

EUROPEAN CHAMBER OF COMMERCE AND INDUSTRY OF LAO PDR

Contents

Lao PDR Charts and Figures

July 2019

Ramon Bruesseler

European Chamber of Commerce and Industry in Lao PDR

Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR

Phone: (+856-20) 56858441

E-mail: contact@eccil.org www.eccil.org



EUROPEAN CHAMBER OF COMMERCE AND INDUSTRY OF LAO PDR

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European Chamber of Commerce and Industry in Lao PDR

Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR

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E-mail: contact@eccil.org www.eccil.org



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European Chamber of Commerce and Industry in Lao PDR

Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR

Phone: (+856-20) 56858441

E-mail: contact@eccil.org www.eccil.org



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Phone: (+856-20) 56858441

E-mail: contact@eccil.org www.eccil.org



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Laos The Background



Lao PDR in the regional setting

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ECCIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR Phone: (+856-20) 56858441 E-mail: contact@eccil.org www.eccil.org



Lao PDR: Country Profile

Contents

- Land Area:
- Population :
- Population Density:
- Population Growth:
- GDP: (2017,
- GDP growth:
- GDP p.c.:
- GNI p.c.:
- Labor Force :
- Religion:

236,800 sq. km

6.858 m (2017)

28 people/sq km

1.5 % (2017)

17.15m current USD estimate)

6.5% (2018, estimate)

2599 USD (2018)

2209 USD (2018)

2.9 Millions

Buddhism

Updated March 22, 2017



Contents

SWOT Analysis of the Lao Economy



SWOT analysis of Lao PDR as a place to do business: 1: Strengths

- Political stability
- High economic growth rates
- Business friendly laws and continuation of economic reforms
- Good business climate and business confidence
- Reliable energy supply and further potential for hydropower development
- Rich in mineral resources
- Low wages
- Decent living conditions for foreign experts and managers (exception: health care)



SWOT analysis of Lao PDR as a place to do business: 2: Weaknesses

- Small domestic market with limited mass purchasing power
- Moderate level of vocational skills
- Shortage of (educated workforce)
- Mediocre productivity
- Land locked (land linked?) country with sometimes poor infrastructure beyond the main roads resulting in high transportation cost
- Topography detrimental to traffic and low population density
- Banking system and financial system are still developing
- No easy place to do business



SWOT analysis of Lao PDR as a place to do business: 3: Opportunities

- Rich in natural resources
- Rich in hydropower potential
- Privileged access to the EU market
- Infrastructure projects
- Growing tourism
- Little competition in many industries
- Good opportunities for machine building and civil engineering companies (among other equipment for hydro power plants, textile industry etc.)



Lao PDR: Mineral Resources

Contents

Copper

Gold

Coal

Lignite

Bauxite

Gypsum

Iron Ore

Silver

Limestone

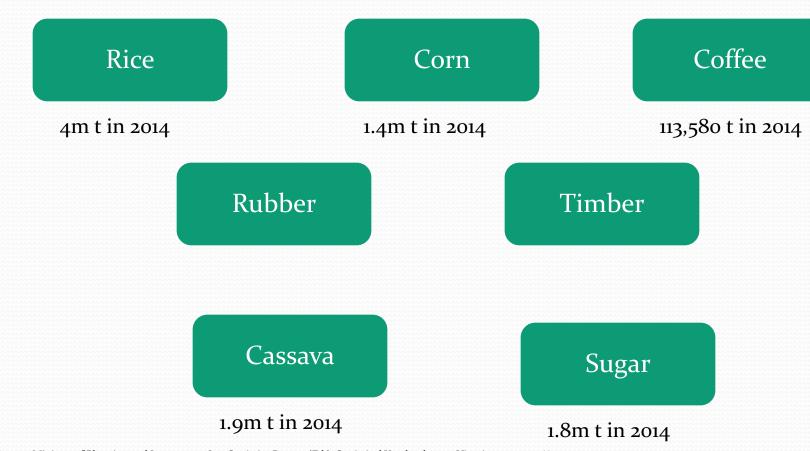
Gemstones

Gas



Lao PDR: Agricultural and Forest Products

Contents



Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 68 pp



Lao PDR: Industry and Energy

Contents

Textiles

Construction

Mining

Tourism

Hydropower: 5950 m Kwh of electricity produced; Potential: 18 GW

Food

Wood products



Lao PDR: A selection of business opportunities

- Tourism
- Construction and civil engineering incl. infrastructure
- Power generation and sales of equipment
- Mining, sales of mining equipment
- Environmental Technologies
- Communication sector
- Textile industry (special textiles)
- Agro processing
- Logistics



SWOT analysis of Lao PDR as a place to do business: 4: Threats

- Sometimes weak and inconsistent implementation and application of laws and regulations
- Jurisdiction is not always independent or neutral
- High level of bureaucracy and not always transparent administrative decision making
- Corruption

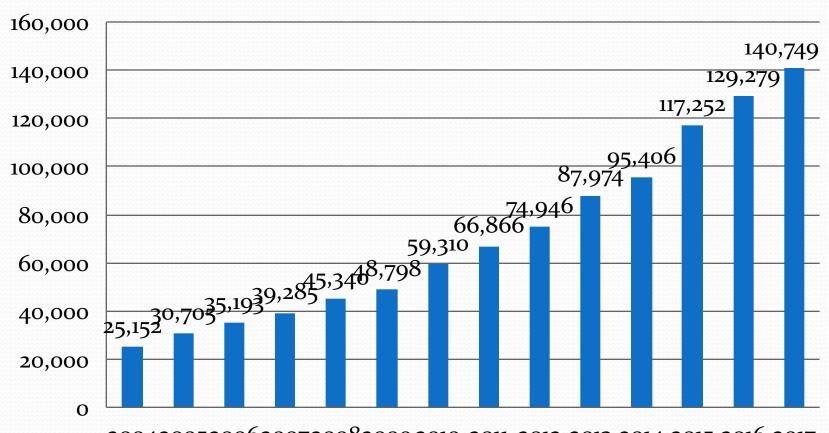






Lao GDP at Market Prices in bln. LAK

Contents



2004200520062007200820092010 2011 2012 2013 2014 2015 2016 2017

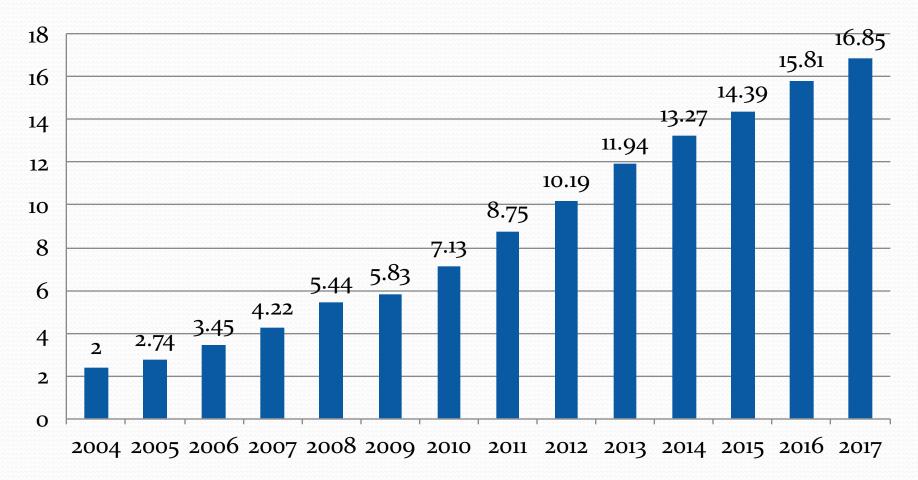
Updated 14/01/2019

Source: The Economist Intelligence Unit (Ed.): Country Report Laos. London, Sept. 2010, p.6.; The Economist Intelligence Unit (Ed.): Country Report Laos. London, Sept. 2010, p.6. The Economist Intelligence Unit (Ed.): Country Report Laos. London, 27.10.2012, p.6. Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.50. World Bank: https://databank.worldbank.org/data/source/world-development-indicators# as of January 14th 2019



Lao GDP in (current) billion USD

Contents



 $Source: The World: \underline{https://databank.worldbank.org/data/source/world-development-indicators \# \ as \ of \ January \ 14^{th} \ 2019 \ Annuary \ 2019 \ Annuary \ 2019 \ Annuary \ 2019 \ Annuary \ 2019 \ Annuar$

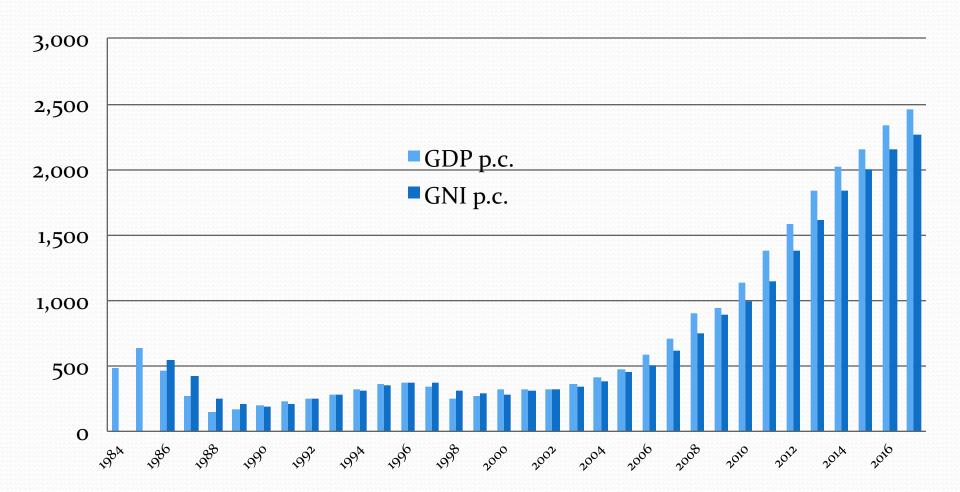
Updated January 14th 2019





Lao GDP p.c. and GNI p.c. (Atlas method) at current US \$

Contents



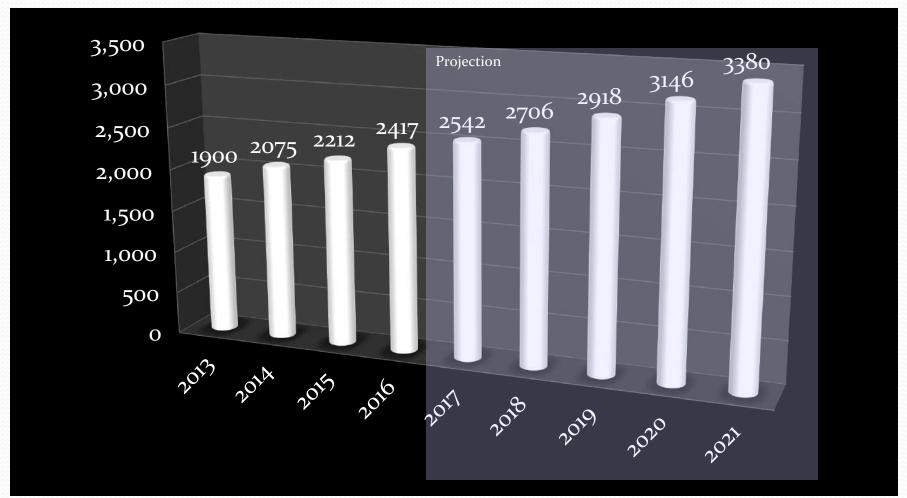
Updated January 14th 2019

Source: The World: https://databank.worldbank.org/data/source/world-development-indicators# as of January 14th 2019



Lao GDP p.c. in US \$

Contents



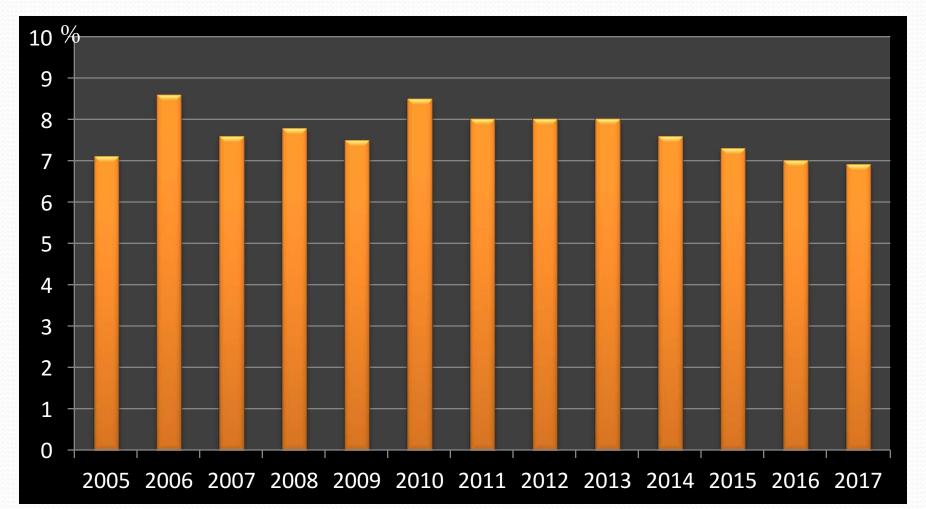
Updated on June 14th 2018

Source: International Monetary Fund (Ed.): Lao People's Democratic Republic. IMF Country Report No. 18/84. Washington March 2018, p. 32



Real GDP Growth in Lao PDR

Contents



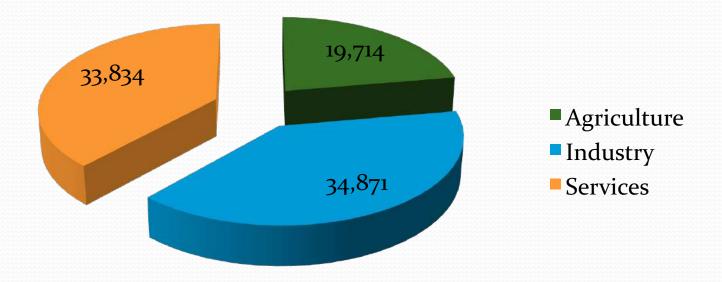
Updated January 14th 2019

Source: The World: https://databank.worldbank.org/data/source/world-development-indicators# as of January 14th 2019



GDP by Activity at Constant Prices 2012 in Bln. LAK

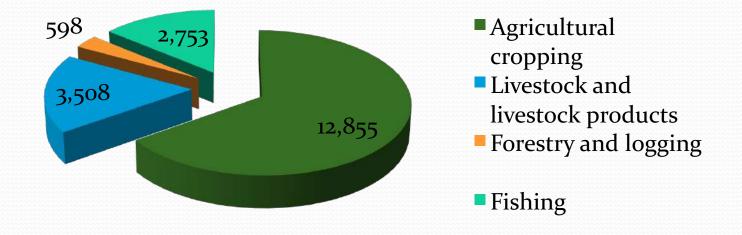
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Updated 23/03/2017



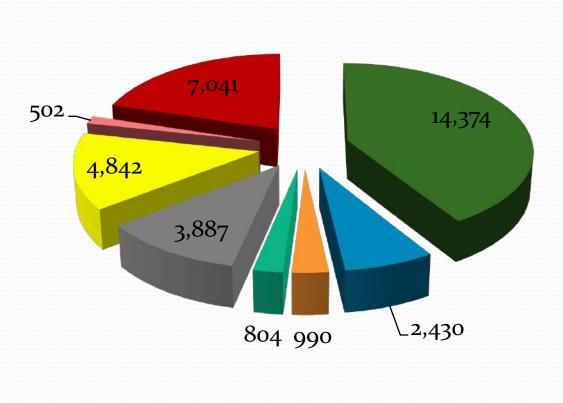
GDP in Agriculture by Sub-activities at Constant Prices 2012 in Bln. LAkontents



Updated 23/03/2017



GDP in Industry by Sub-activities at Constant Prices 2012 in Bln. LAK Contents



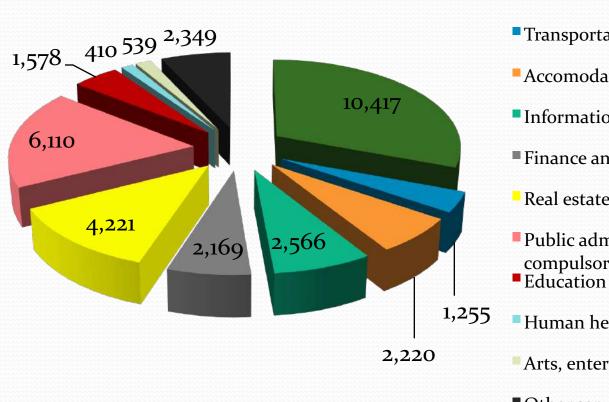
- Mining and quarrying
- Manufacture of food products
- Manufacture of beverages and tobacco
- Manufacture of textiles, clothing, footwear, and leather goods
- Other manufacturing
- Electricity
- Water supply, sewerage, waste management
- Construction

Updated 23/03/2017

Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.51.



