



REPUBLIC OF THE PHILIPPINES  
**PHILIPPINE STATISTICS AUTHORITY**  
SOLID RESPONSIVE WORLD-CLASS

# **PHILIPPINE TOURISM SATELLITE ACCOUNTS**

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# Outline of Presentation

I. Introduction

II. Data Sources

III. Latest PTSA Estimates

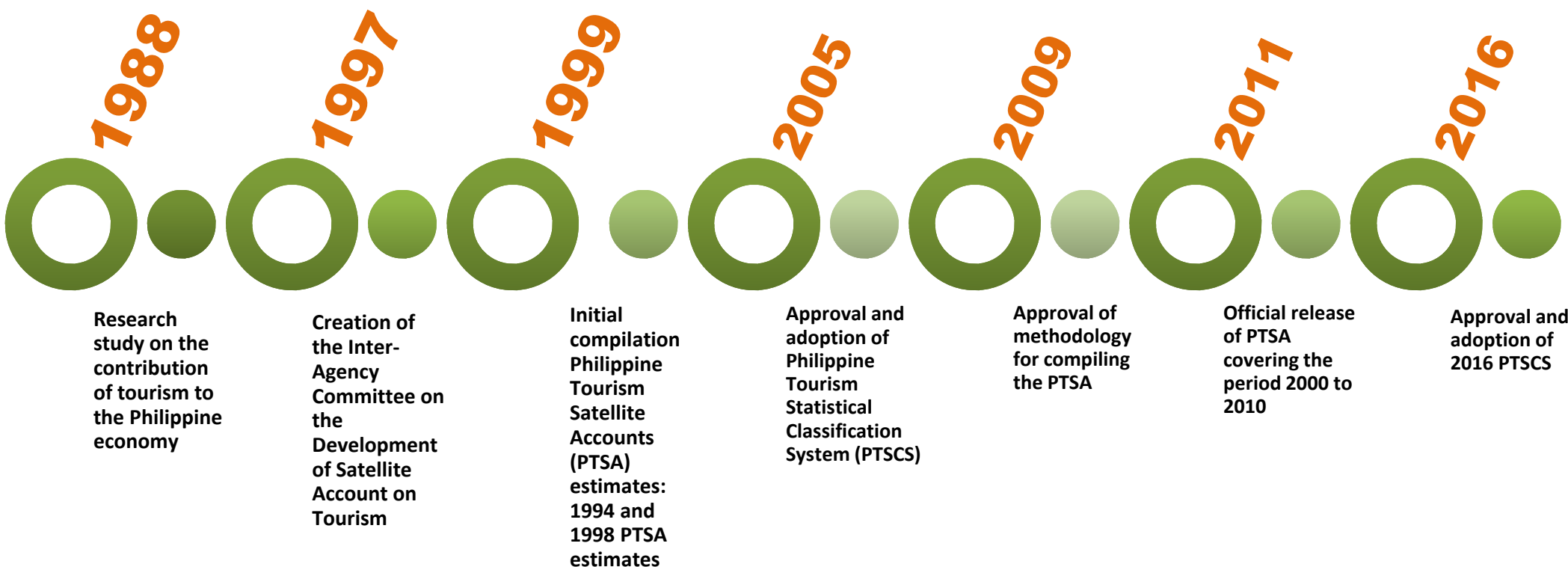
IV. Future Plans for PTSA

V. Updates on the 6<sup>th</sup> International Conference on  
Tourism Statistics in 2017



# I. Introduction

The Philippines has been one of the pioneers in developing the tourism satellite account (TSA)





# I. Introduction

## Tourism Sector

- Contributes significantly to the gross domestic product (GDP) and employment of the Philippines



# I. Introduction

## Philippine Tourism Satellite Accounts (PTSA)

- Provides a comprehensive set of information on tourism that facilitates its analysis in the context of macroeconomic accounts
- Patterned after the tourism satellite account (TSA) developed by UNWTO, UNSD, OECD and Eurostat, and approved by the UN Statistical Commission



# I. Introduction

## Latest international guidelines for TSA

- TSA: Recommended Methodological Framework 2008 developed by UNWTO, UNSD, OECD and Eurostat and approved by the UN Statistical Commission
- International Recommendations for Tourism Statistics (IRTS) 2008 issued by UNWTO



# I. Introduction

## Conceptual Framework of TSA

- Supply and use of tourism goods and services
- Shows the output of tourism industries vis-à-vis the consumption expenditures of tourists
- Physical/non-monetary indicators
- Explain the impact of tourism through indicators, such as tourist arrivals, length of stay, employment, types of accommodation and means of transport



# I. Introduction

Compiled by the Philippine Statistics Authority (PSA) annually in partnership with the Department of Tourism (DOT)

## PTSA Tables

- Table 1 - Inbound tourism expenditure
- Table 2 - Domestic tourism expenditure
- Table 3 - Outbound tourism expenditure
- Table 4 - Internal tourism expenditure
- Table 5 – Production accounts of tourism industries and other industries
- Table 6 – Total domestic supply and internal tourism consumption
- Table 7 – Employment of tourism industries
- Table 8 – Non-monetary indicators





