

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Target 9.1: Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all

9.1.2 Passenger and freight volumes, by mode of transport

Contact Information

Agency: DOTr and Attached Agencies

Tel. Number:

Contact Person:

Email Address:

Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

Passenger and freight volumes is the sum of the passenger and freight volumes reported for the air carriers in terms of number of people and metric tonnes of cargo respectively.

National Definition

Passenger and freight volumes is the sum of the passenger and freight volumes reported for the air carriers in terms of number of people and metric tonnes of cargo respectively.

Method of Computation

Global

The indicator is calculated through a sum of the passenger and freight volumes reported for the air carriers through ICAO Air Transport Reporting Forms and grouped by Member States of ICAO

National

The indicator is calculated through a sum of the passenger and freight volumes reported for the air carriers through the Civil Aviation Authority of the Philippines.

Matching (only for the Global SDG indicator)

Exact Matching	X
Good Matching	
Partial Match	
D-match	
E-match	

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National	Yes
Regional	Yes
Provincial	No
by Sex	No
Other Disaggregations, please specify	

Frequency of Release

Monthly	No
Quarterly	No
Semestral	No
Annual	Yes
Every 2 years	No
Every 3 years	No
Every 5 years	No

Others, please specify

Data Source

Data Compiler

Data Source Agency

DOTr and Attached Agencies, PSA

Data Source

Administrative data

Basic Data Provider

Data Source Agency

DOTr and Attached Agencies, PSA

Data Source

Administrative data

Collection Process

Household Survey

No

Enterprise Survey

No

Administrative Data

Yes

Census

No

Estimation

No

Others, please specify

Accountable organization for the achievement of this target

DOTr and Attached Agencies

References

Remarks (Source of possible discrepancies with the global data)

Indicators reflected in draft PDP-RM 2017-2022 (Chapter 19: Accelerating Strategic Infrastructure Development)

Air passenger traffic increased (international and domestic), in number of passengers

Baseline: 57,487,886 (2015)

Air cargo traffic increased, (international and domestic), in metric tons (MT)

Baseline: 805,977,094 (2015)

Number of passengers transported via sea increased

Baseline: 62,762,732 (2015)

Cargo shipped increased (international and domestic), in MT

Baseline: 223,672,070 (2015)

Container traffic increased, in twenty-foot equivalent unit (TEU)

Baseline: 5,861,830 (2015)

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Target 9.2: Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries

9.2.1 Manufacturing value added as a proportion of GDP and per capita

Contact Information

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Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

Manufacturing value added (MVA) as a proportion of Gross Domestic Product (GDP) and per capita is the total value of goods and services net of intermediate consumption. It is generally compiled as the sum of the value added of all manufacturing activity in its in operation in the reference period. For the purpose on comparability over time and across countries MVA is estimated in terms of constant prices in USD. The current series are given at constant prices of 2010.

National Definition

Manufacturing gross value added (GVA) as a proportion of Gross Domestic Product (GDP). It is generally compiled as the sum of the value added of all manufacturing activity units in operation in the reference period

Method of Computation

Global

MVA proportion to GDP = $MVA/GDP \times 100$.
MVA per capita = $MVA/population$

National

Manufacturing GVA/GDP*100

Matching (only for the Global SDG indicator)

Exact Matching	
Good Matching	X
Partial Match	
D-match	
E-match	

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National	Yes
Regional	Yes
Provincial	No
by Sex	NA
Other Disaggregations, please specify	

Frequency of Release

Monthly	No
Quarterly	Yes, National
Semestral	No
Annual	Yes, Regional

Every 2 years	No
Every 3 years	No
Every 5 years	No
Others, please specify	

Data Availability

Latest estimate	
Latest year	2015

Data Source

Data Compiler

Data Source Agency

Philippine Statistics Authority- Macroeconomic Accounts
Service-Production Accounts Division

Data Source

National Accounts of the Philippines

Basic Data Provider

Data Source Agency

Philippine Statistics Authority

Data Source

MISSI, QSPBI, PPI

Collection Process

Household Survey	No
Enterprise Survey	Yes
Administrative Data	No
Census	No
Estimation	No
Others, please specify	

Accountable organization for the achievement of this target

DTI and attached agencies

References

Remarks (Source of possible discrepancies with the global data)

- Disaggregation per geographic location is already available; disaggregation by industry is also suggested. Disaggregating the data beyond this may not be relevant.
- DOST recommended the inclusion of a similar set of targets/indicators for services (verify).
- good match only since Philippines has 2000 base year

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Target 9.2: Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries

9.2.2 Manufacturing employment as a proportion of total employment

Contact Information

Agency: PSA-SSSS-IESD Tel. Number: 376-2092
Contact Person: Sotera de Guzman Email Address: s.deguzman@psa.gov.ph

Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

Employment is defined as a work performed for pay or profit. The value is obtained by summing up the number of employed in all manufacturing activities. The manufacturing employment indicator is presented in absolute terms as well as relative to total employment.