GDP in Services by Sub-activities at Constant Prices 2012 in Bln. LAK Contents



- Wholesale & retail, repair of vehicles
- Transportation and storage
- Accomodation and food services
- Information and communication
- Finance and insurance
- Real estate activities
- Public administration, defence, compulsory social security
- Human health and social work
- Arts, entertainment, recreation
- Other services

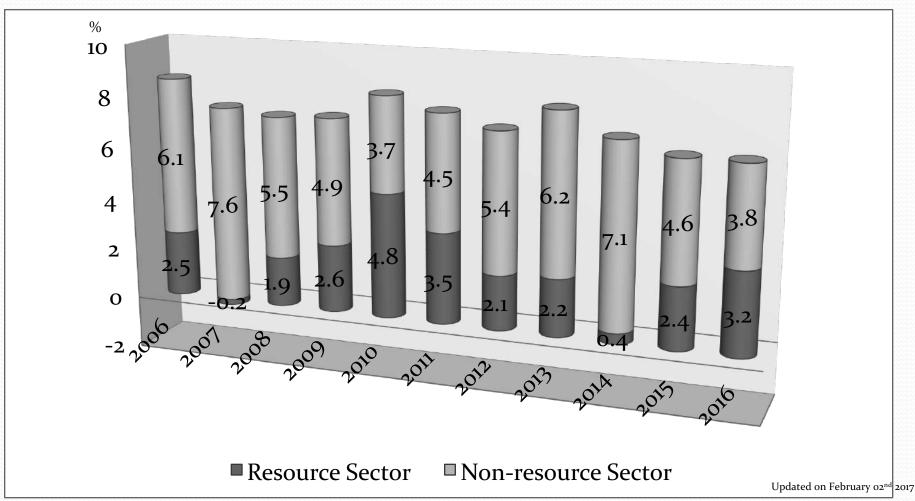
Updated 23/03/2017

Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.51, 52.



Real GDP Growth in Lao PDR, Contribution of Resource Sectors

Contents

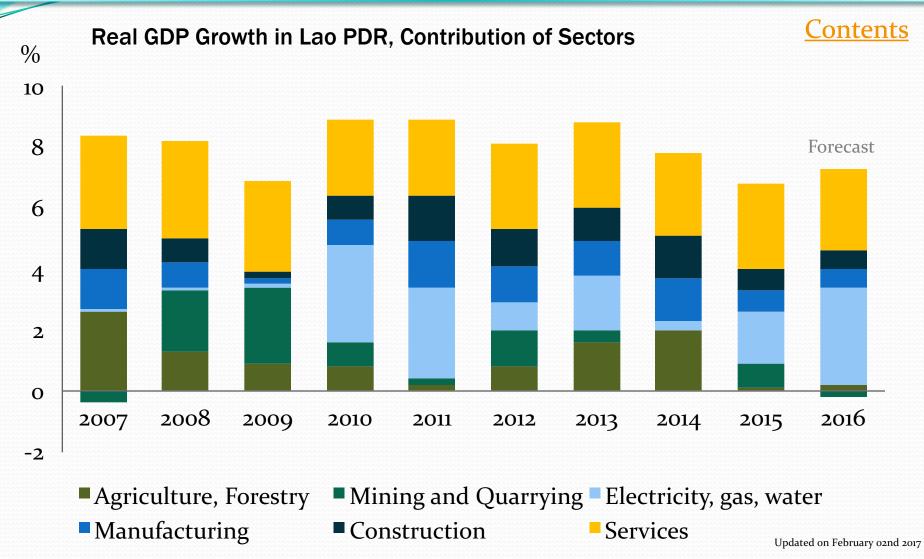


Source: The World Bank (Ed.): Managing Macroeconomic Balances to Sustain High Economic Growth. Lao PDR Economic Monitor, September Update, Issue 16, Vientiane, Sept. 2010, p.2.,; The World Bank (Ed.):Robust Growth Amidst Inflationary Concerns. Lao PDR Economic Monitor, May 2010 Update, Vientiane, May 2011, p. 6, ., World Bank (Ed.): Lao PDR Economic Monitor, May 2016 update. Vientiane 2012, p. 5. World Bank (Ed.): Lao PDR Economic Monitor, My 2016 update. Vientiane 2016, p. 11

ECCIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR

Phone: (+856-20) 56858441 E-mail: contact@eccil.org www.eccil.org



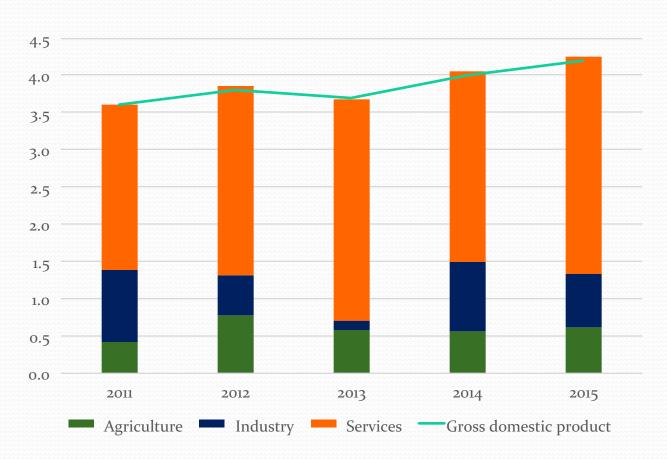


Source: The World Bank (Ed.): Managing Macroeconomic Balances to Sustain High Economic Growth. Lao PDR Economic Monitor, September Update, Issue 16, Vientiane, Sept. 2010, p.2. World Bank (Ed.): Lao PDR Economic Monitor, May 2012 update. Vientiane 2012, p. 5. World Bank (Ed.): Lao PDR Economic Monitor, May 2016 update. Vientiane 2016, p.



Supply side contribution to growth in percentage

Contents

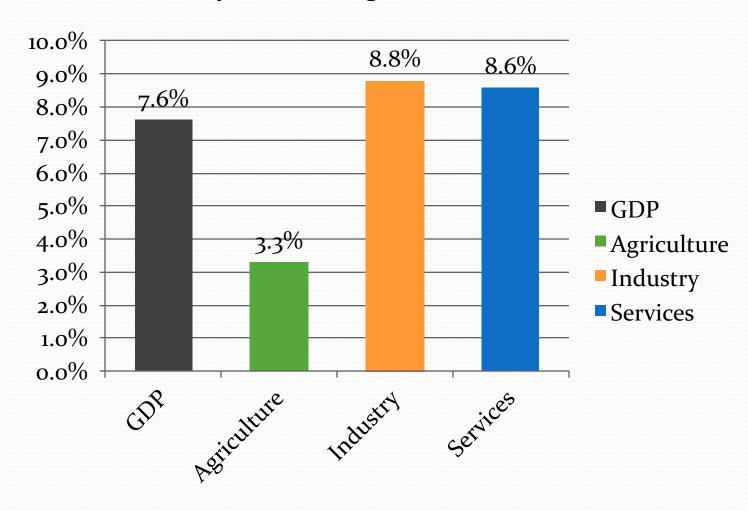


Source: Asian Development outlook 2016 Asia's potential growth. https://www.adb.org/sites/default/files/publication/182221/ado2016.pdf Updated in October 2016



GDP Growth by Industrial Origin at Constant Prices 2012 in %

Contents

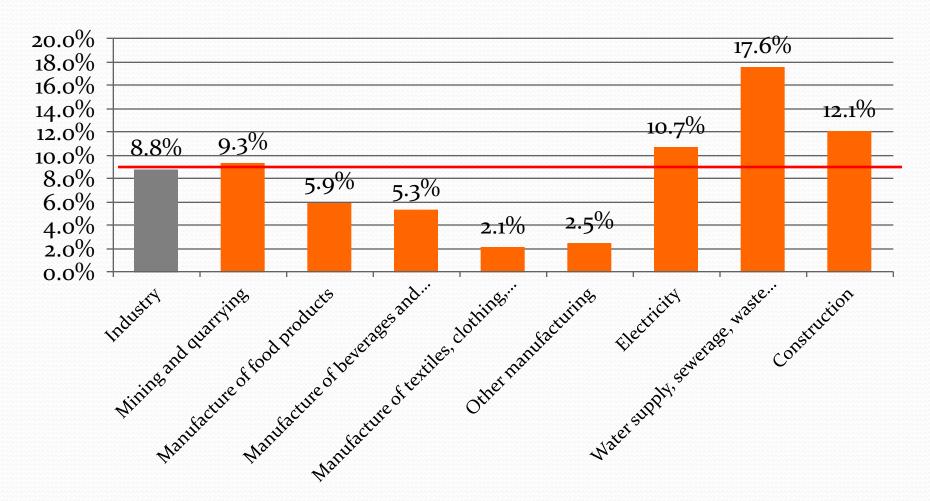


Updated 23/03/2017

Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.53, 54.



GDP Growth in Industry by Sub-activities at Constant Prices 2012 in % Contents



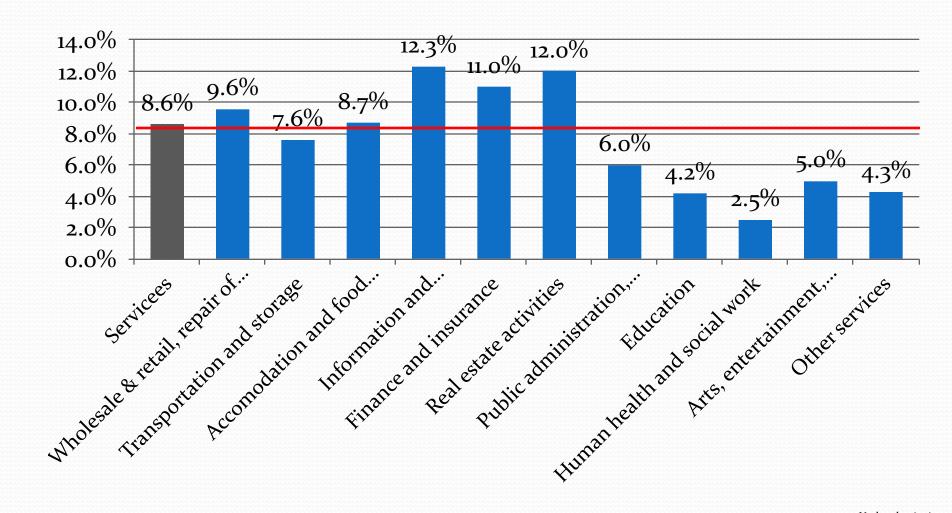
Updated 23/03/2017

Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.53.



GDP in Services by Sub-activities at Constant Prices 2012 in %

Contents



Updated 23/03/2017

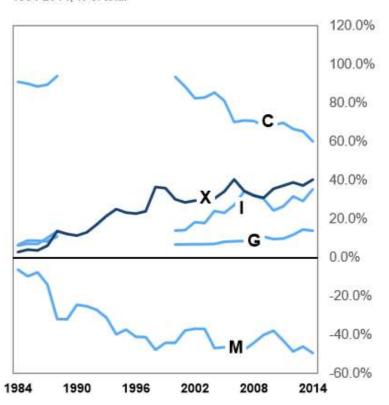
Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.53, 54.



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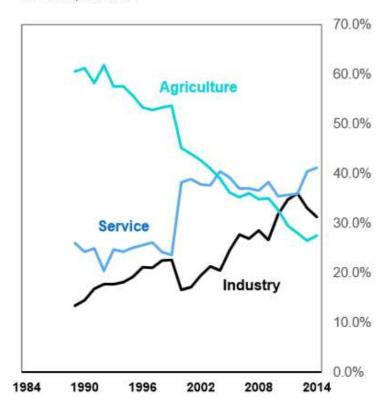
GDP COMPOSITION - EXPENDITURE*

1984-2014, % of total



GDP COMPOSITION - PRODUCTION

1984-2014, % of total

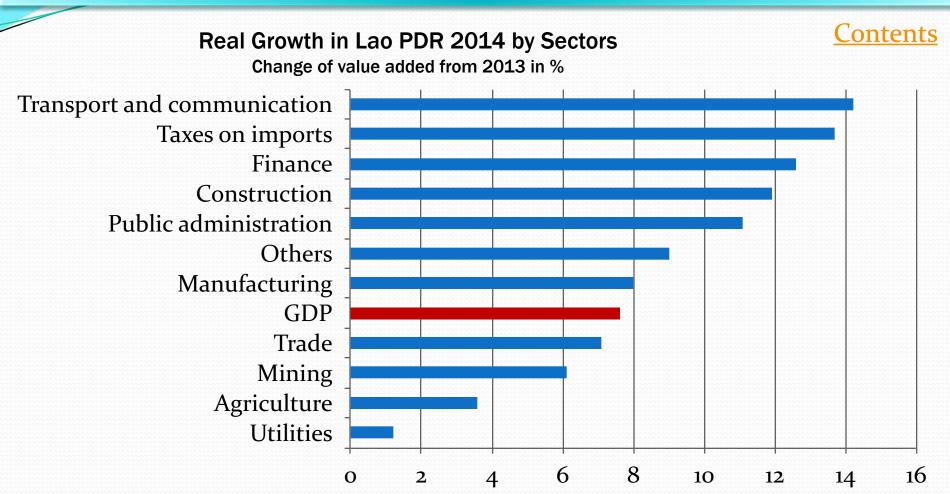


GDP = C + I + X + G - M

Note: (*) C = Private Consumption, I = Investment including: I (capital) = Capital formation and I (inventory) = change in inventory G = Public consumption, X = Export of goods and services, M = Import of goods and services

Source: chartingeconomy.com Updated in October 2016





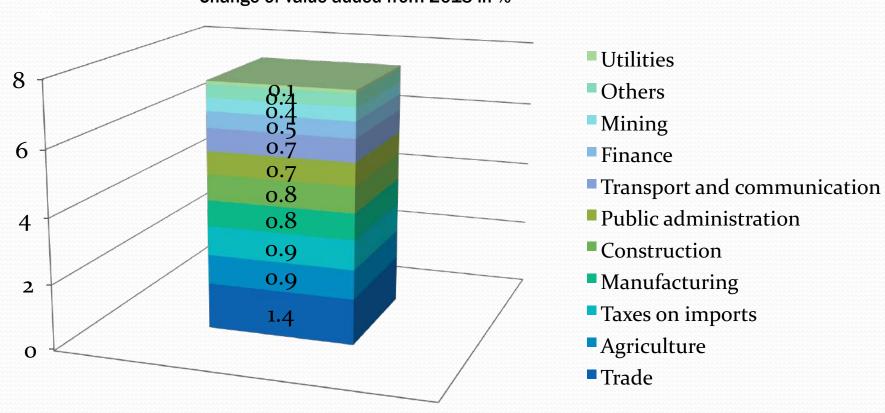
Updated on March 23, 2016

Source: Charting Economy (Ed.): Charting Laos 1H2016. No indication of location, 2015, p. 29



Real Growth in Lao PDR 2014 by Sectors Change of value added from 2013 in %

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Updated on March 23, 2016

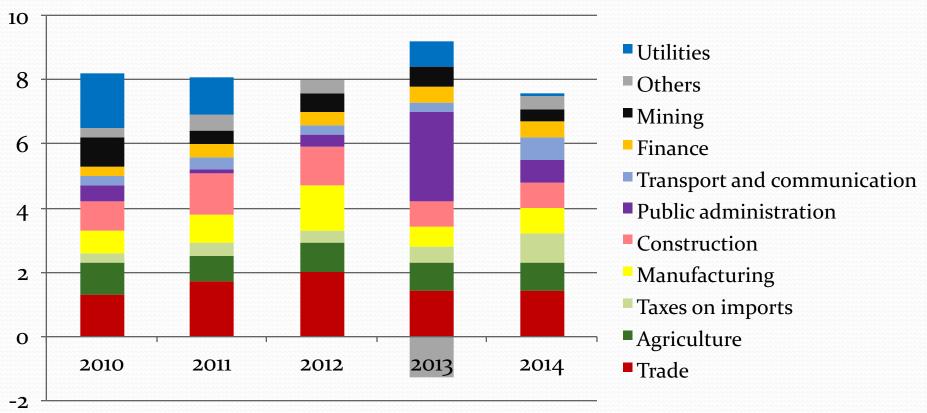
Source: Charting Economy (Ed.): Charting Laos 1H2016. No indication of location, 2015, p. 29



Real Growth in Lao PDR 2010 - 2014 by Sectors

Contents

Change of value added from the year before in %



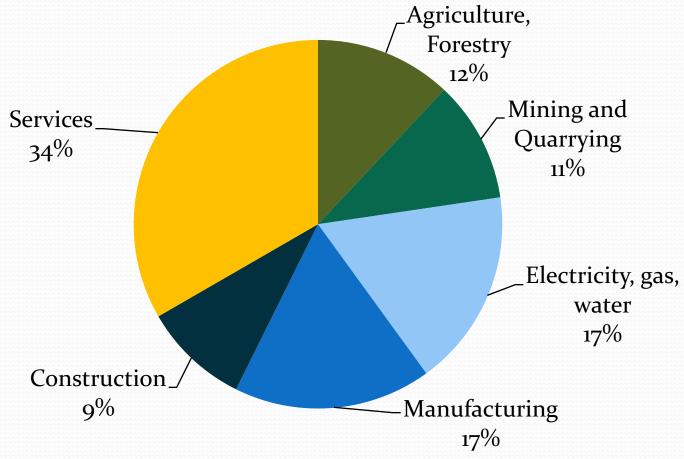
Updated on March 23, 2016

Source: Charting Economy (Ed.): Charting Laos 1H2016. No indication of location, 2015, p. 30