# I. Introduction

## Expenditure Items/Products in the PTSA

- based on the TSA Framework and the Philippine Tourism Statistical Classification System
- Accommodation services for visitors
- Food and beverage serving services
- Transport services
- Travel agencies and other reservation services
- Entertainment and recreation
- Country-specific tourism characteristic goods (Shopping)
- Miscellaneous items



## II. Data Sources

### Surveys and Administrative Data from the Ministry of Tourism( demand side)

- Arrival cards of BI for volume of inbound visitors
- Visitor Sample Survey (VSS) of DOT for average expenditures and length of stay of inbound visitors
- Meetings, Incentives, Conventions and Exhibitions (MICE) Survey of DOT for average expenditures paid on behalf of inbound visitors
- Household Survey on Domestic Visitors (HSDV) of DOT and PSA for volume, average expenditures and length of stay of domestic visitors



## II. Data Sources

### Supply Side

- Input-Output Table
- Input Output Survey of Philippine Business and Industry (IOSPBI)\*
- Annual National Accounts

\*to provide basis to establish the benchmark production accounts for tourism and as primary data source in computing tourism ratios used to estimate tourism value added



## II. Data Sources

### Employment

- Labor Force Survey (LFS)\*
- Census of Philippine Business and Industry (CPBI) and Annual Survey of Philippine Business and Industry (ASPBI)\*\*

\*for the employment generated by tourism industries

\*\*to disaggregate employment into specific tourism characteristic industries



## II. Data Sources

### Tourism Ratios

- Derived from the detailed Input-Output (IO) Table 2006 and Tourism Internal Consumption
- Accommodation Services for visitors - **100%**
- Food and Beverage serving services - **32.3%**
- Transport services - **28.1%**
- Travel agencies and other reservation services - **100%**
- Entertainment and Recreation - **55%**
- Country-specific tourism characteristic goods - **60.1%**
- Miscellaneous - **47.5%**



# III. Latest PTSA Estimates

## Share of Tourism to the Philippine economy

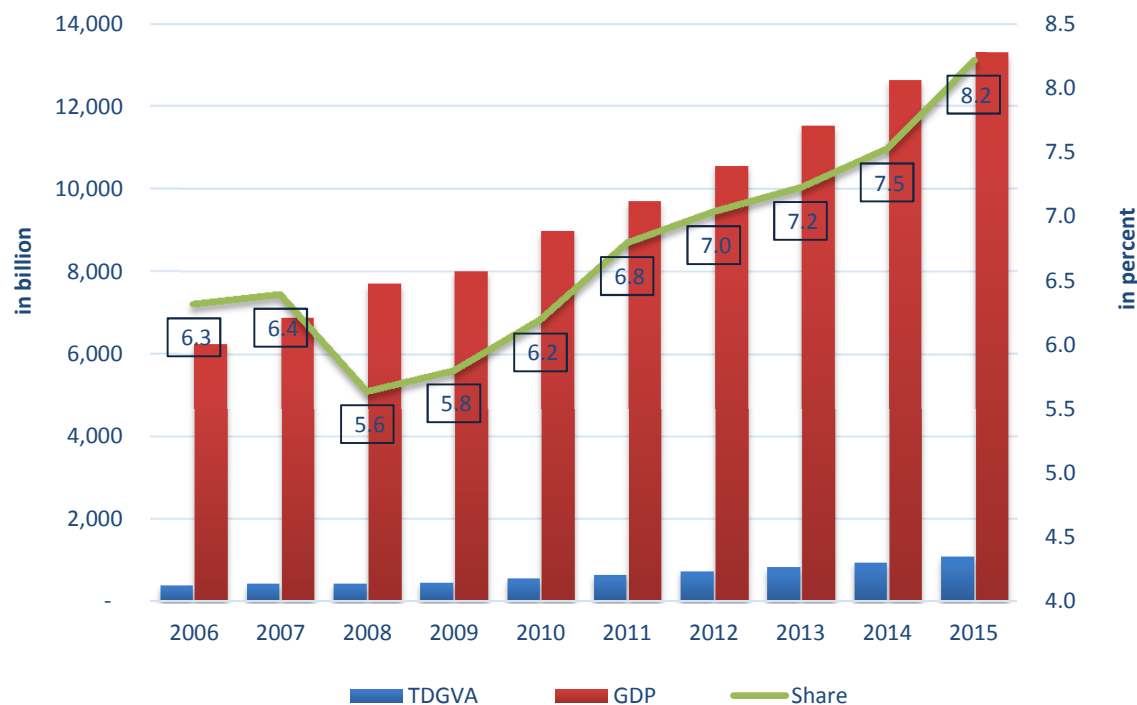
### in 2015 is 8.2%

Tourism Direct Gross Value Added (TDGVA) and total GDP  
 (at current prices) in million pesos

	TDGVA	% growth	Total GDP	% growth	Share of TDGVA to GDP in %
2006	396,449		6,271,157		6.3
2007	440,952	11.2	6,892,721	9.9	6.4
2008	435,861	(1.2)	7,720,903	12.0	5.6
2009	466,109	6.9	8,026,143	4.0	5.8
2010	558,578	19.8	9,003,480	12.2	6.2
2011	660,096	18.2	9,708,332	7.8	6.8
2012	744,056	12.7	10,567,336	8.8	7.0
2013	834,151	12.1	11,538,410	9.2	7.2
2014	952,201	14.2	12,645,271	9.6	7.5
2015	1,093,095	14.8	13,307,265	5.2	8.2

Size of tourism in the Philippines was valued at **PhP 1.093** trillion in 2015, up by **14.8%** from 2014.