National Definition

Employment is defined as a work performed for pay or profit. As defined in the Labor Force Survey (LFS) employed persons refers to persons in the labor force who are reported either as at work or with a job or business although not at work. Persons at work are those who did some work, even for an hour during the reference period

Method of Computation

Global

Number of persons employed in manufacturing activities / Total number of employment in all activities × 100

National

Number of persons employed in manufacturing activities / Total number of employment in all activities × 100

Matching (only for the Global SDG indicator)

Exact Matching	X
Good Matching	
Partial Match	
D-match	
E-match	

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National	Yes
Regional	Yes
Provincial	Yes
by Sex	Yes
Other Disaggregations, please specify	

Frequency of Release

Monthly	No
Quarterly	Yes
Semestral	No
Annual	No
Every 2 years	No
Every 3 years	No

Every 5 years
Others, please specify

No

Data Source

Data Compiler

Data Source Agency

Philippine Statistics Authority-Social Sector Statistics Service-

Data Source

Labor Force Survey

Basic Data Provider

Data Source Agency

Philippine Statistics Authority-Social Sector Statistics Service-

Data Source

Labor Force Survey

Collection Process

Household Survey

Yes

Enterprise Survey

No

Administrative Data

No

Census

No

Estimation

No

Others, please specify

Accountable organization for the achievement of this target

DTI and attached agency, DOLE

References

Remarks (Source of possible discrepancies with the global data)

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Target 9.5: Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and

9.5.1 Research and development expenditure as a proportion of GDP

Contact Information

Agency:	PSA-MAS-EAD	Tel. Number:	
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Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

Research and development (R&D) expenditure as a proportion of Gross Domestic Product (GDP) is the amount of R&D expenditure divided by the total output of the economy.

National Definition

Research and development (R&D) expenditure as a proportion of Gross Domestic Product (GDP) is the amount of R&D expenditure divided by the total output of the economy.

Method of Computation

Global

Computation of the indicator Research and development (R&D)expenditure as a proportion of Gross Domestic Product (GDP) is self-explanatory, using readily available GDP data as denominator.

National

Computation of the indicator Research and development (R&D)expenditure as a proportion of Gross Domestic Product (GDP) is self-explanatory, using readily available GDP data as denominator.

Matching (only for the Global SDG indicator)

Exact Matching	X
Good Matching	
Partial Match	
D-match	
E-match	

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

National	Yes
Regional	Yes
Provincial	No
by Sex	NA
Other Disaggregations, please specify	

Frequency of Release

Monthly	No
Quarterly	Yes
Semestral	No
Annual	No
Every 2 years	No
Every 3 years	No

Every 5 years
Others, please specify

No

Data Source

Data Compiler

Data Source Agency

Philippine Statistics Authority- Macroeconomic Accounts
Service-Expenditure Accounts Division

Data Source

National Accounts of the Philippines

Basic Data Provider

Data Source Agency

PSA, DOST

Data Source

PSA (CPBI, ASPBI), DOST

Collection Process

Household Survey

No

Enterprise Survey

Yes

Administrative Data

Yes

Census

Yes

Estimation

No

Others, please specify

Accountable organization for the achievement of this target

All agencies with R&D budget

References

Remarks (Source of possible discrepancies with the global data)

- Expenditure on R & D in National Accounts of the Philippines is part of the IPP expenditure item but not currently published.

- No further disaggregation since regional data is already available. DOST suggested to include ratio of registered/approved patents to R&D expenditure as an indicator of innovation (an output indicator; expenditure as input indicator). The number of registered/approved patents is also a part of the Global Competitiveness Index.

NEDA comments:

- retain indicator using Unified Accounts Code Structure (UACS) as source of data
- not to include the other suggested indicators

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation

Target 9.a: Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States

9.a.1 Total official international support (official development assistance plus other official flows) to infrastructure

Contact Information

Agency: NEDA/DBM/DOF
Contact Person:

Tel. Number:
Email Address:

Indicator Classification

Global SDG Indicator	Yes
Proxy	No
Supplemental	No

Definition

Global Definition

Gross disbursements of total ODA and other official flows from all donors in support of infrastructure.

The DAC defines ODA as “those flows to countries and territories on the DAC List of ODA Recipients and to multilateral institutions which are

i) provided by official agencies, including state and local governments, or by their executive agencies; and

ii) each transaction is administered with the promotion of the economic development and welfare of developing countries as its main objective; and

is concessional in character and conveys a grant element of at least 25 per cent (calculated at a rate of discount of 10 per cent).

Other official flows (OOF): Other official flows (excluding officially supported export credits) are defined as transactions by the official sector which do not meet the conditions for eligibility as ODA, either because they are not primarily aimed at development, or because they are not sufficiently concessional.

National Definition

To be defined

Method of Computation

Global

The sum of ODA and OOF flows from all donors to developing countries for infrastructure.

National

To be defined

Matching (only for the Global SDG indicator)

Exact Matching

Good Matching

Partial Match

D-match

E-match

Level of Disaggregation (Please specify whether Yes- available, No-Not available, NA- Not applicable)

<i>National</i>	Yes
<i>Regional</i>	Yes
<i>Provincial</i>	Yes
<i>by Sex</i>	NA
<i>Other Disaggregations, please specify</i>	
Frequency of Release	
<i>Monthly</i>	No
<i>Quarterly</i>	No
<i>Semestral</i>	No
<i>Annual</i>	Yes
<i>Every 2 years</i>	No
<i>Every 3 years</i>	No
<i>Every 5 years</i>	No
<i>Others, please specify</i>	
Data Source	
Data Compiler	
<i>Data Source Agency</i>	<i>Data Source</i>
Basic Data Provider	
<i>Data Source Agency</i>	<i>Data Source</i>
NEDA, DBM, DOF	
Collection Process	
Household Survey	No
Enterprise Survey	No
Administrative Data	Yes
Census	No
Estimation	No
Others, please specify	
Accountable organization for the achievement of this target	
NEDA	
References	
ODA- http://www.oecd.org/dac/stats/officialdevelopmentassistancedefinitionandcoverage.htm	
OOF- http://www.oecd.org/dac/stats/documentupload/DCDDAC(2016)3FINAL.pdf	
http://www.oecd.org/dac/stats/methodology.htm	
Remarks (Source of possible discrepancies with the global data)	
- GOP can only provide on ODA loans and grants received by the public sector	
NEDA comments:	
- retain the indicator because this is a global indicator	
- request PSRTI to identify possible supplemental indicator	