Contribution of Sectors to GDP in Laos (Estimate 2012)

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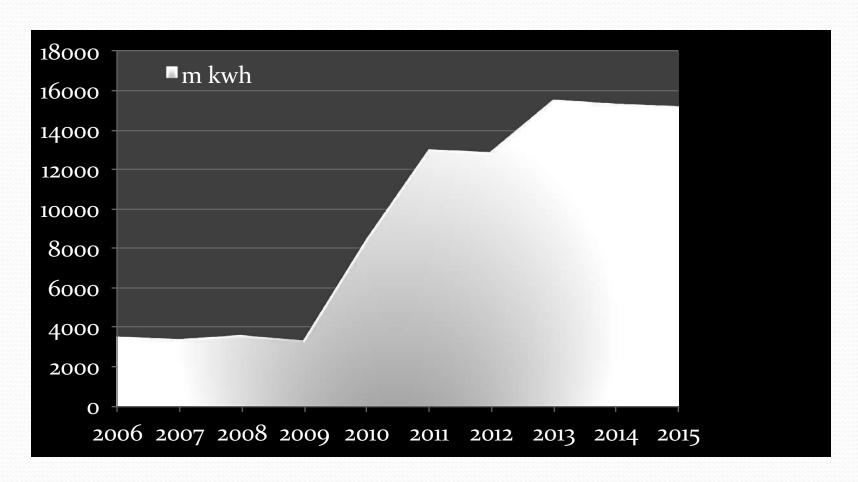
Updated on March 25, 2013

Source: The World Bank (Ed.): Managing Macroeconomic Balances to Sustain High Economic Growth. Lao PDR Economic Monitor, September Update, Issue 16, Vientiane, Sept. 2010, p.2. World Bank (Ed.): Lao PDR Economic Monitor, May 2012 update. Vientiane 2012, p. 5. World Bank (Ed.): Lao PDR Economic Monitor, Dec. 2012 update. Vientiane 2012, p. 5



Electricity Generation in Lao PDR

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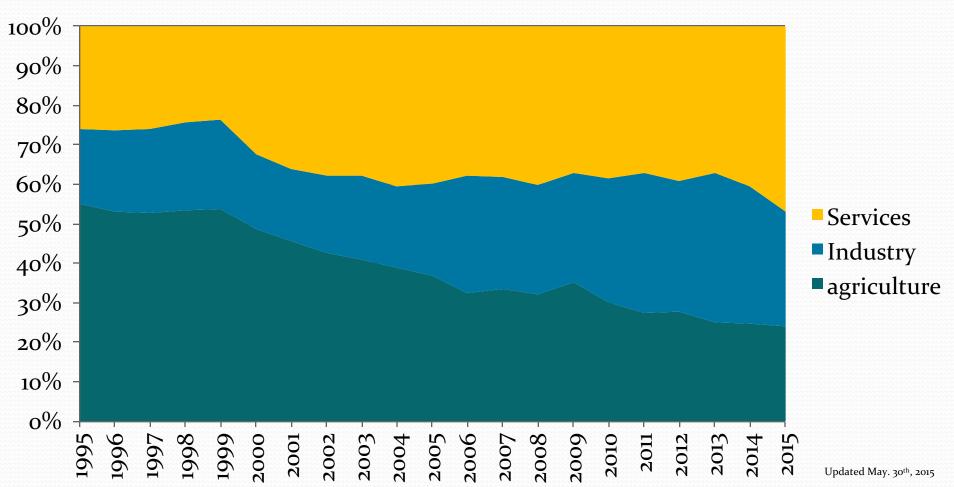
Updated on 23/02/2017

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 92. Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 95





Contents



Source: Asian Development Bank (Ed.): Key Indicators for Asia and the Pacific, 2009. 40th ed., Manila 2009, p. 174pp. The World Bank (Ed.): World Development Report 2011. Washington 2011, p. 350 p., The World Bank (Ed.): Robust Growth Amidst Inflationary Concerns. Lao PDR Economic Monitor, May 2011 Update, Vientiane, May 2011, p. 22. US Department of State 2012. The World Bank (Ed.): Lao PDR Economic Monitor. May 2012 update, p. 21); Economist Intelligence Unit (Ed.): Laos Country Report, 1st quarter 2015. London 2015, p. 6: Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 57

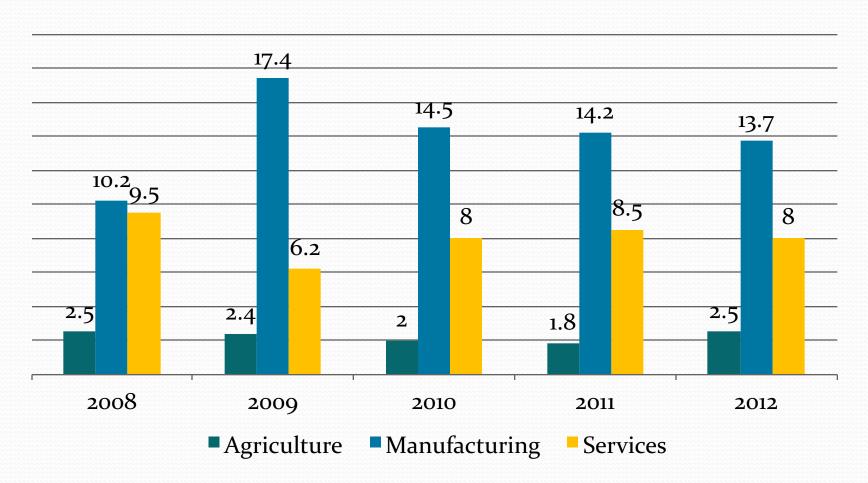
ECCIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR

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Growth rate of value added in the different sectors of the economy

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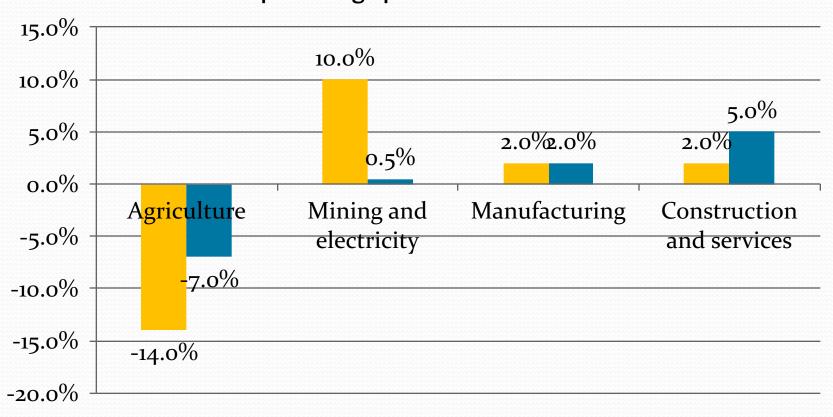
Source: Asian Development Bank (Ed.): Asian Development Outlook 2013. Manila 2013, p. 291-293

Updated 04/06/2013



Changes in employment and value added per sector 2002/03 – 2012/13 in percentage points

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■ Value added ■ Employment

Updated 18/10/2015

Source: The World Bank Group, Australian Aid (Eds.): Drivers of Poverty Reduction in Lao PDR. Lao PDR Poverty Policy Notes. w/o loc. 2015, p. 17.



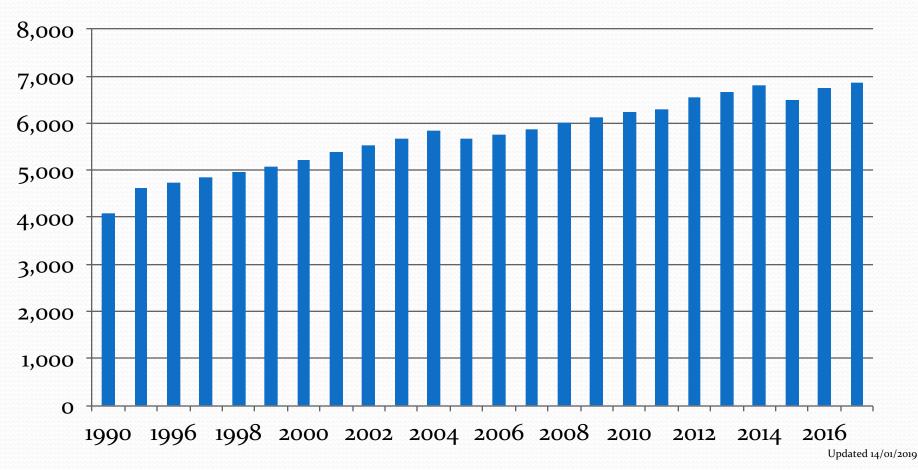
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Population and Workforce



Lao PDR: Population in Thousand

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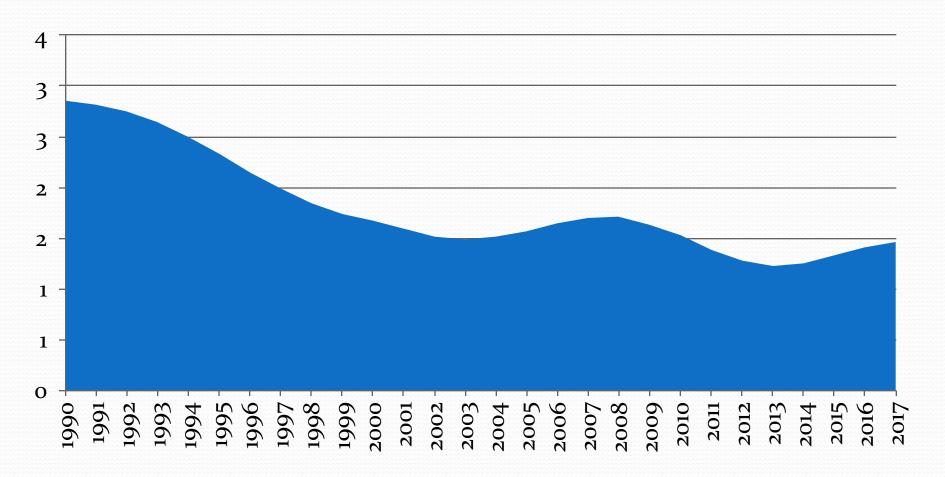


Source: www.aseansec.org. https://www.nsc.gov.la/Statistics/Selected%20Statistics/Population.htm. Ministry of Planning and Investment, UNDP (Ed.): Employment and Livelihoods in Lao PDR, 2009. Vientiane 2009, p. 235, 236, 239. The Economist Intelligence Unit (Ed.): Country Profile 2008 Laos. London, 2009, p. 32.; The Economist Intelligence Unit (Ed.): Country Report Laos. London, Sept. 2010, p. 6. Own calculations. Bruesseler, R.> Laos. In> Wirtschaftshandbuch Ostasien. Ed. By OAV, 2012., https://data.worldbank.org/country/lao-pdr/view-chart as of January 14th 2019.



Lao PDR: Population Growth in %





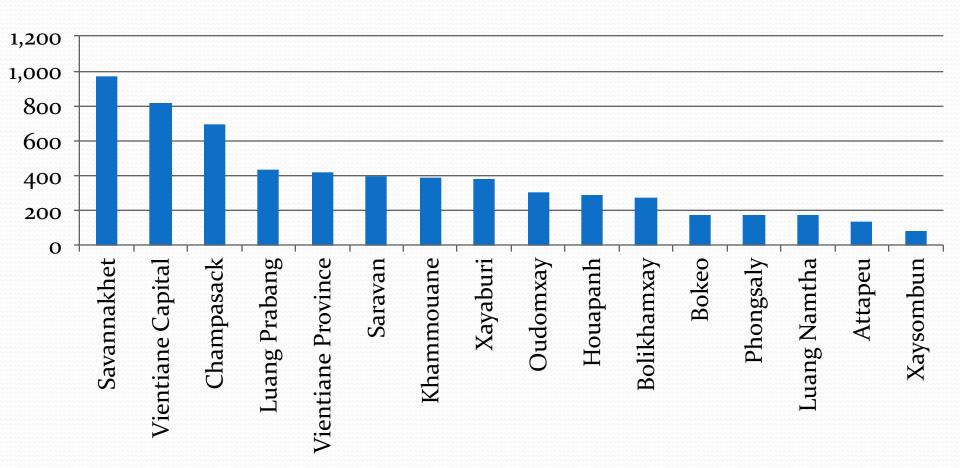
Updated 14/01/2019

Source: World Bank: https://data.worldbank.org/country/lao-pdr?view=chart as of January 14th 2019



Lao PDR: Population in Thousand

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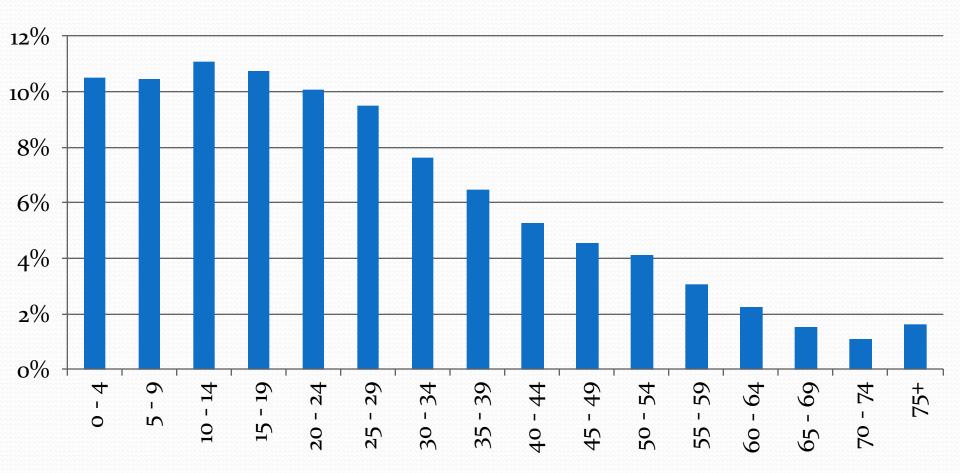
Updated on 22/03/2017

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 22



Lao PDR: Population by age 2014





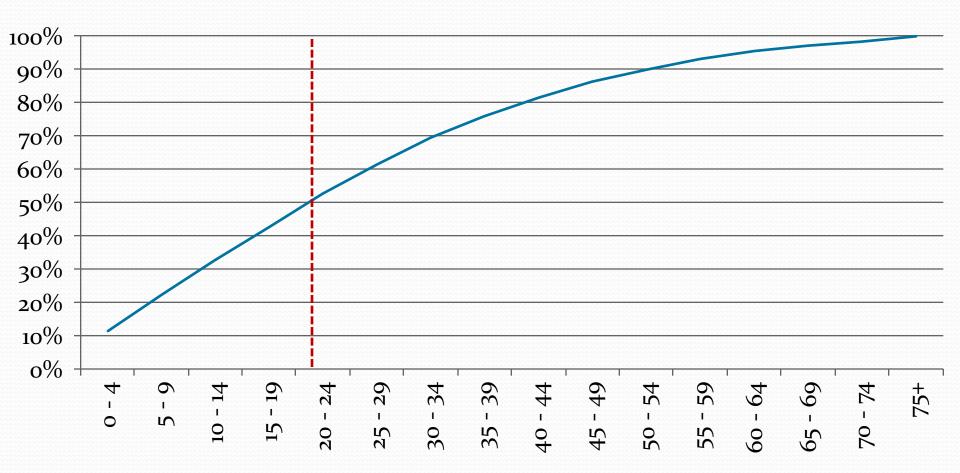
Updated on 22/03/2017

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 23



Lao PDR: Population by age group 2017, cumulated

Contents



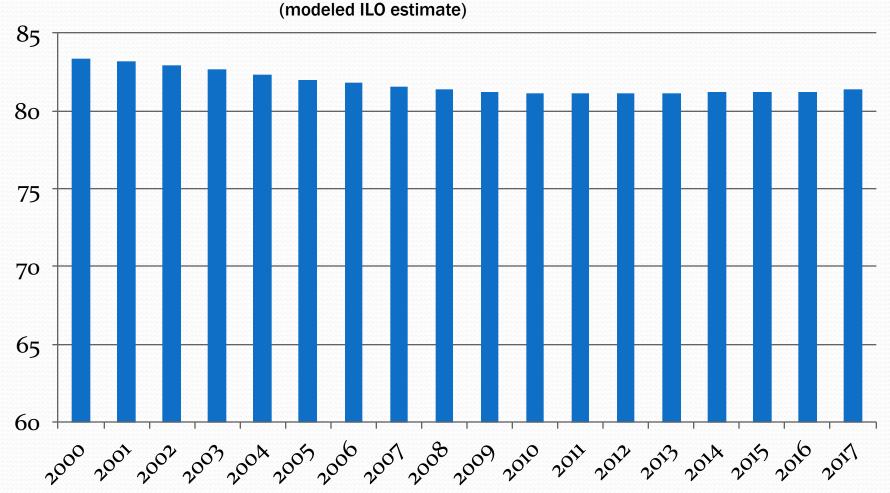
Updated on 08/03/2019

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2017. Vientiane 2018, p. 14



Lao PDR: Labour Participation Rate (% of population 15 y+)

Contents



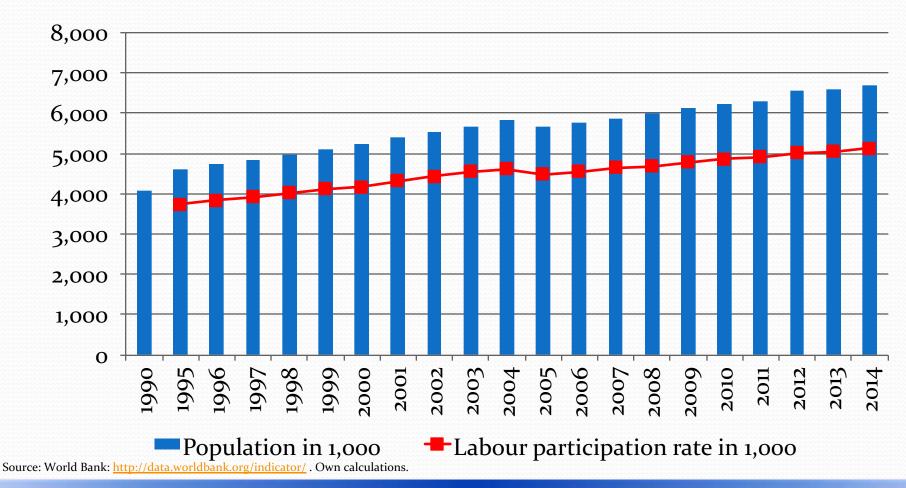
Source: World Bank: http://data.worldbank.org/indicator/ as of 2019/01/14. Own calculations.