Share of Tourism to GDP

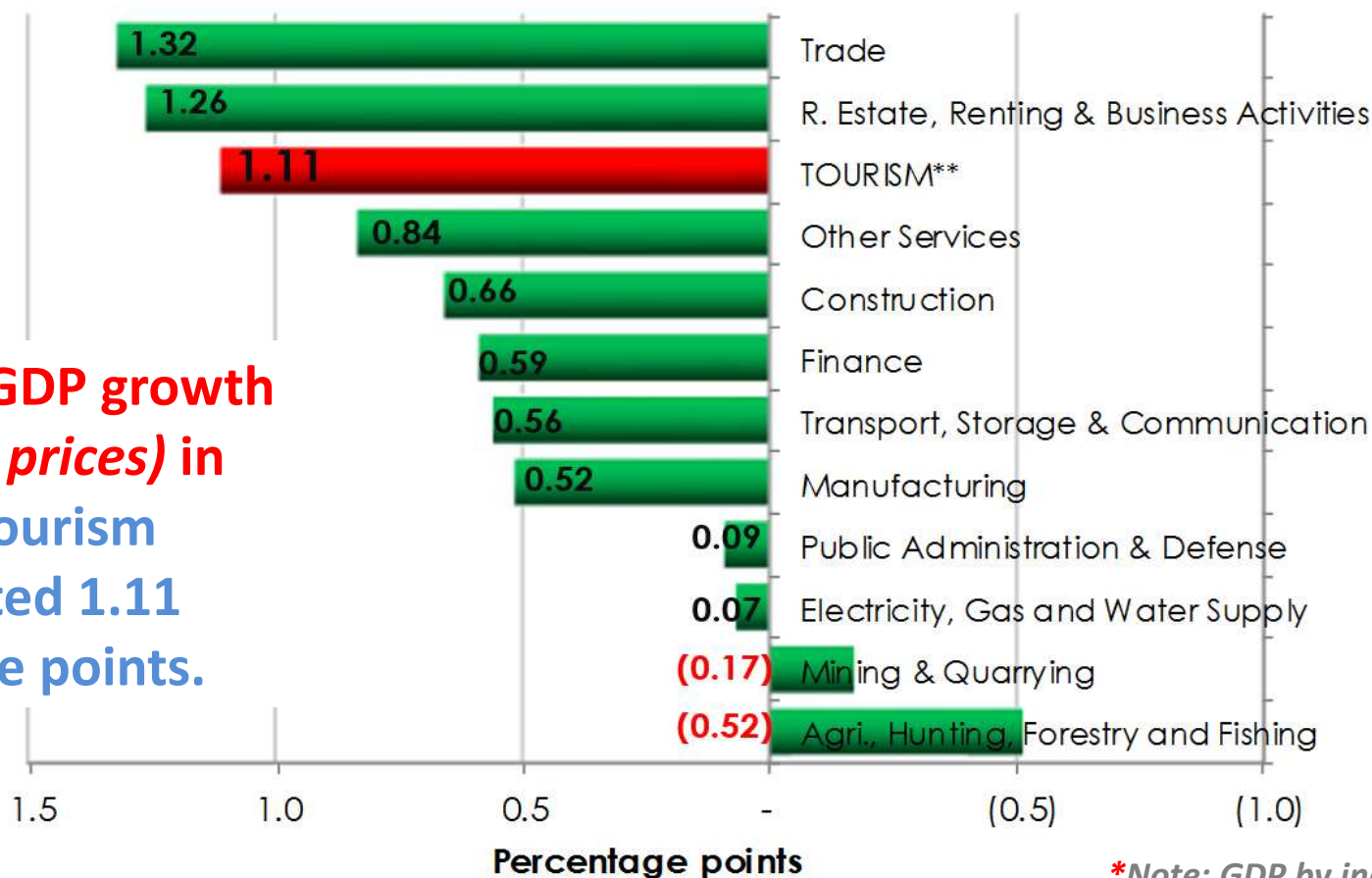




## III. Latest PTSA Estimates

### Contribution to GDP\* growth (at current prices)

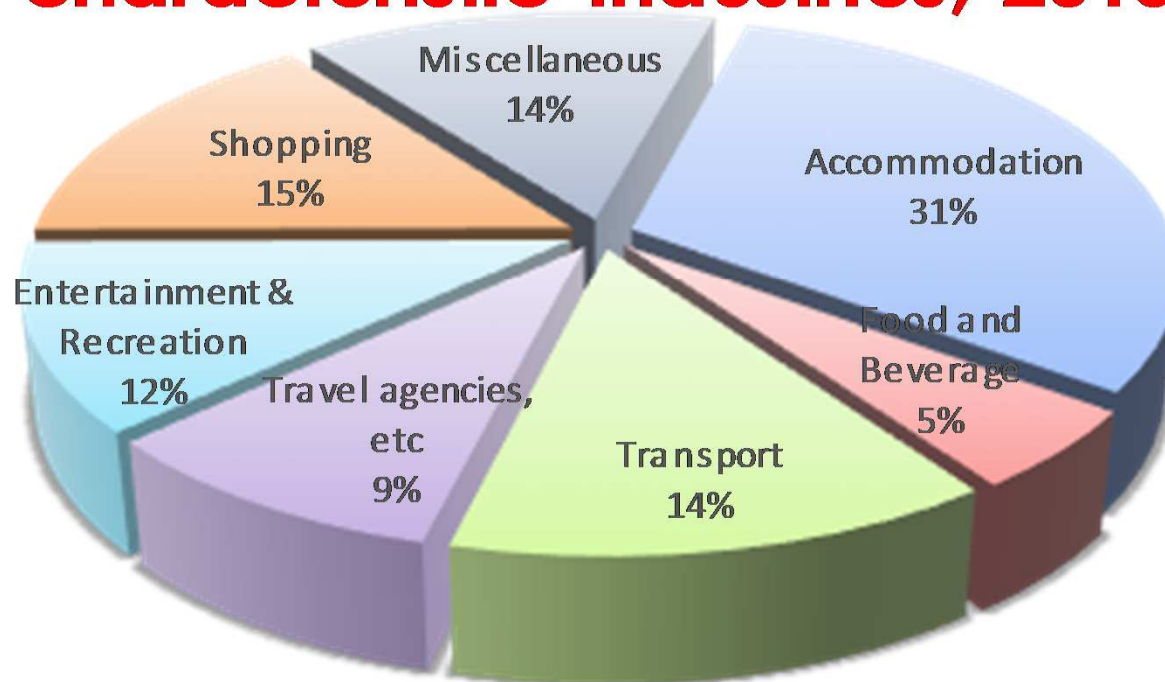
**Of the 5.2% GDP growth  
(at current prices) in  
2015), tourism  
contributed 1.11  
percentage points.**



*\*Note: GDP by industrial sector was estimated from Quarterly National Accounts while Tourism was derived from PTSA.*

## III. Latest PTSA Estimates

### Distribution of tourism characteristic industries, 2015



Accommodation services, Shopping, Miscellaneous and Transport had the highest shares among tourism characteristic industries in 2015





