**Gross National Product** (GNP)



# Gross Domestic Product (GDP)

GDP is the total monetary value of all final goods and services produced within **the domestic territory** of a country in a given period, usually one year.

RAFTIN



# Gross National Product (GNP)

GNP is the total monetary value of all final goods and services produced by the residents (nationals) of a country in a given time period (usually a year), regardless of where they are located.



#### Net Factor <u>Income</u> from Abroad (NFIA)

i NFIA = Income earned by Indians abroad – Income earned by foreigners in India

In 2023, **Indians** working or investing **abroad** <u>earned</u>

₹10 lakh crore

In the same year, **foreigners** working or investing **in India** <u>earned</u>

₹4.5 Lakh crore

NFIA = ₹10 - ₹4 = + ₹6 lakh crore

This means India's **net income from the rest of the world** is **₹6 crore**.



## Gross National Product (GNP)

**GNP = GDP ± Net Factor Income from Abroad (NFIA)** 

- **GDP** = Production within the country's borders
- NFIA = Income earned by residents abroad income earned by foreigners in the country



# GNP Calculation Example

Let's say, GDP of India = ₹261.2 lakh crore

• Income earned by Indians abroad = ₹10 lakh crore

• Income earned by foreigners in India = ₹4 takh crore

Then: GNP = ₹261.2 + (10 – 4) = ₹255.2 lakh crore



## When NFIA is Negative

For example, Ireland hosts many foreign multinational companies (like Google, Apple, Facebook), which earn huge profits inside Ireland — but send those profits back to their foreign owners.

At the same time, **Irish citizens working abroad** earn some income, but **much less** than what foreigners earn within Ireland.



#### Ireland: Hypothetical Data

Income earned by Irish abroad: €20 billion

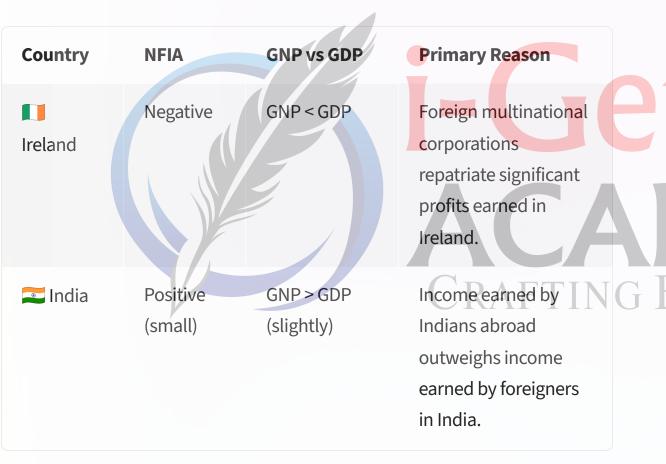
Income earned by foreigners in Ireland: €60 billion

(3) NFIA = €20B - €60B = -€40 billion CRAFTING EXCELLENCE

If Ireland's GDP = €500 billion, then:

GNP = €500B - €40B = €460 billion

# GNP vs GDP: Global Examples





## What GNP Includes and Excludes

#### **GNP Includes:**

- Wages sent by Indian workers abroad
- Profits of Indian companies operating overseas
- Interest/dividends earned abroad by Indian citizens

#### **GNP Excludes:**

- Income generated inside India by foreign-owned companies
- Remittances **sent by foreigners** from India to their home countries



## **GNP vs GDP Comparison**

Feature	GDP	GNP
Area of production	Within national borders	By nationals (residents), anywhere in world
Includes income of	Foreigners working inside India	Indians working abroad
Excludes income of	Indians abroad	Foreigners in India
Used for	Measuring domestic economic strength	Measuring national income of citizens



### Why GNP Matters

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**Total National Income** 

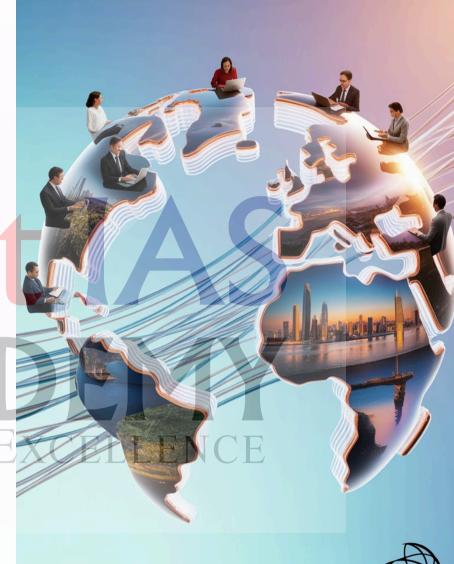
Shows total income generated by a country's citizens

Remittance Significance

2 Useful when remittances and overseas business income are significant

**External Linkages** 

Important for understanding external sector linkages



Unlock global potential



### Why GDP Matters

Reflects Domestic Economy

GDP shows **how much is produced inside the country**, which reflects **local jobs, industries, and economic activity**.

**Used for Planning & Policy** 

Governments use GDP to decide **budgets**, **investments**, **and economic policies** — because it tells them what's happening **within national borders**.

**Easier to Measure Accurately** 

GDP is based on **domestic production data**, which is easier to track than income earned by citizens **living abroad** (needed for GNP).





**IMF, World Bank, UN** and most countries use **GDP** to compare economies — so it's better for **international comparisons**.

#### Reflects Resource Usage

GDP shows how much of a country's **land, labor, and capital** are being used — even if some profits go to foreigners.Reflects Resource Usage

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