Updated 14/01/2019



Contents

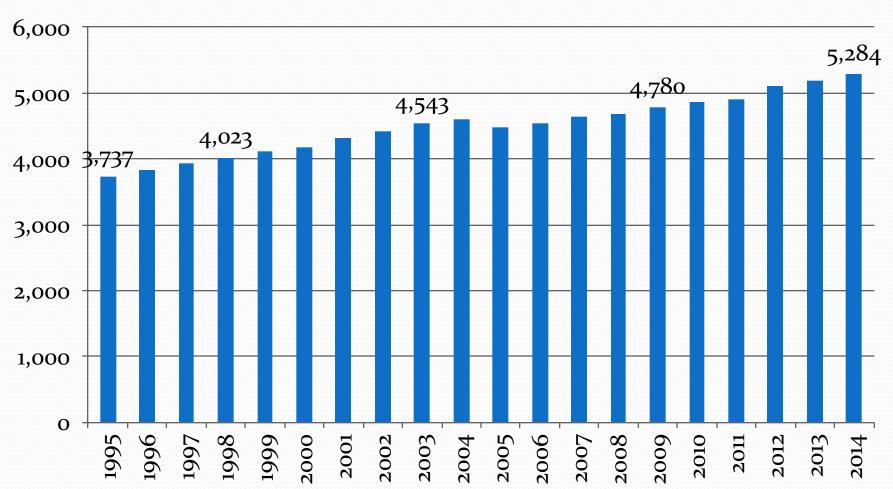
Lao PDR: Population and labour participation rate (share of population 15 y+) in thousands





Lao PDR: Working Population in thousands

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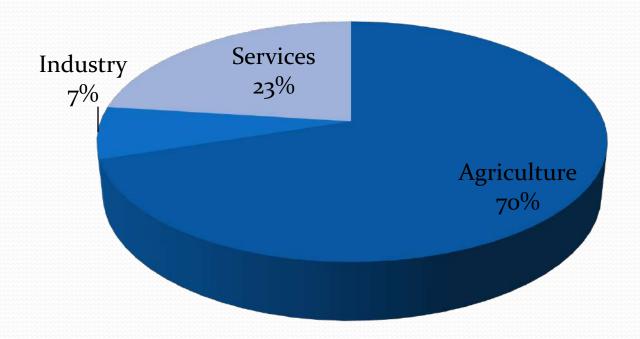


Source: www.nsc.gov.la/Statistics/Selected%20Statistics/Population.htm. World Bank: http://data.worldbank.org/indicator. Ministry of Planning and Investment, UNDP (Ed.): Employment and Livelihoods in Lao PDR, 2009. Vientiane 2009, p. 235, 236, 239. The Economist Intelligence Unit (Ed.): Country Profile 2008 Laos. London, 2009, p. 32.; The Economist Intelligence Unit (Ed.): Country Report Laos. London, Sept. 2010, p.6. Own calculations.



Estimation of employment per sector in 2015 in Lao PDR

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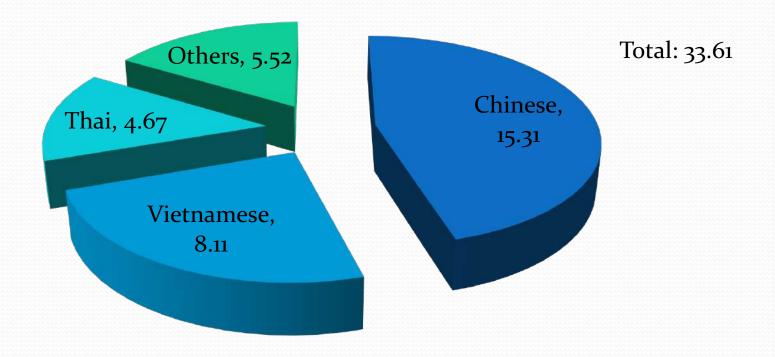
It is expected that labour supply in 2015 will fall short of demand by about 50,000 workers even if labour has already migrated from the agriculture sector.

Source: Presentation of Dr. Bounthavy, Vice Minister for Planning and Investment, Lao PDR.



Foreign Labour in Lao PDR 2014/15, in 1,000

Contents



Updated on 22/03/2017

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 27

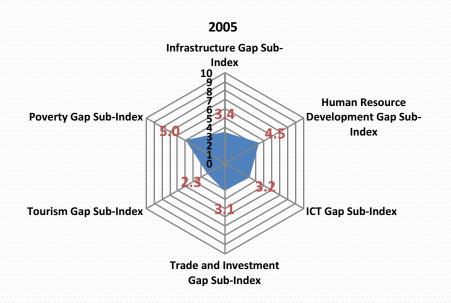


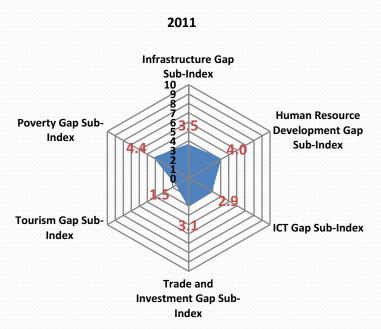
Contents

Selected Socio-economic Development Factors of Lao PDR



The development gap between CLMV and ASEAN-6 Lao PDR belongs to the CLMV – Cambodia, Myanmar, Vietnam – countries, the lesser developed countries within ASEAN.





o base points = no gap 10 base points =widest gap

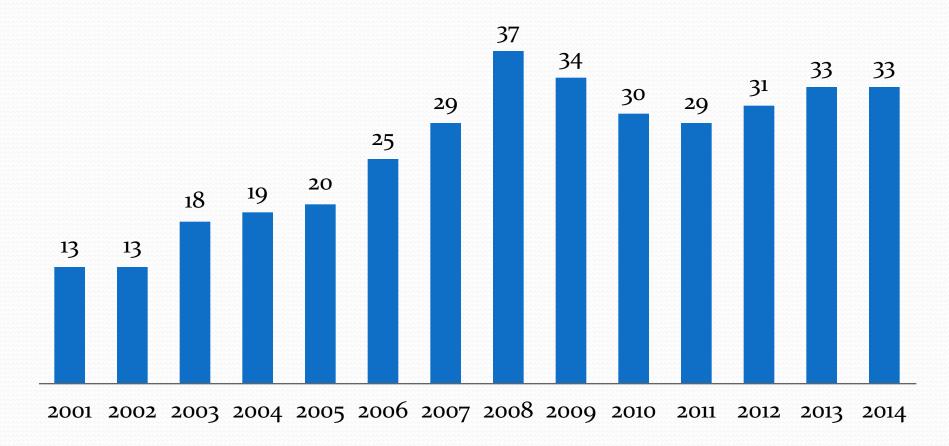
Source: OECD Southeast Asian Economic Outlook 2013, p. 17

http://www.oecd.org/dev/asia-pacific/Pocket%20Edition%20SAEO2013.pdf as of 09/06/2013



Development of health expenditure per capita in current US \$

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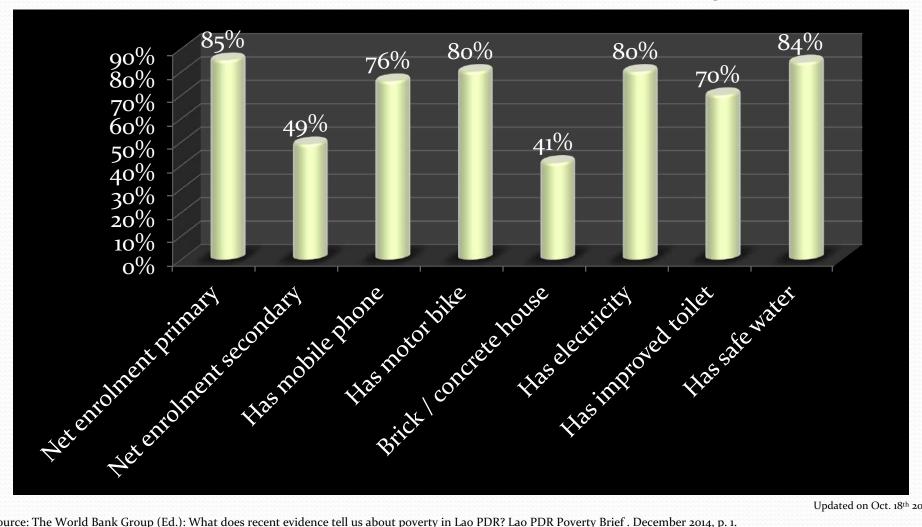
Updated 31/05/2016

Source: World Bank (http://data.worldbank.org/indicator/SH.XPD.PCAP as of May 31th, 2016)



Social indicators in Lao PDR 2012/13

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Updated on Oct. 18th 2015

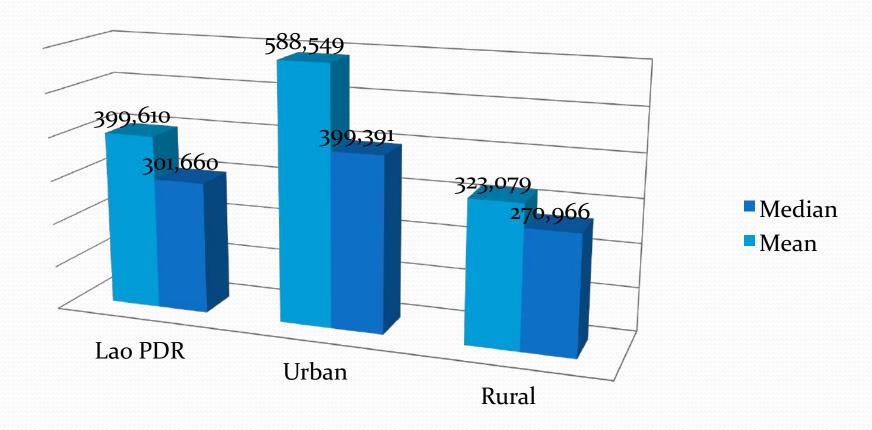
Source: The World Bank Group (Ed.): What does recent evidence tell us about poverty in Lao PDR? Lao PDR Poverty Brief. December 2014, p. 1.



Nominal monthly consumption per capita

<u>Contents</u>

(LAK adjusted for different cost of living in rural and urban areas, 2012/2013)



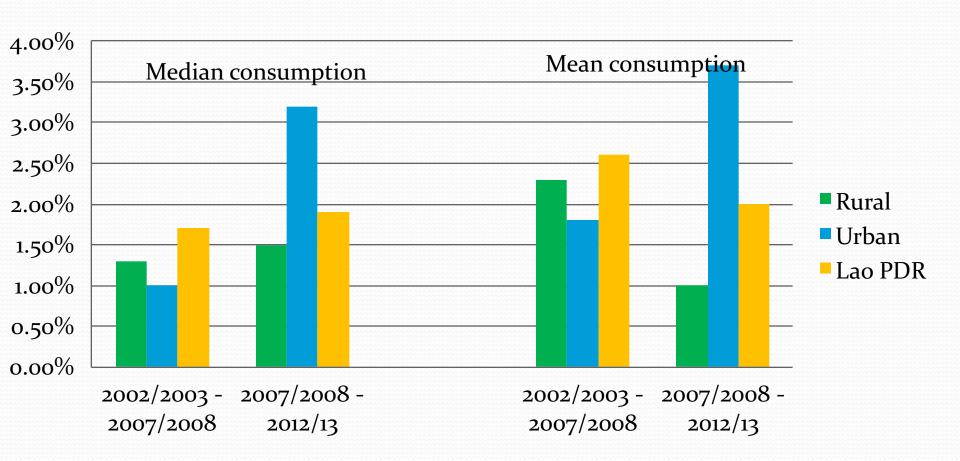
Updated on Oct. 17th 2015

Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 2.



Annualized growth per capita consumption in %

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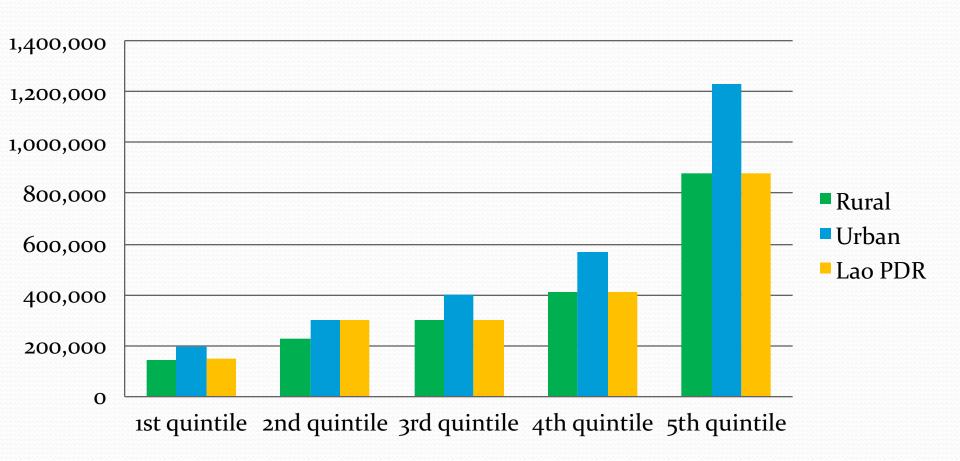
Updated on Oct. 17th 2015

Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 2.



Áverage nominal monthly per capita consumption in LAK 2012/13

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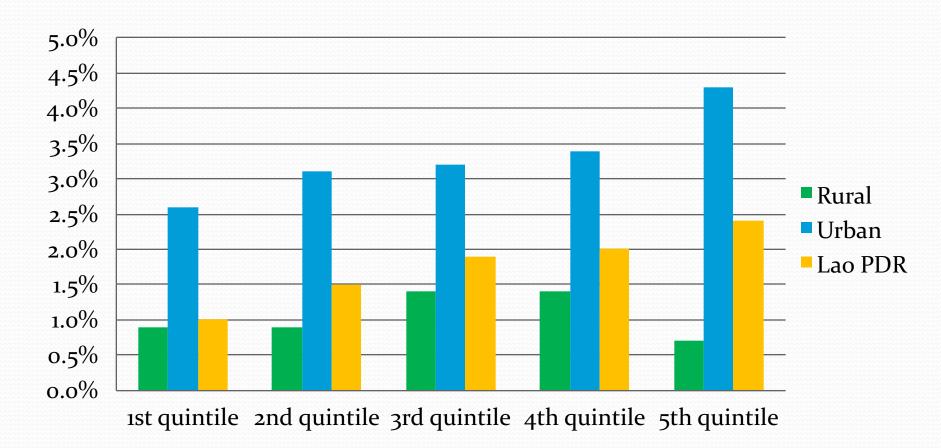
Updated on Oct. 17th 2015

Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 5.



Annualized growth in real per capita consumption in % 2007/08 – 2012/13

Contents



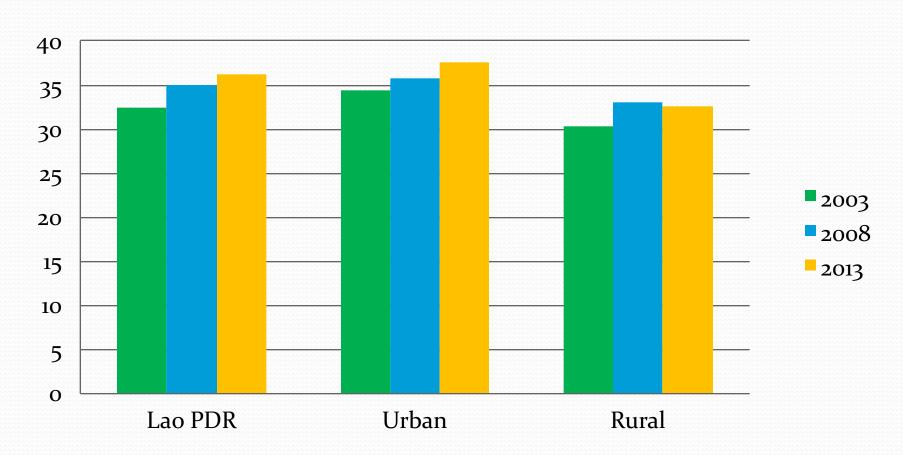
Updated on Oct. 17th 2015

Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 5.