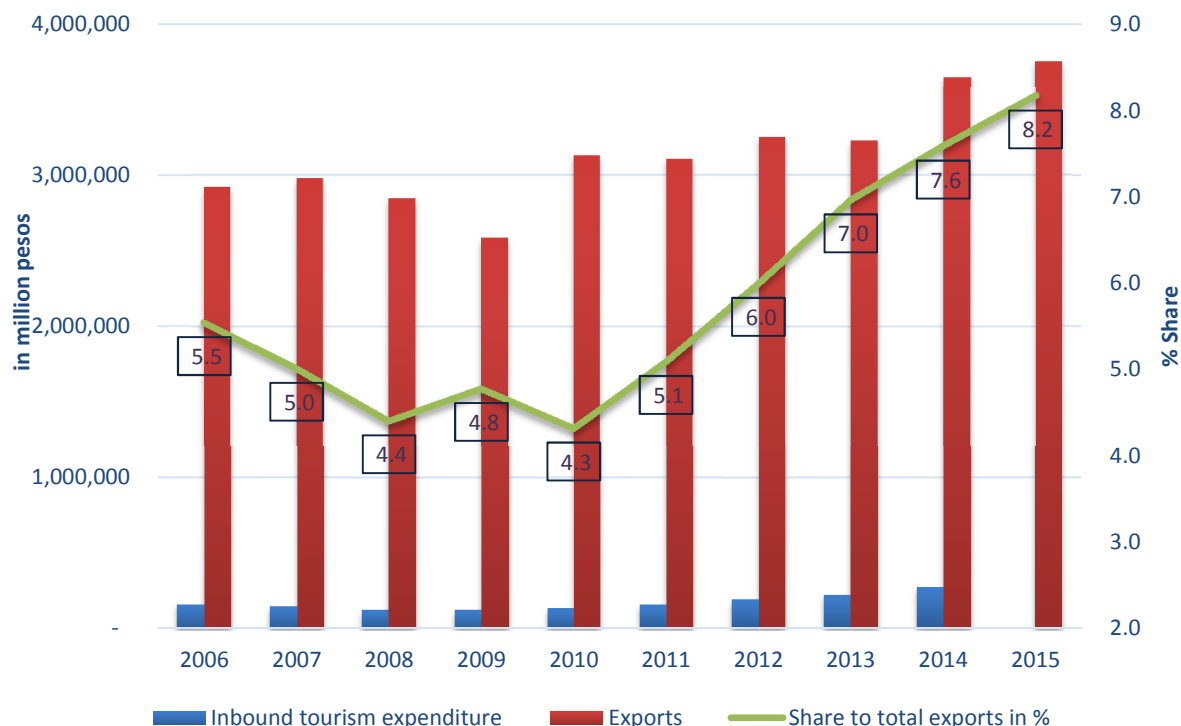
# III. Latest PTSA Estimates

## Inbound Tourism Expenditure

**Inbound Tourism Expenditure and Total Exports (current prices)  
 in million pesos**

	Inbound tourism expenditure	% growth	Exports	% growth	Share to total exports in %
2006	161,979		2,920,983		5.5
2007	149,595	(7.6)	2,981,846	2.1	5.0
2008	125,627	(16.0)	2,849,943	(4.4)	4.4
2009	123,730	(1.5)	2,587,015	(9.2)	4.8
2010	135,508	9.5	3,133,507	21.1	4.3
