September 2022	Supply-side estimates Deflator estimates

### ➤ Methodological change responding to the COVID-19

The extrapolation methods for the third month of the latest quarter for supply-side statistics are partially changed responding to the COVID-19, etc. With regard to adjusting outliers, additive outliers(AO) are applied to the Durable Goods and the Government Individual Consumption Expenditure for October-December 2021, January-March 2022, April-June 2022 and July-September 2022, and Direct Purchases Abroad by Resident Households for April-June 2022(only nominal series) and July-September 2022 in addition to the other dummy variables shown in the “Supplementary Material” of the Preliminary Estimates in July-September 2021.

[https://www.esri.cao.go.jp/en/sna/data/sokuhou/files/2021/qe213\\_2/pdf/model\\_e.pdf](https://www.esri.cao.go.jp/en/sna/data/sokuhou/files/2021/qe213_2/pdf/model_e.pdf)

The methodology of the first preliminary estimates, including the above, are changed based on the following announcement.

[https://www.esri.cao.go.jp/jp/sna/data/reference1/siryou/2022/pdf/announce\\_20221026.pdf](https://www.esri.cao.go.jp/jp/sna/data/reference1/siryou/2022/pdf/announce_20221026.pdf)

- Estimates of change in private inventories by four categories in Quarterly Estimates of GDP for July-September 2022 (First Preliminary Estimates)

Estimates of change in private inventories by four categories in Quarterly Estimates of GDP for July-September 2022 (First Preliminary Estimates) are as follows (real seasonally adjusted series, annualized):

( Billions of Chained (2015) Yen )

	2021/ 7-9	10-12	2022/ 1-3	4-6	7-9	Contributions to Change in Real GDP at 2022/7-9 (%)
Change in Private Inventories	558.7	319.0	2,997.3	1,759.5	1,376.3	-0.1
Materials and Supplies	94.4	264.7	410.3	547.2	-88.4	-0.1
Work-in-Progress	982.0	685.5	2,311.2	1,233.4	1,009.9	-0.0
Finished Goods	1,024.5	1,134.4	879.6	918.5	1,351.2	0.1
Wholesale and Retail Trade	-1,506.8	-1,719.9	-600.5	-990.2	-907.5	0.0

- Supply-side and demand-side estimates in the estimation process of Private Non-Residential Investment in Quarterly Estimates of GDP for July-September 2022 (First Preliminary Estimates)

In the estimation process of Private Non-Residential Investment for July-September 2022 in Quarterly Estimates of GDP for July-September 2022 (First Preliminary Estimates), the supply-side estimate of quarter-to-quarter percent change is 12.9% (nominal original series) based on supply-side source statistics and the demand-side estimate of quarter-to-quarter percent change is 14.2% (nominal original series) based on a tentative extrapolation with the information from supply-side estimates.

## **Announcement:**

### **Release Schedule of the Quarterly Estimates of GDP**

#### **Second Preliminary Estimates for July-September 2022:**

8:50 A.M. JST, Thursday, December 8, 2022.

#### **First Preliminary Estimates for October-December 2022:**

8:50 A.M. JST, Tuesday, February 14, 2023.

#### **Second Preliminary Estimates for October-December 2022:**

8:50 A.M. JST, Thursday, March 9, 2023.

#### **First Preliminary Estimates for January-March 2023:**

8:50 A.M. JST, no later than the later day of the following two: (a) the day 10 working days after the release of *Preliminary Report on Indices of Industrial Production* for March 2023 and (b) the day 10 working days after the release of *Export (Detailed) of Trade Statistics* for March 2023. (The exact date of release will be announced on the website no later than 10 days before the release date.)

#### **Second Preliminary Estimates for January-March 2023:**

8:50 A.M. JST, Thursday, June 8, 2023.

The above schedule may be changed due to changes in the release schedule of source statistics etc.