Gini coefficient (o = total equality; 100= total inequality)

Contents



Updated on Oct. 17th 2015

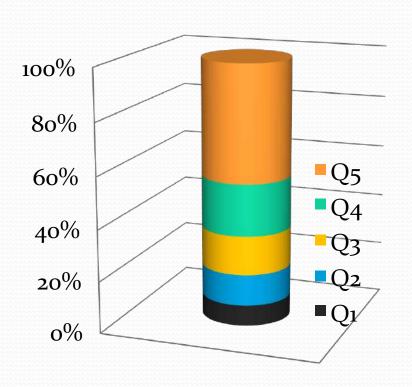
Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 6.



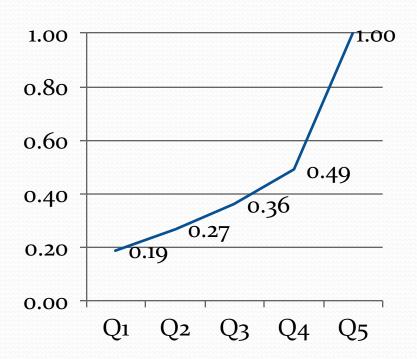
Income inequality

Contents

Income share by income quantile



Ratio of share of income held by each quantile to share held by top quantile

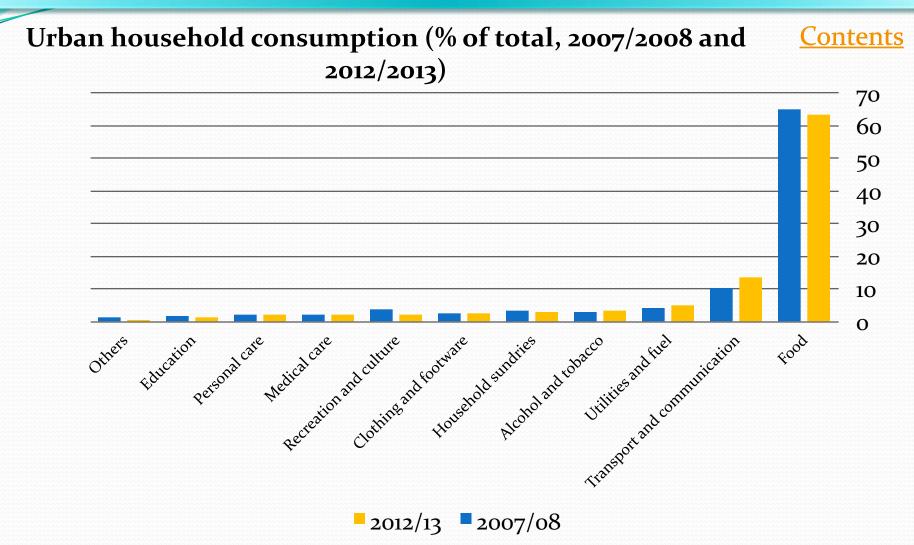


Updated on June 14th 2018

Source: International Monetary Fund (Ed.): Lao People's Democratic Republic. IMF Country Report No. 18/84. Washington March 2018, p. 32







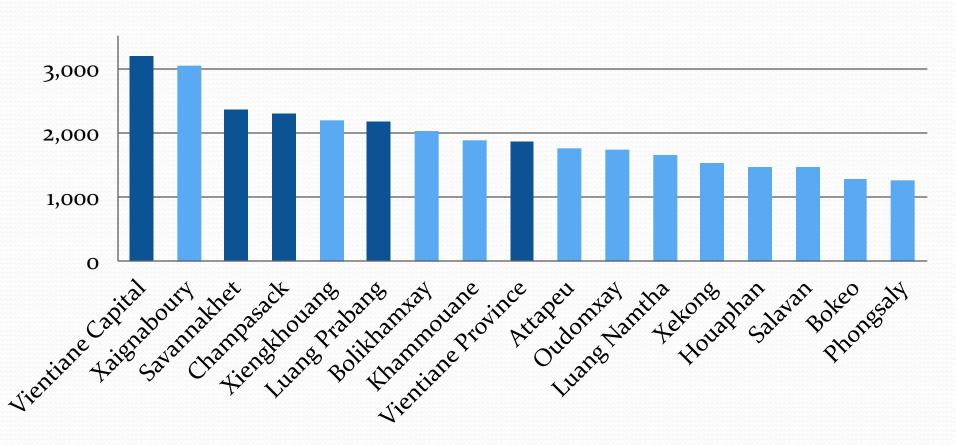
Updated on Oct. 17th 2015

Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 19.



Household consumption (1000 LAK, 2007/2008) The Rich, The Poor and the Have-nots

Contents



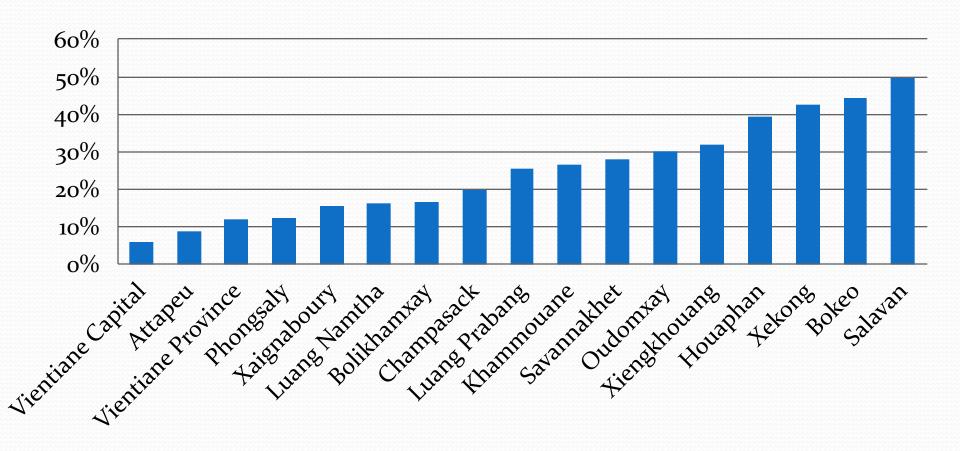
Source: Ministry of Planning and Investment, Lao Department of Statistics (Ed.): The Households of Lao PDR. Social and Economic Indicators. Vientiane 2009, p. 19.



Poverty headcount by province (2013)

Contents

The national poverty line is defined 203,613.6 LAK (weighted mean of regional poverty lines)



Updated on Oct. 17th 2015

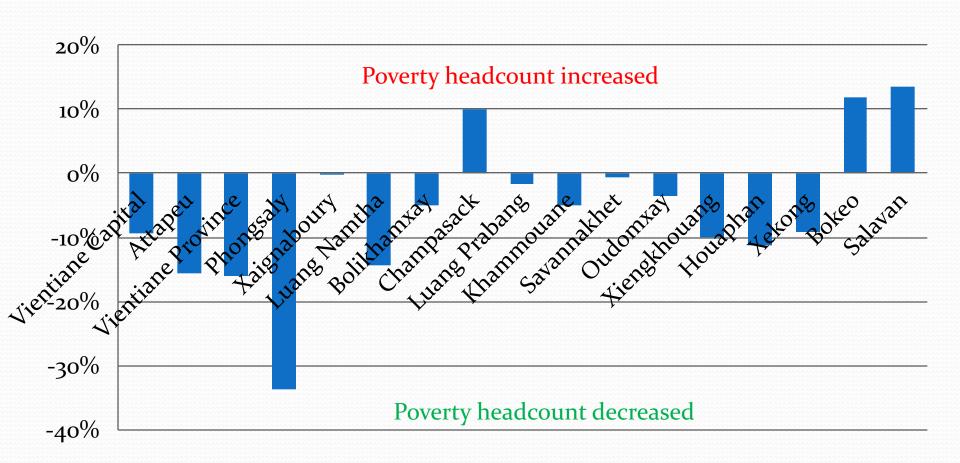
Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 4.



Change in Poverty headcount by province

Contents

(percentage points, 2007/08 vs. 2012/13)

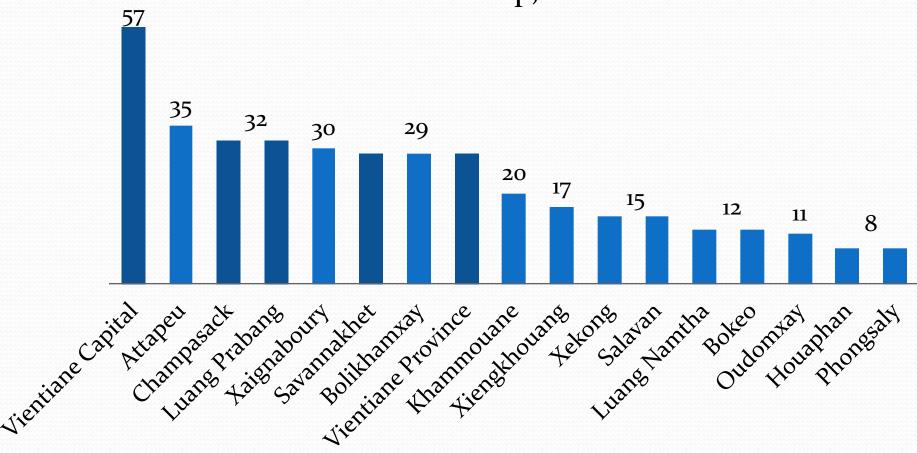


Updated on Oct. 17th 2015

Source: Ministry of Planning and Investment, Lao Department of Statistics, The World Bank, Australian Aid (Ed.): Poverty Profile in Lao PDR. Vientiane 2015, p. 4.



Households operating one or more businesses (%, 2007/2008) Me have shop, too!

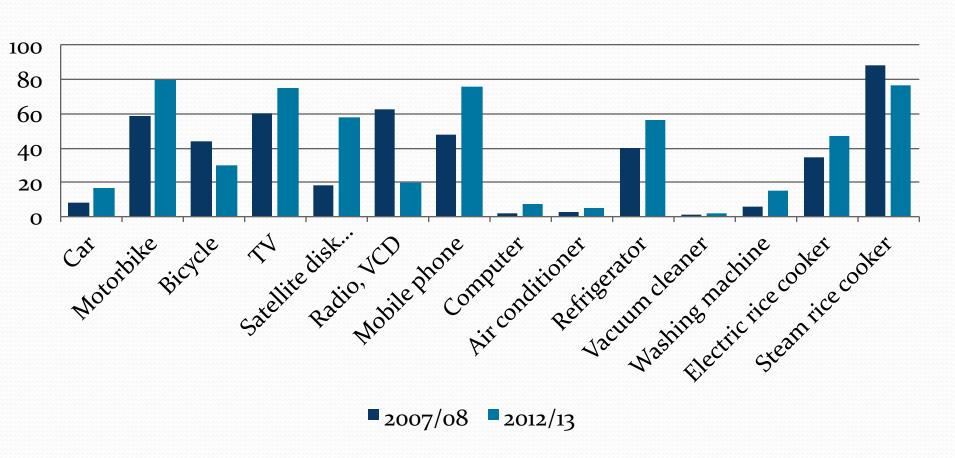


Source: Ministry of Planning and Investment, Lao Department of Statistics (Ed.): The Households of Lao PDR. Social and Economic Indicators. Vientiane 2009, p. 66.



Changes in household durable goods (% of households)

Contents

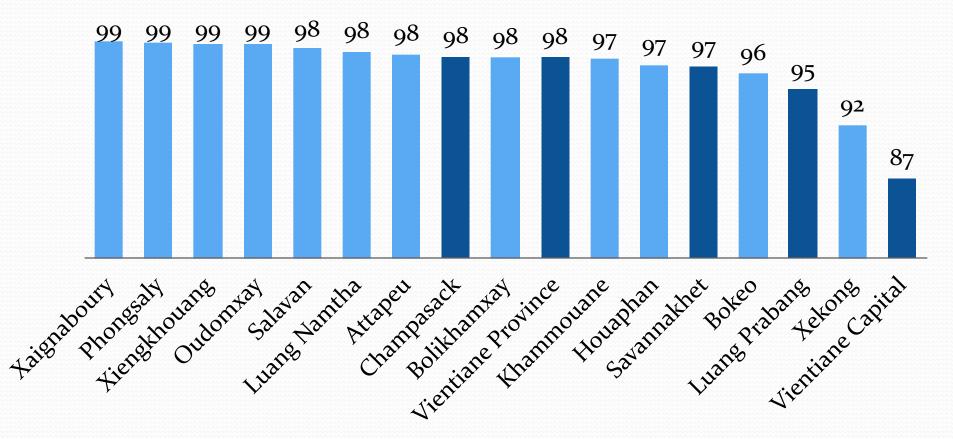


Source: Ministry of Planning and Investment, Lao Department of Statistics (Ed.): The Households of Lao PDR. Social and Economic Indicators. Vientiane 2009, p. 74.



Households that own a house, in % (2005) My home is my castle!

Contents

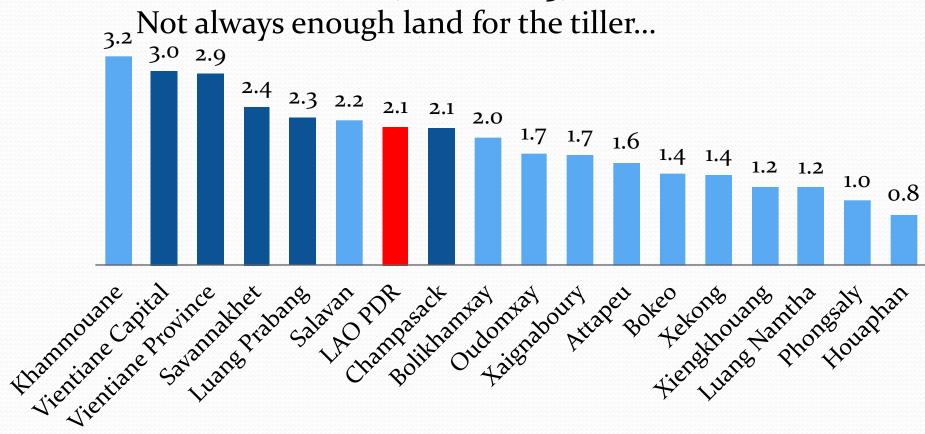


Source: Steering Committee for the Census of Population and Housing (Ed.): Results from the Population and Housing Census 2005. Vientiane 2006, p. 124.



Average size of agricultural land per farmer's household (in ha, 2005)

Contents

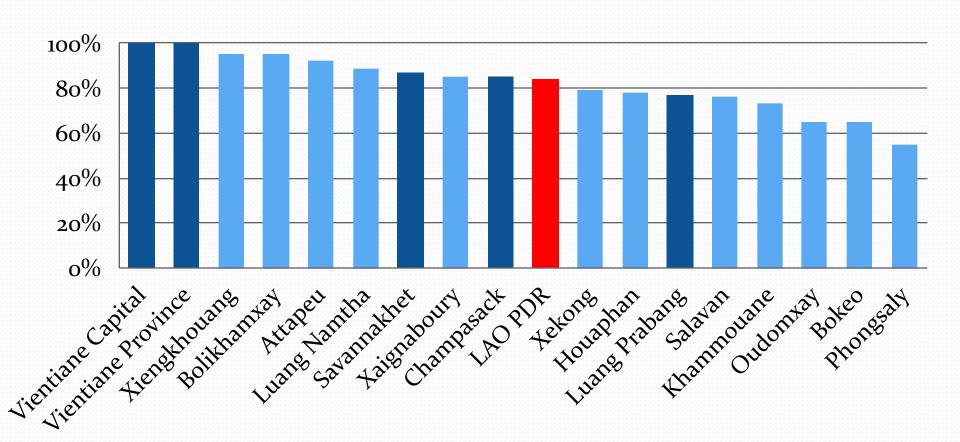


Source: Steering Committee for the Census of Population and Housing (Ed.): Results from the Population and Housing Census 2005. Vientiane 2006, p. 137.



Reachability of villages in rainy season (2007/08)

Contents



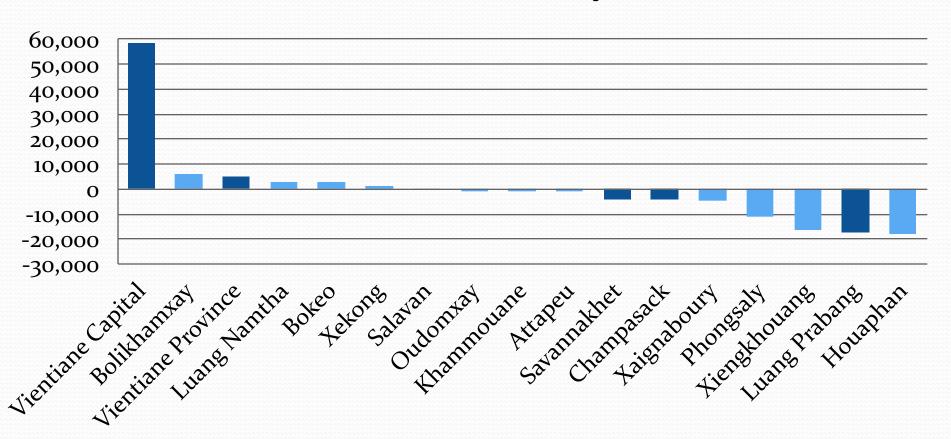
Source: Ministry of Planning and Investment, UNDP (Ed.): Employment and Livelihoods Lao PDR, 2009. Vientiane 2009, p. 231.