2011	158,460	16.9	3,109,661	(0.8)	5.1
2012	195,186	23.2	3,252,688	4.6	6.0
2013	225,300	15.4	3,232,795	(0.6)	7.0
2014	276,894	22.9	3,647,473	12.8	7.6
2015	306,576	10.7	3,751,258	2.8	8.2

**Share of Inbound Tourism to Total Exports**

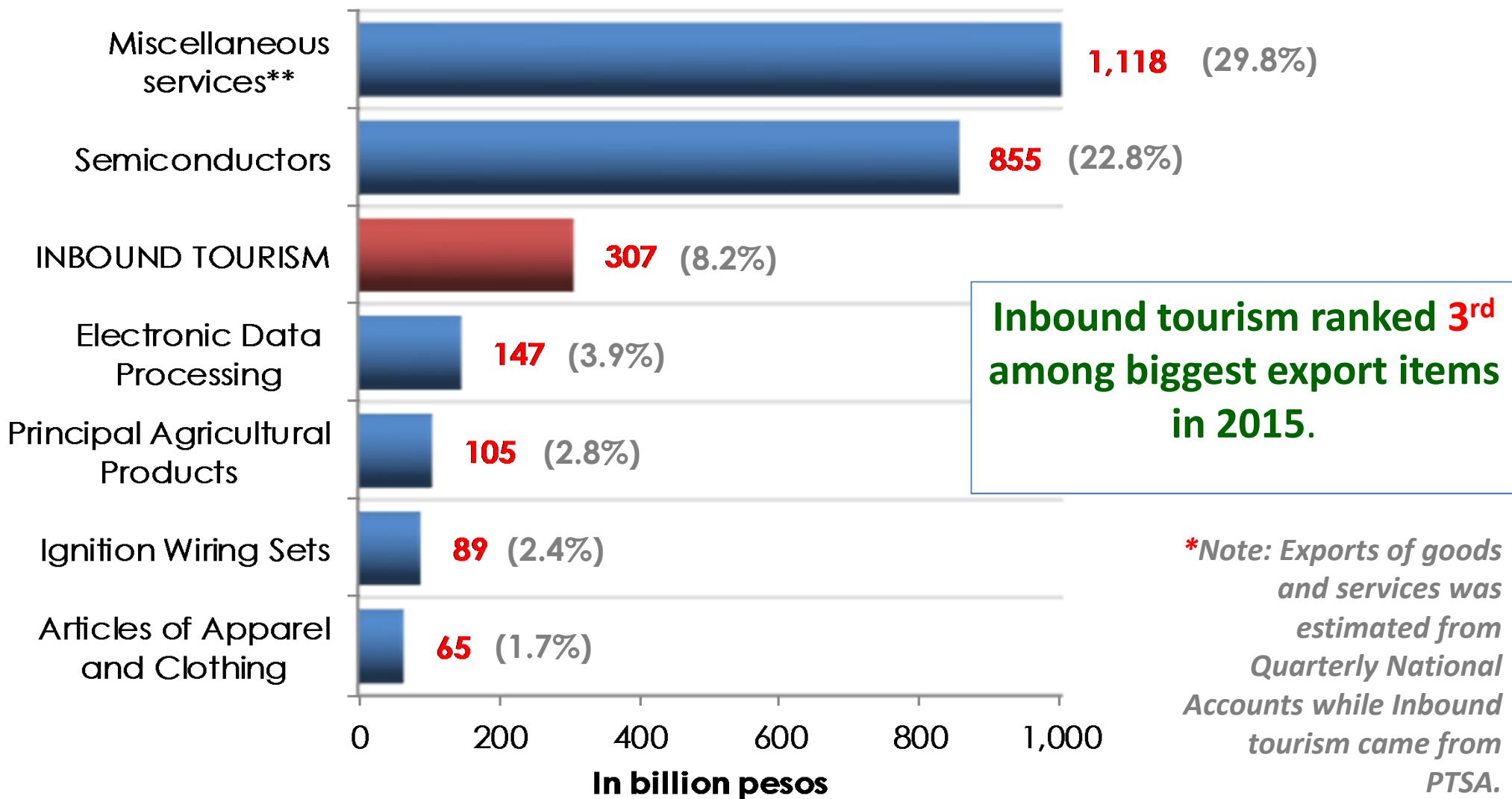


- Expenditures of inbound visitors to the Philippines reached **PhP 306.6 billion** in 2015, up by **10.7%** from 2014.
- This represents **8.2 %** to total exports\* of goods and services in the country.

*\*Note: Total exports was estimated from Quarterly National Accounts.*



## III. Latest PTSA Estimates





# III. Latest PTSA Estimates

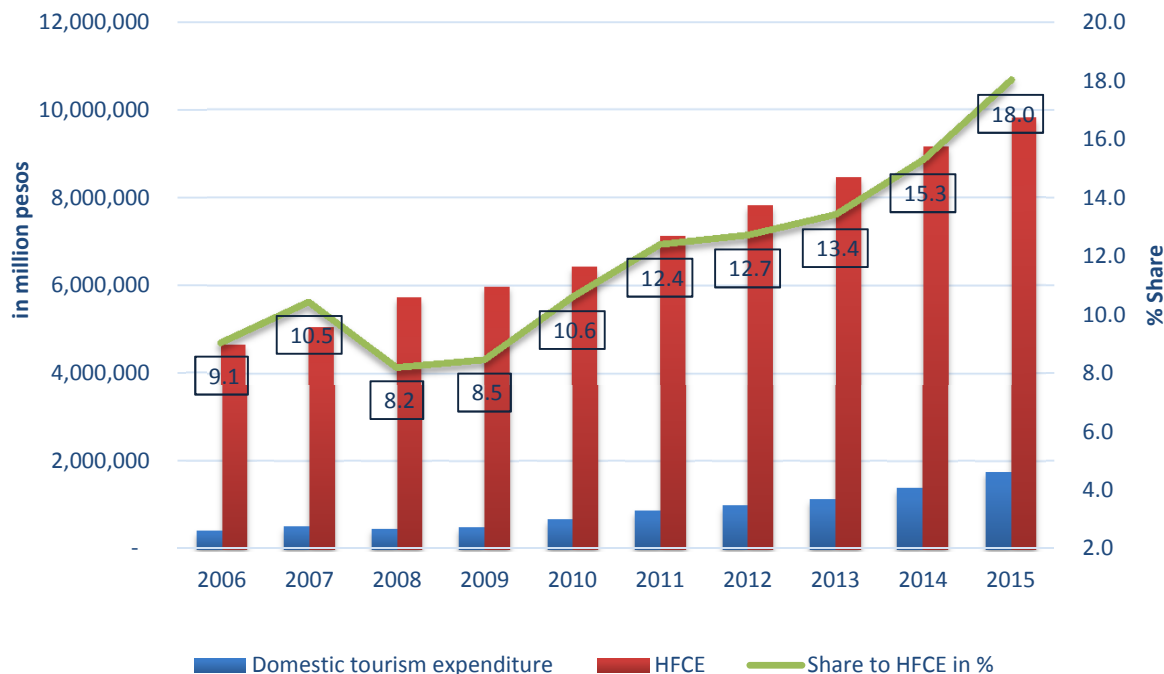
## Domestic Tourism Expenditure

Domestic Tourism Expenditure and HFCE (current prices)  
 in million pesos

	tourism expenditure	% growth	HFCE	% growth	Share to HFCE in %
2006	424,277		4,677,986		9.1
2007	529,969	24.9	5,064,463	8.3	10.5
2008	472,332	(10.9)	5,739,592	13.3	8.2
2009	508,813	7.7	5,993,427	4.4	8.5
2010	684,618	34.6	6,442,033	7.5	10.6
2011	885,903	29.4	7,132,581	10.7	12.4
2012	998,433	12.7	7,837,881	9.9	12.7
2013	1,136,995	13.9	8,463,826	8.0	13.4
2014	1,403,813	23.5	9,167,580	8.3	15.3
2015	1,770,749	26.1	9,822,457	7.1	18.0

- Expenditures of domestic visitors reached **PhP 1.771 trillion** in 2015, up by **26.1%** from 2014.
- This represents **18.0 %** to total household final consumption expenditure (HFCE)\* in the country.