Net migration (1995-2005)

Contents

Shift towards centralisation: Next year in Vientiane!

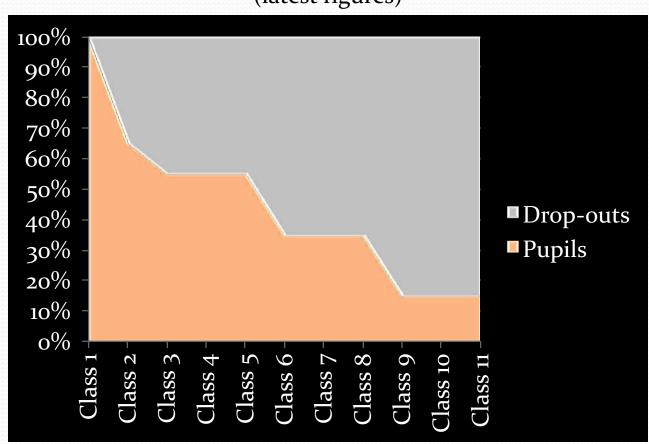


Source: Steering Committee for the Census of Population and Housing (Ed.): Results from the Population and Housing Census 2005. Vientiane 2006, p. 33.



Pupils and drop-outs

(latest figures)

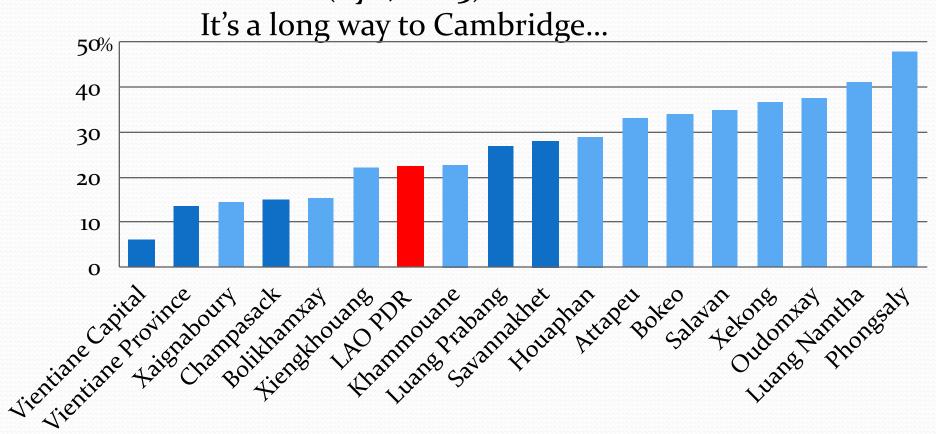


Updated on Oct. 22nd, 2014



Percentage of population "never been to school" (6y+, 2005)

Contents

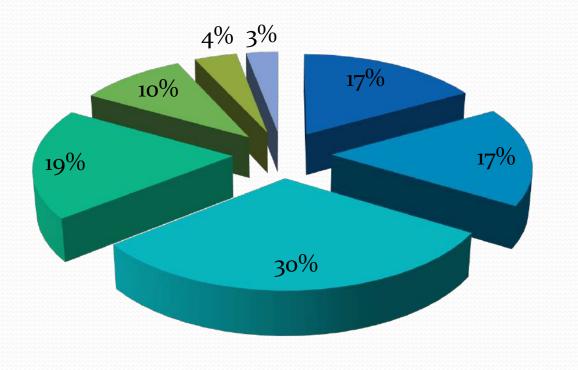


Source: Steering Committee for the Census of Population and Housing (Ed.): Results from the Population and Housing Census 2005. Vientiane 2006, p. 51.



Educational composition of working age population (2013)

Contents



- No formal education
- Some primary
- Completed primary
- Completed lower seconday
- Completed upper secondary
- Completed vocational training
- University degree

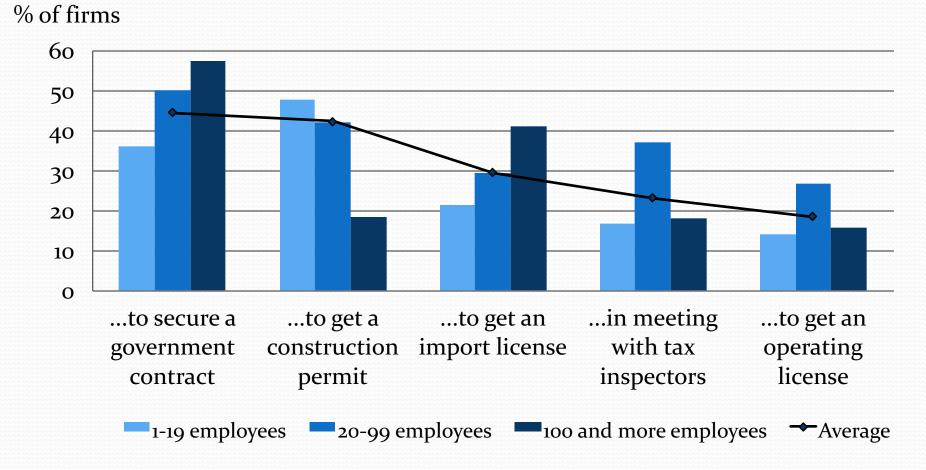
Updated 18/10/2015

Source: The World Bank Group, Australian Aid (Eds.): Drivers of Poverty Reduction in Lao PDR. Lao PDR Poverty Policy Notes. w/o loc. 2015, p. 14.



Corruption (2012) Expected gift giving in small, medium and large companies

Contents



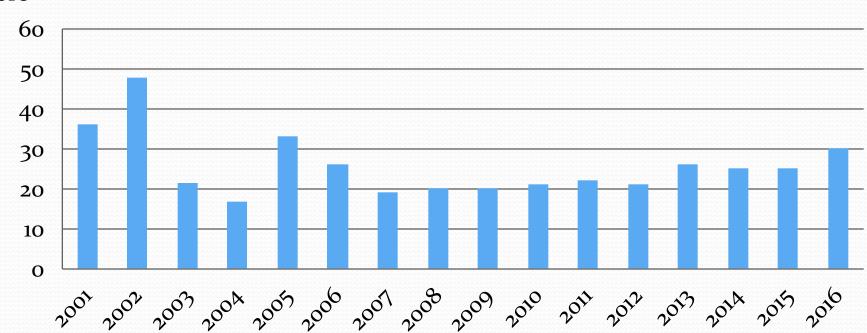
Source: World Bank, IFC (Ed.): Lao PDR Country Profile 2012. Enterprise Surveys. Washington, March 2013, p. 12..



Corruption Perception (2001-2016)

Contents





Score 100: no corruption in the public sector. Score 0: extreme corruption in the public sector

Updated on 28/09/2017

Source: https://www.transparency.org/news/feature/corruption_perceptions_index_2016



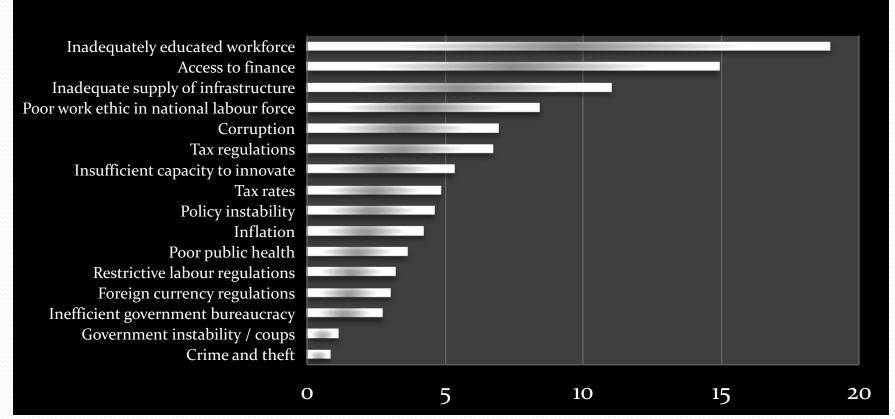
2) Lao in practice



Competitiveness and Doing Business







Source: Source: Schwab, K.: The Global Competitiveness Report 2013-2014. Ed. by World Economic Forum (Ed.), Geneva 2013, p. 244.

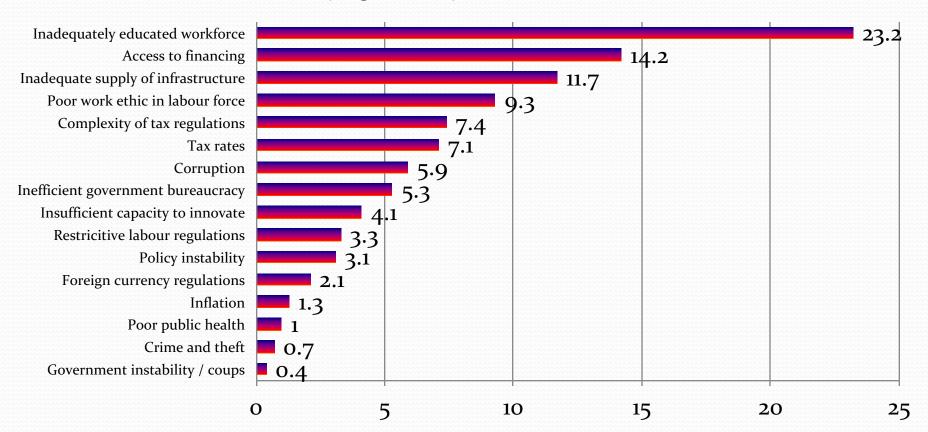
Updated on March 105, 2014



The most problematic factors for doing business in Laos according to the global competitiveness index 2015-2016

Contents

(weighted score)



Source: Schwab, K.: The Global Competitiveness Report 2015-2016. Ed. by World Economic Forum (Ed.), Geneva 2015, p. 228.

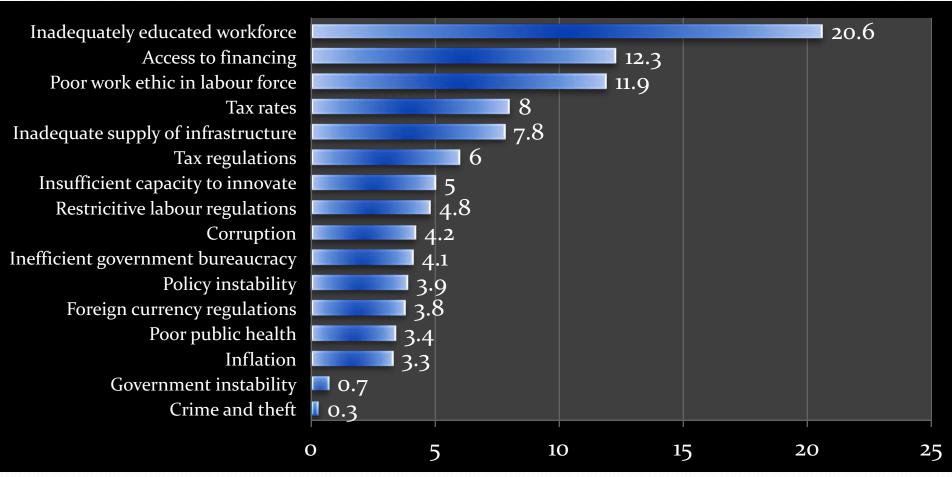
Updated October 17th 2015



Lao PDR charts and figures

The most problematic factors for doing business in Laos according to the global Contents competitiveness index 2016-2017

(weighted score)



Source: Schwab, K.: The Global Competitiveness Report 2016-2017. Ed. by World Economic Forum (Ed.), Geneva 2016, p. 230.

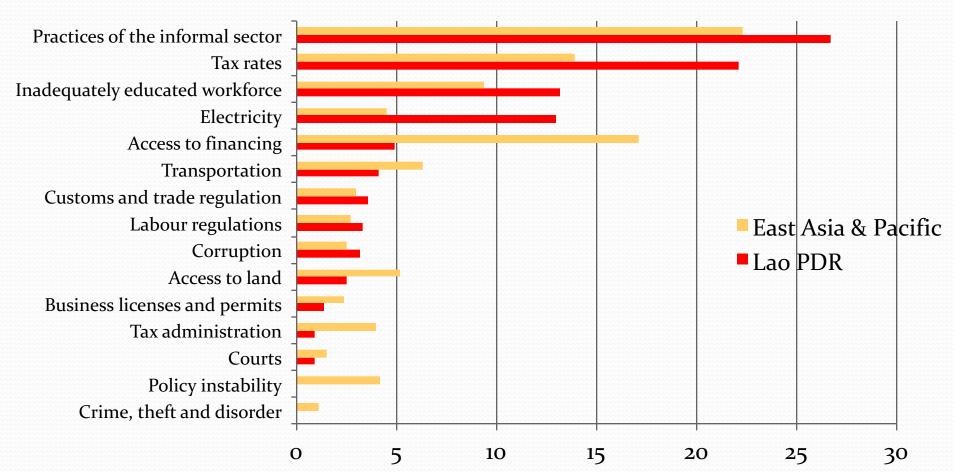
Updated March o6th 2017





The most problematic factors for doing business in Laos compared with East <u>Contents</u> Asia & Pacific according to the World Bank

(Lao PDR 2016 Country Profile 2016)



Source: The World Bank (Ed.): Enterprise Surveys Lao PDR 2016 Country Profile. Washington, p. 10-13.

Updated May 11th 2017

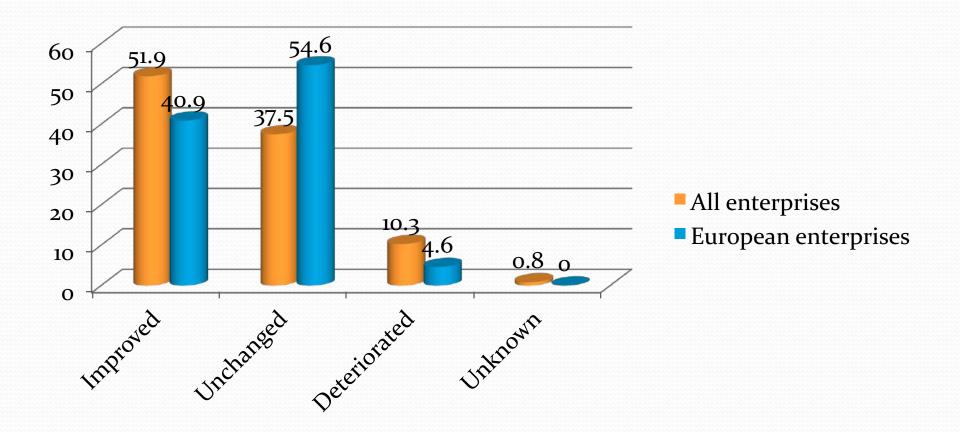


Business Confidence II/2016



Business Development in Laos in the 2nd half of 2016

Contents



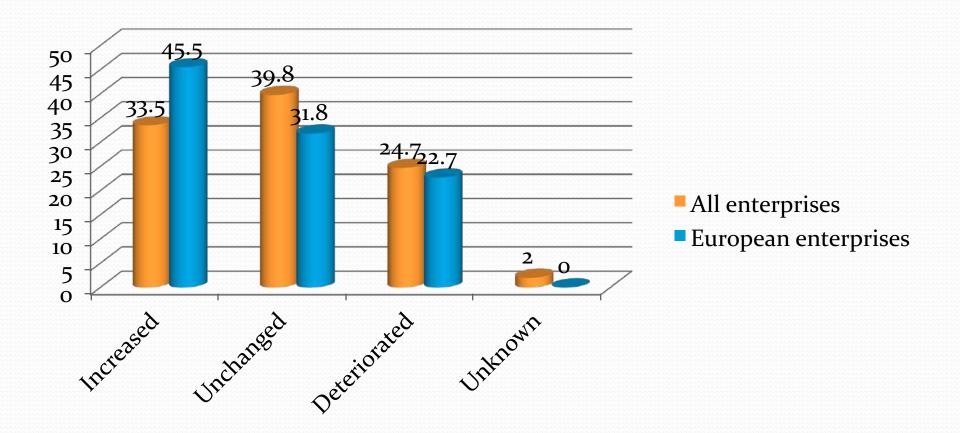
Updated October 05th 2017

Source: European Chamber of Commerce and Industry in Lao PDR, Lao National Chamber of Commerce and Industry (Ed.): Business Confidence Assessment Lao PDR (Lao and European Businesses) July-December 2016. Vientiane 2017 p. 18-19