Share of Domestic Tourism to HFCE



*\*Note: HFCE was estimated from Quarterly National Accounts.*



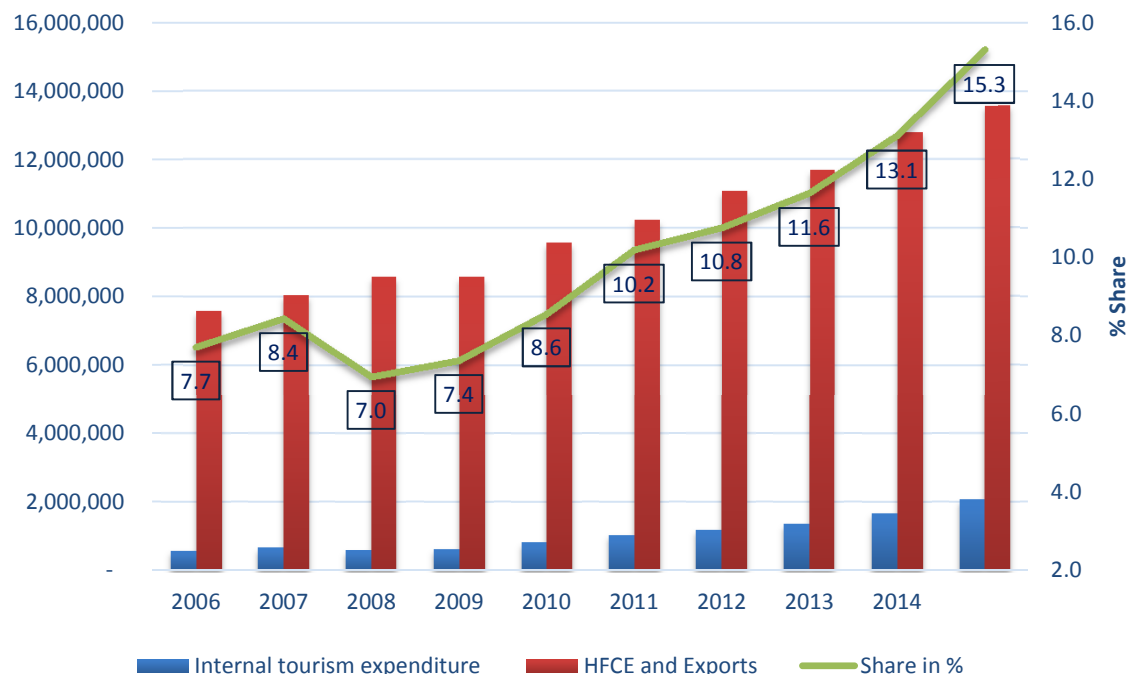
# III. Latest PTSA Estimates

## Internal Tourism Expenditure

Internal tourism expenditure versus HFCE and Exports (current prices) in million pesos

	Internal tourism expenditure	% growth	HFCE and Exports	% growth	Share in %
<b>2006</b>	586,256		7,598,969		7.7
<b>2007</b>	679,564	15.9	8,046,309	5.9	8.4
<b>2008</b>	597,959	(12.0)	8,589,535	6.8	7.0
<b>2009</b>	632,543	5.8	8,580,442	(0.1)	7.4
<b>2010</b>	820,126	29.7	9,575,541	11.6	8.6
<b>2011</b>	1,044,364	27.3	10,242,242	7.0	10.2
<b>2012</b>	1,193,619	14.3	11,090,568	8.3	10.8
<b>2013</b>	1,362,295	14.1	11,696,621	5.5	11.6
<b>2014</b>	1,680,706	23.4	12,815,053	9.6	13.1
<b>2015</b>	2,077,325	23.6	13,573,714	5.9	15.3

Share of Internal Tourism to HFCE & Exports



- Expenditures of all visitors (inbound and domestic) within the Philippines amounted to **PhP 2.077 trillion** in 2015, up by **23.6%** from 2014.



# III. Latest PTSA Estimates

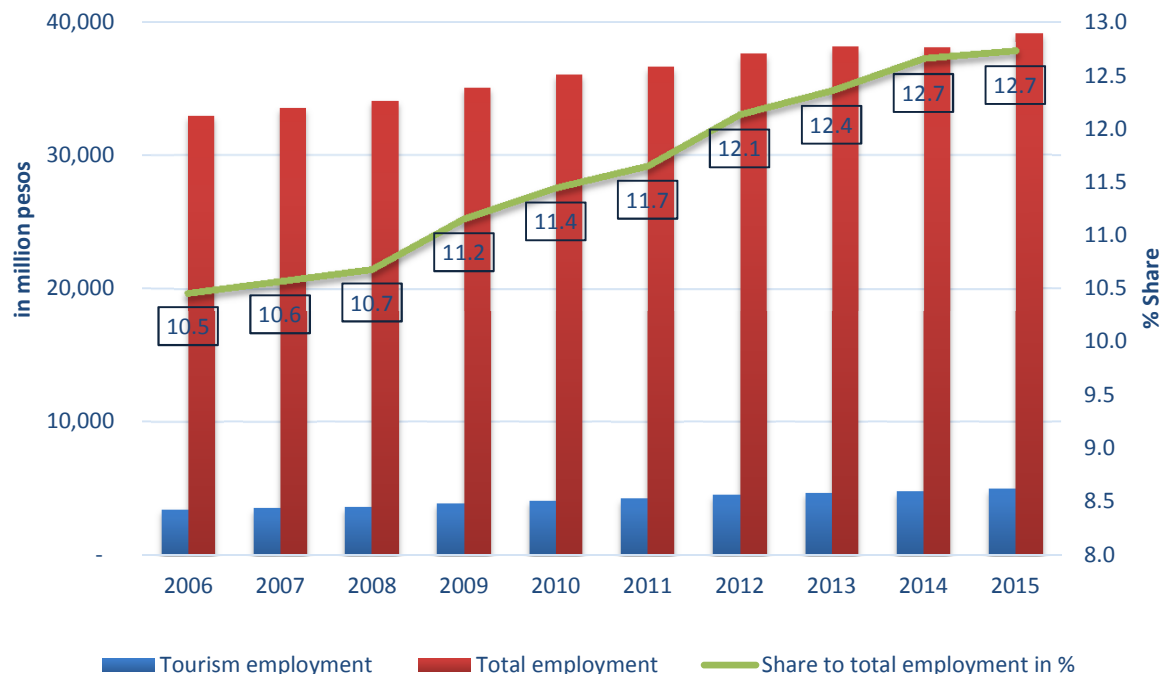
## Employment of Tourism Industries

Employment of tourism industries VS Total Employment  
 in thousand persons

	Tourism employment	% growth	Total employment	% growth	Share to total employment in %
2006	3,449		32,962	2.0	10.5
2007	3,549	2.9	33,564	1.8	10.6
2008	3,642	2.6	34,089	1.6	10.7
2009	3,912	7.4	35,060	2.8	11.2
2010	4,126	5.5	36,047	2.8	11.4
2011	4,266	3.4	36,614	1.6	11.7
2012	4,561	6.9	37,600	2.7	12.1
2013	4,709	3.2	38,118	1.4	12.4
2014	4,820	2.3	38,092	-0.1	12.7
2015	4,982	3.4	39,143	2.8	12.7