Profit Development in Laos in the 2nd half of 2016

Contents



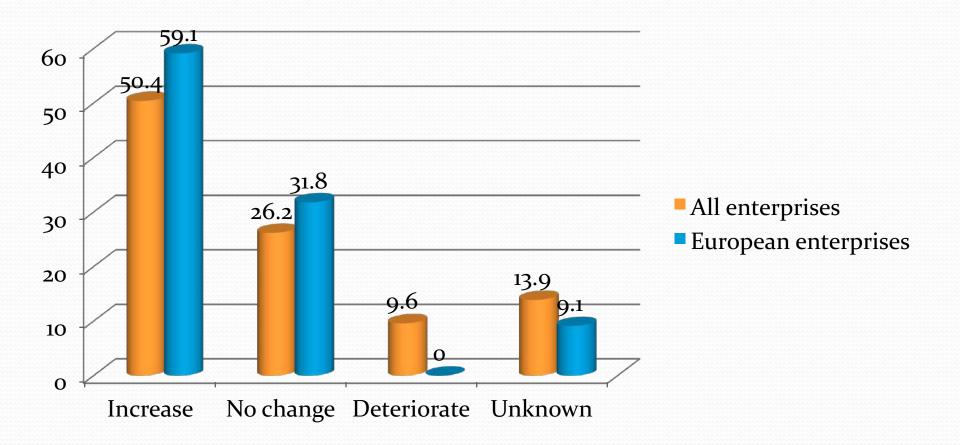
Updated October 05th 2017

Source: European Chamber of Commerce and Industry in Lao PDR, Lao National Chamber of Commerce and Industry (Ed.): Business Confidence Assessment Lao PDR (Lao and European Businesses) July-December 2016. Vientiane 2017 p. 25



Expected Profit Development in Laos for the 1st half of 2017





Updated October 05th 2017

Source: European Chamber of Commerce and Industry in Lao PDR, Lao National Chamber of Commerce and Industry (Ed.): Business Confidence Assessment Lao PDR (Lao and European Businesses) July-December 2016. Vientiane 2017 p. 27



The Enterprises



Professionals in Laos - Estimates for 2012

Contents

Civil Engineers

- Total in country: 759
- Per 100.000 inhabitants: 12.1

Architects

- Total in country 293
- Per 100.000 inhabitants 4.7

Lawyers

- Total in country 148
- Per 100.000 inhabitants 2.3

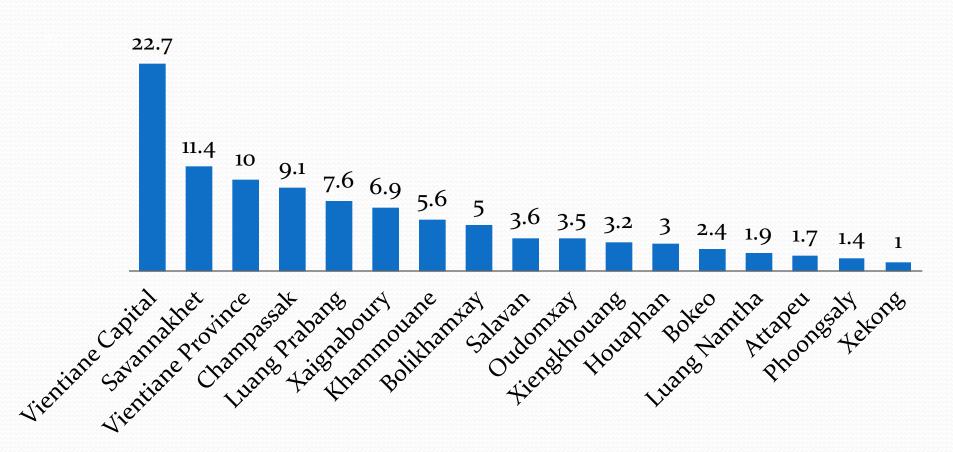
Accountants

- Total in country 132
- Per 100.000 inhabitants 2.1

Source: Dahanayake, S.: Implications of Liberalizing Professional Services: Legal, Accounting and Engineering Services in Lao PDR. Ed. By Ministry of Industry and Commerce, Vientiane, August 2012, p. 14.



Economic Units in Lao PDR, Dec. 2006, Regional Distribution in %







Economic Units in Lao PDR, Dec. 2006, ISIC classification (I)

Classification	Number of units
Wholesale and retail, repair	81,780
Manufacturing	24,331
Agriculture, forestry, fishing	4,319
Transportation, storage	3,799
Accommodation and food service	3,439
Other service activities	3,353
Arts, entertainment and recreation	1,013
Information, communication	872
Administrative and support service	755
Construction	628
Real estate activities	618

Total number of economic units according to Census: 126,913.





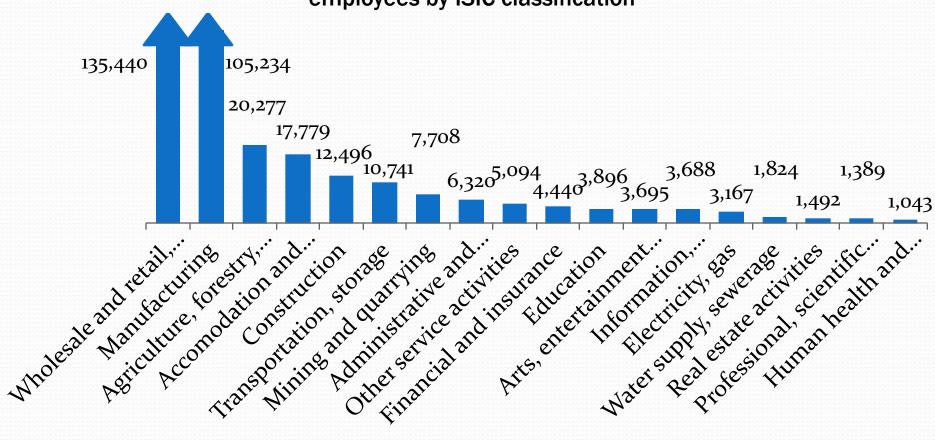
Economic Units in Lao PDR, Dec. 2006, ISIC classification (I)

Classification	Number of units
Human health and social work	375
Professional, scientific and technical	359
Financial and insurance	299
Education	298
Mining and quarrying	297
Water supply, sewerage	264
Electricity, gas	114

Total number of economic units according to Census: 126,913.

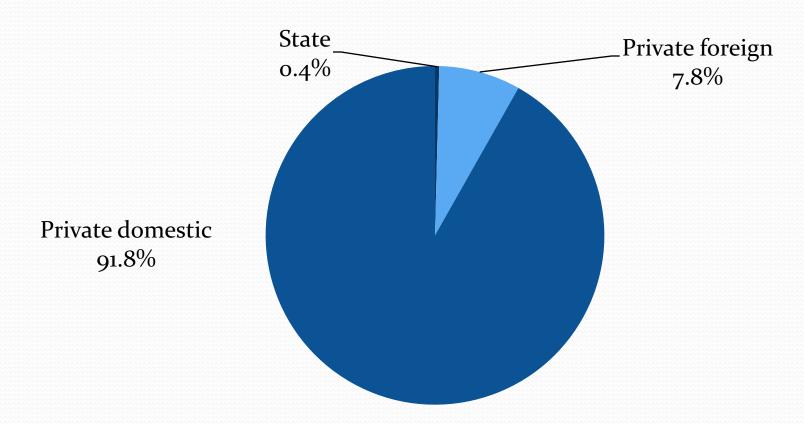








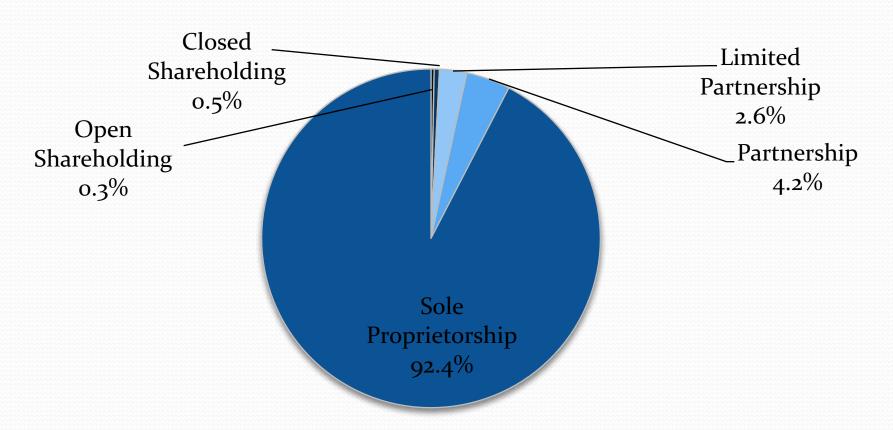
Ownership structure of Lao companies 2012



Source: World Bank, IFC (Ed.): Lao PDR Country Profile 2012. Enterprise Surveys. Washington, March 2013, p. 5.



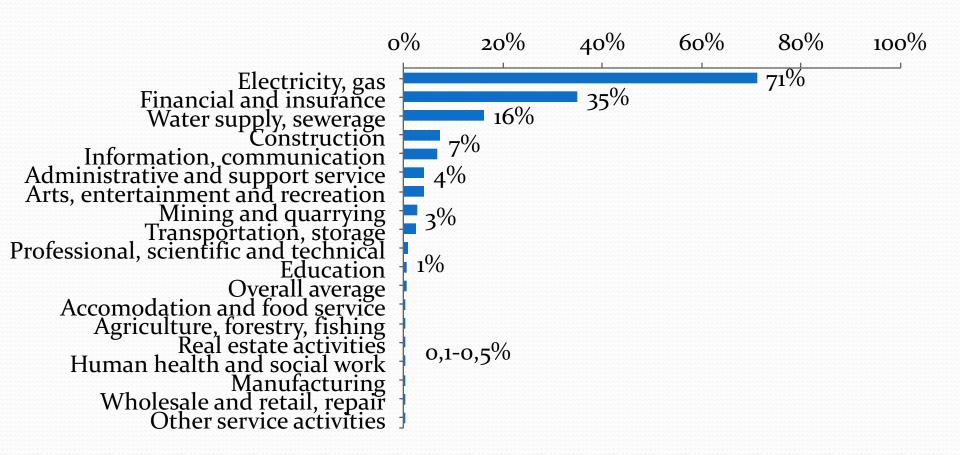
Legal status of Lao companies 2012



Source: World Bank, IFC (Ed.): Lao PDR Country Profile 2012. Enterprise Surveys. Washington, March 2013, p. 8.



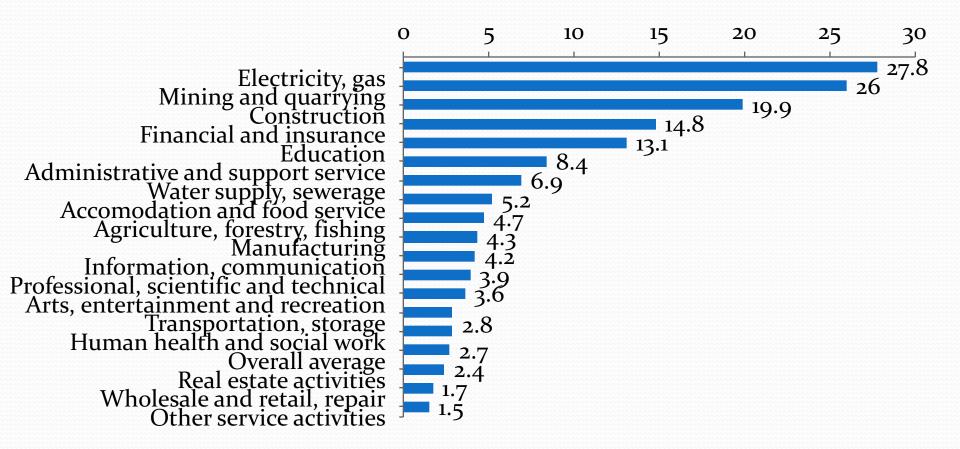
Economic Units in Lao PDR, Share of State Owned Enterprises (2006)



Source: Ministry of Planning and Investment, UNDP (Ed.): Employment and Livelihoods Lao PDR, 2009. Vientiane 2009, p. 247.

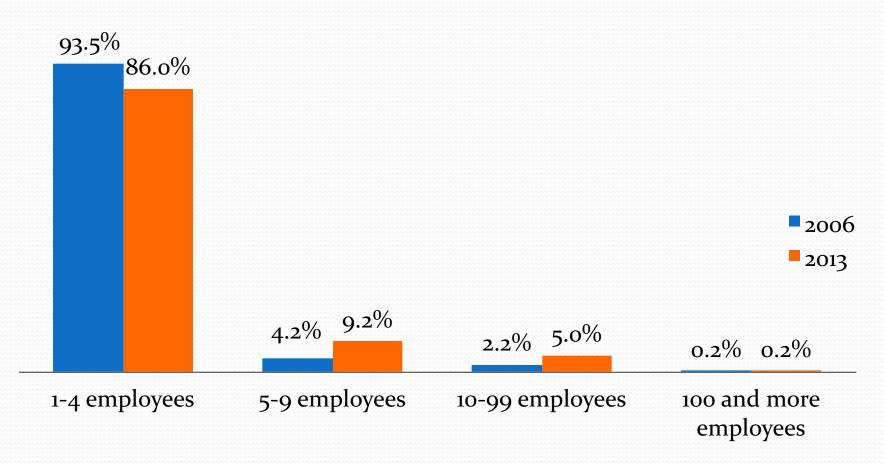


Economic Units in Lao PDR, Dec. 2006, Average employment per unit





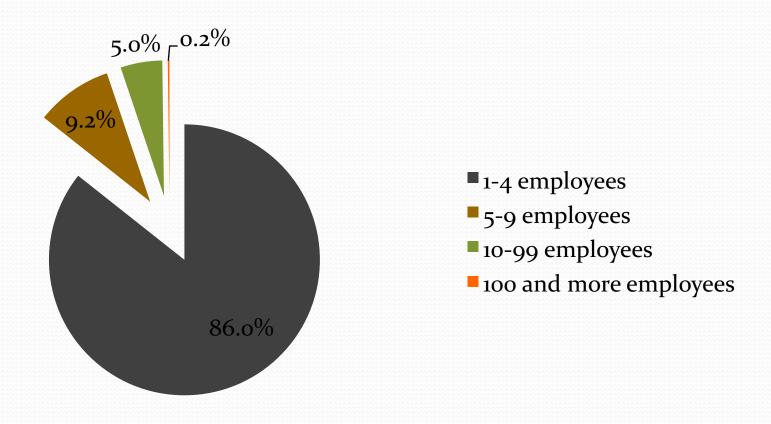
Economic Units in Lao PDR, Dec. 2006 and 2013, size by number of staff



Total number of economic units according to Census 2006: 126,913. Companies participating in Economic Census 2013: 124,873 Source: The Steering Committee on Economic Census (Ed.): Report of Economic Census, 2006 Volume 1, Vientiane 2007, p. 9. Lao Economic Census 2013.