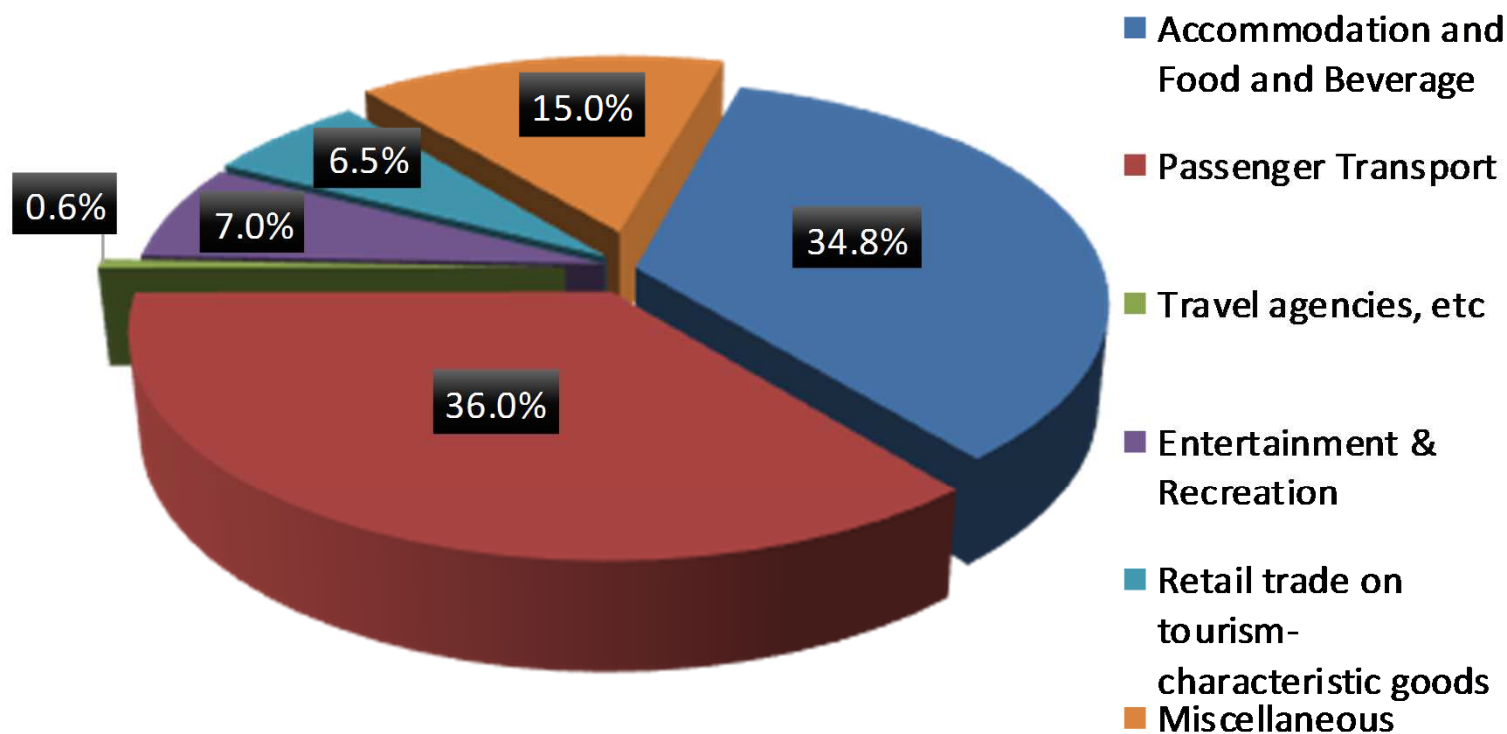
- About **4.982 million** people are employed in tourism industries.
- About **127 for every 1000** employment are in tourism industries.

Share of Employment in tourism industries to Total Employment



### III. Latest PTSA Estimates

## Distribution of Employment by tourism industries, 2015



Passenger transport (36.0%) and Accommodation and food and beverage serving services (34.8%) had the biggest share in employment among tourism industries.



## IV. Future Plans for PTSA

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1

1.Updating of table on  
outbound tourism  
expenditure

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2

1.Compilation of  
remaining TSA tables

○Tourism gross fixed capital formation of  
tourism industries and other industries

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Tourism collective consumption by  
products and levels of government

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3

3.Study on the possible  
compilation of Input-  
Output Table for tourism  
sector

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# **Update on the 6<sup>th</sup> International Conference on Tourism Statistics**

- Theme: Measuring Sustainable Tourism
- 21-24 June 2017
- Manila, Philippines
- Objective is to develop a framework for measuring tourism-related SDGs ( Goals 8,9,12)





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Thank you very much!