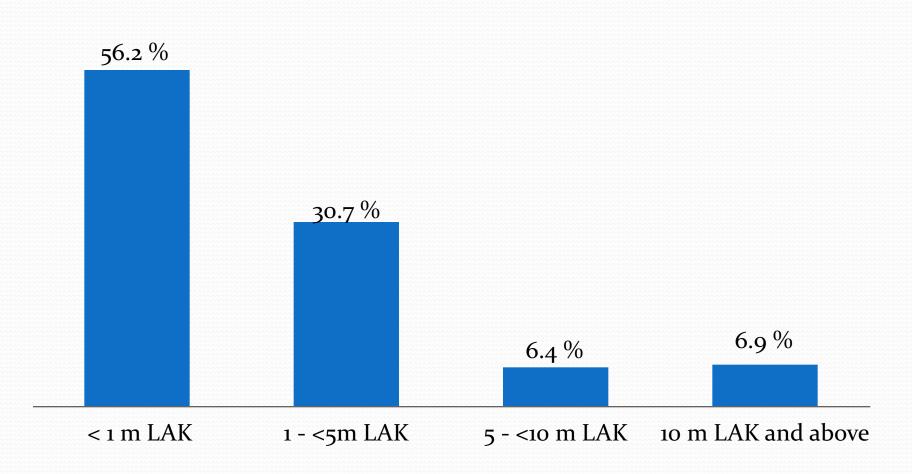


Economic Units in Lao PDR, 2013, size by number of staff



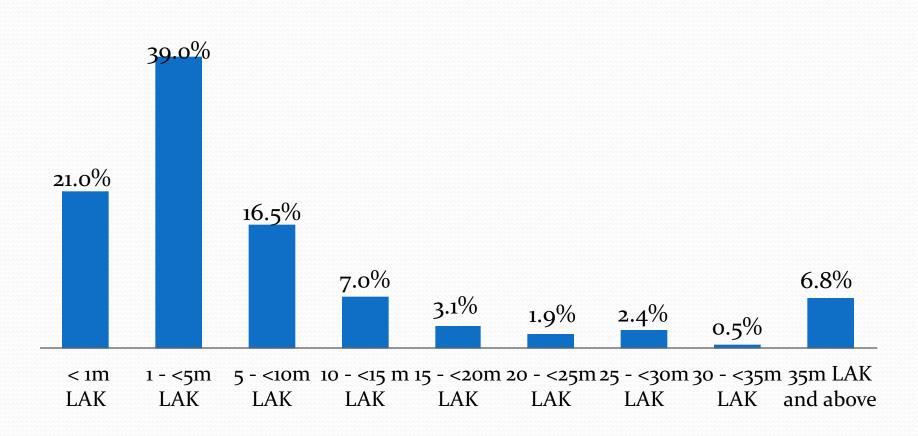


Economic Units in Lao PDR, Dec. 2006, by average monthly income



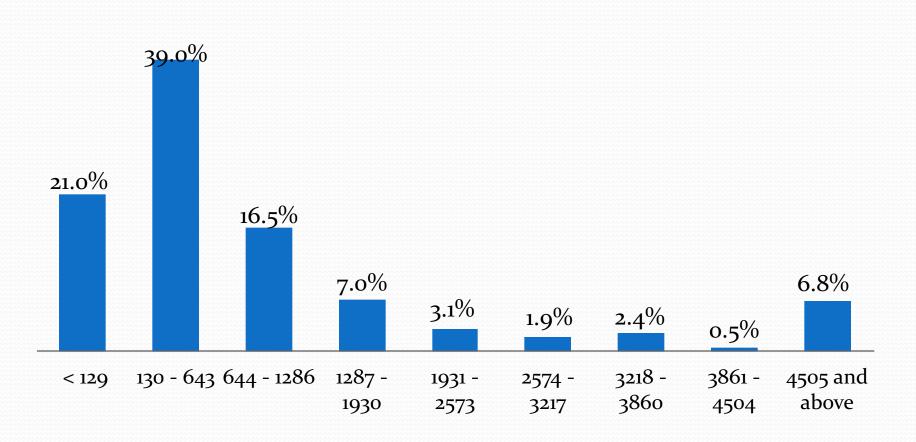


Business Units in Lao PDR, 2013, by monthly turnover in LAK



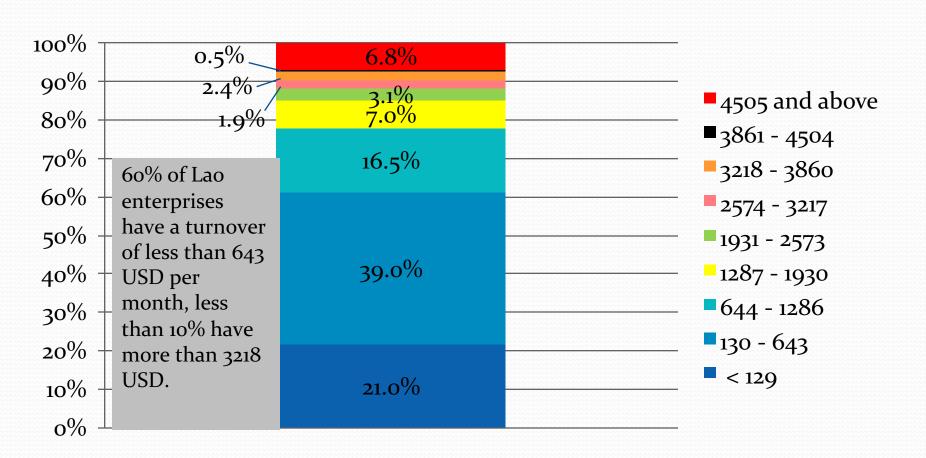


Business Units in Lao PDR, 2013, by monthly turnover in USD





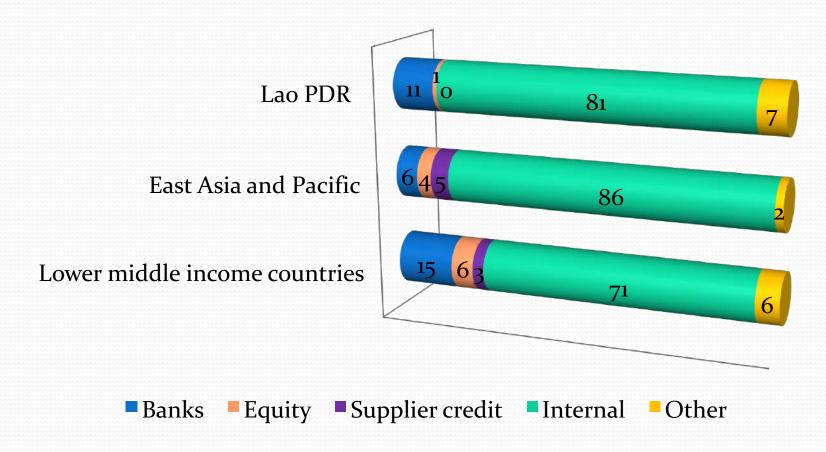
Business Units in Lao PDR, 2013, by monthly turnover in USD





Lao companies' sources of financing for purchases of fixed assets in %

(companies with more 5 or more employees, no SOEs)



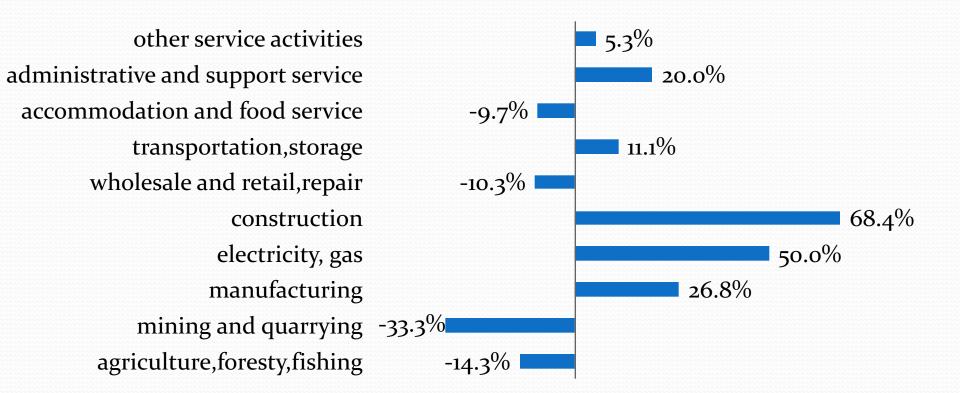
Updated on May 11th 2017

Source: The World Bank (Ed.): Enterprise Surveys. Lao PDR 2016 Country Profile. Washington, p. 7



Balance of profit development of Lao companies 1st half of 2009*

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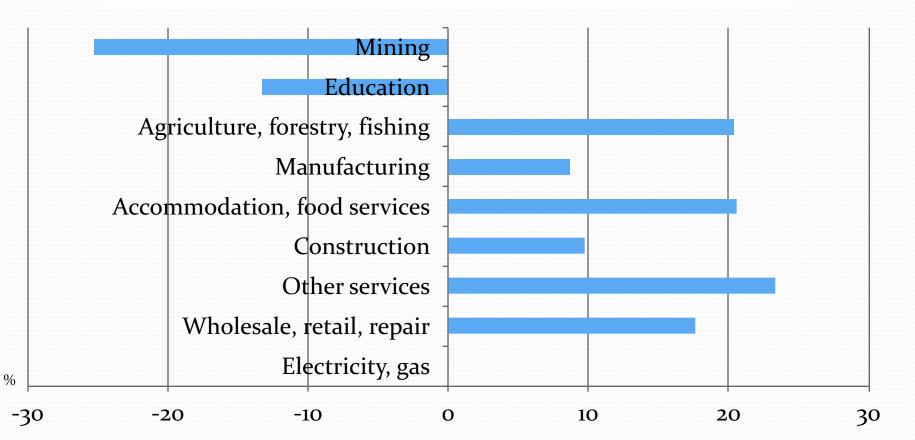


Survey of about 400 companies by LNCCI.

Balance means the difference (expressed in percent) between companies which reported an increase of profits and those that reported a decline. Only Industries in which 10 or more companies have been interviewed are included.



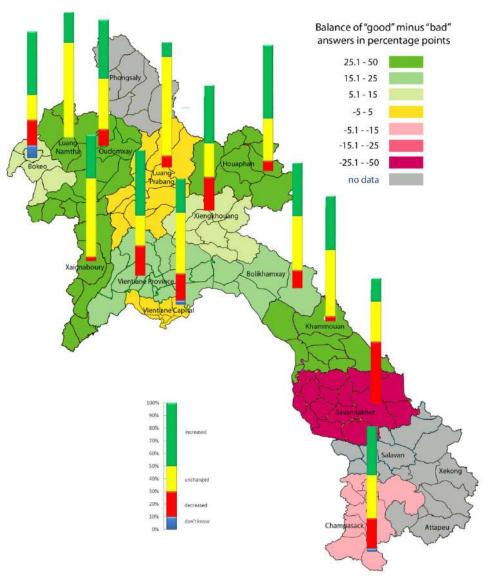
Balance of profit development of Lao companies 2nd half of 2016*



Survey of about 400 companies by ECCIL.

Balance means the difference (expressed in percent) between companies which reported an increase of profits and those that reported a decline. Only Industries in which 10 or more companies have been interviewed are included.





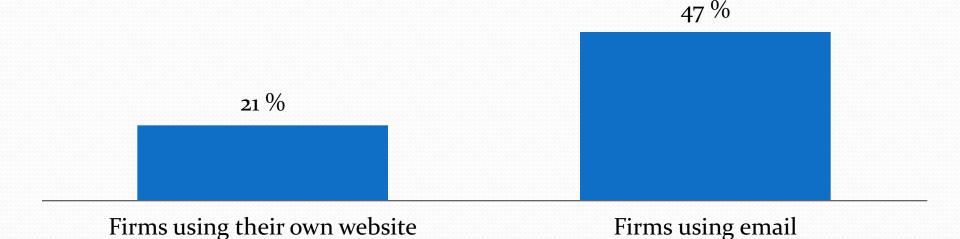


Technology in Enterprises



Economic Units in Lao PDR and Use of Technology (I) - Use of Internet 2012 -

Contents



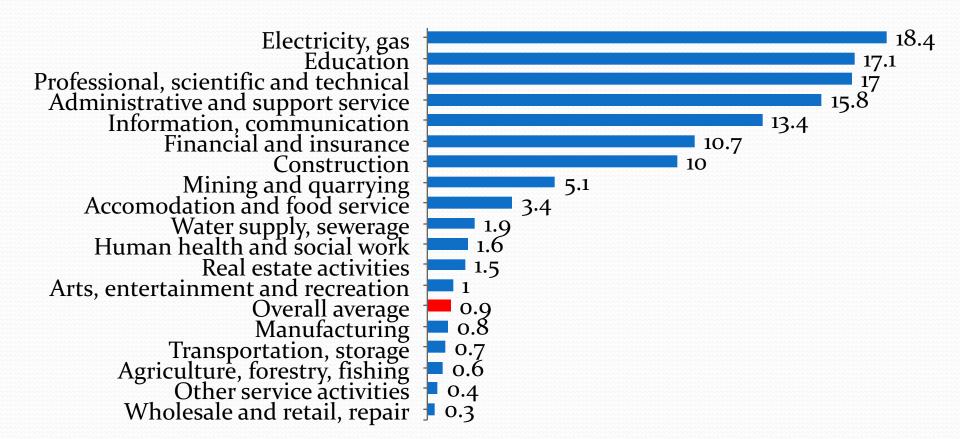
Source: World Bank, IFC (Ed.): Lao PDR Country Profile 2012. Enterprise Surveys. Washington, March 2013, p. 12...



Economic Units in Lao PDR and Use of Technology (II)

Contents

- Percentage of businesses that use the internet, Dec. 2006 -



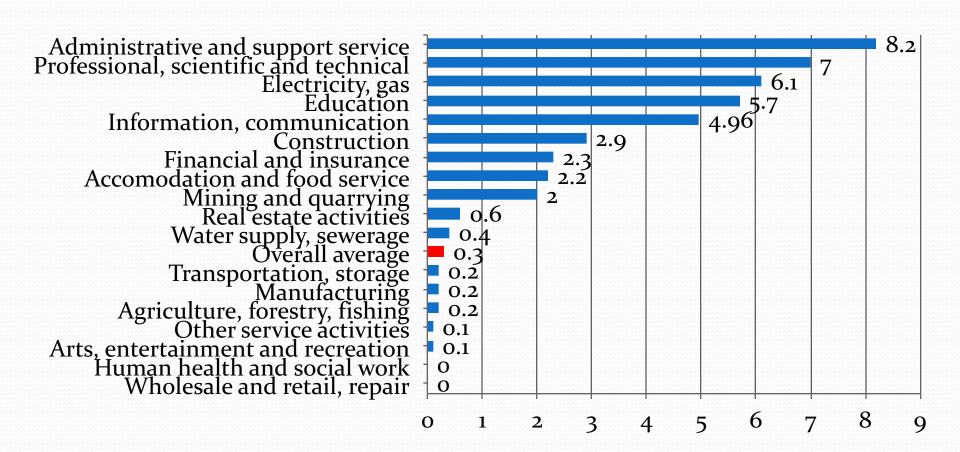
Source: The Steering Committee on Economic Census (Ed.): Report of Economic Census, 2006 Volume 1, Vientiane 2007, p. 21



Economic Units in Lao PDR and Use of Technology (III)

Contents

- Percentage of businesses that use an own website, Dec. 2006 -



Source: The Steering Committee on Economic Census (Ed.): Report of Economic Census, 2006 Volume 1, Vientiane 2007, p. 21



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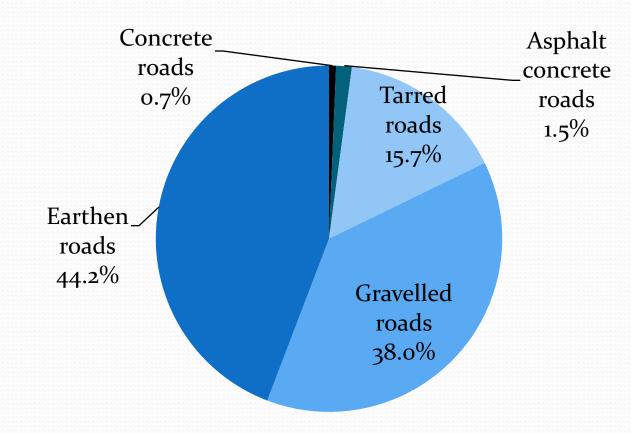
Infrastructure



Road Infrastructure (2015)

Contents

Total length of road network: 56,331 km



Source: Ministry of Planning and Investment, Lao Department of Statistics (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 105.

Updated on March 22nd 2017



Contents

Railroads in Laos Full steam or out of puff?



Source: http://www.cargonewsasia.com/secured/article.aspx?article=30578
http://www.nytimes.com/2013/03/21/business/global/thai-cabinet-backs-plan-for-ports-and-rail-lines.html? r=o as of 21/05/2013, various other reports



Ambivalence of OBOR for the Lao PDR

Contents

- Railway project of 6.7bn USD (Lao GDP 2017: approx. 17bn USD) 1/3 is covered by a Lao-China Joint Venture to which Lao 700m USD (of which 480m is a Chinese loan, the rest comes from the state budget; parts of the whole deal and the collateral concessions are secret
- Pro:
 - Increasing Chinese investment
 - Increasing connectivity
 - The number of Chinese visitors to Laos increased 2017 by 17% to 639.000

Con:

- Risk of debt trap towards China and sovereignty-eroding concessions
- Risk of uncontrolled migration
- Crowding-out of non-Chinese investors through extraordinary cheap loans from Chinese state owned banks to Chinese companies, leading to unfair competition
- According to GTAI about 80% of OBOR related projects financed by Chinese banks have gone to Chinese companies
- Structural risk of getting in a very close Chinese orbit with high dependency



Water price in Vientiane

Contents

(LAK per m³)

Customer	Monthly usage in m ³	2014	2015	2016	2017	2018
Private household	≤10	1300	1339	1379	1434	1560
Private household	11 - 30	1800	1854	1910	1986	2085
Private household	31 - 50	2300	2369	2420	2538	2665
Private Household	>50	2300	2884	2970	3089	3244
Govt. and int'l. organizations, embassies		2300	2369	2240	2538	2665
Business and trade		2800	2884	2971	3089	3244

Source: Vientiane Times, J&C Expat Service



Electricity Rates from EdL

Contents

(low voltage, LAK per kWh)

Customer	2011	2012 (June)	2013	2014	2015	2016	2017
Residential, o - 25 kWh	269	303	328	334	341	348	355
Residential, 26 – 150 kWh	320	360	390	398	405	414	422
Residential, > 150 kWh	773	870	941	960	979	999	1019
Int'l. organization, embassies	1077	1212	1312	1338	1365	1392	1420
Service business, temporary	835	940	1017	1037	1058	1079	1101
Education business, sports		738	799	815	831	848	865
Entertainment business	1106	1245	1347	1374	1401	1429	1458
Govt. organizations	656	738	799	815	831	848	865
Agriculture, irrigation	399	449	486	496	506	516	526
Industries	591	665	720	734	749	764	779

Source: Electricité du Laos

Updated on November 27, 2014



Electricity Rates from EdL

Contents

(medium and high voltage, LAK per kWh)

Customer	2011	2012 (June)	2013	2014	2015	2016	2017
Medium voltage							
Service business, temporary	709	798	864	881	898	916	935
Education business, sports		627	678	692	706	720	734
Entertainment business		1183	1280	1305	1331	1358	1385
Govt. organizations	557	627	678	692	706	720	734
Agriculture, irrigation	340	383	414	422	431	439	448
Industries (under 5 MW)	502	565	611	624	636	649	662
Industries (over 5 MW)		647	660	673	687	700	714
High voltage	647	647	660	673	687	700	714

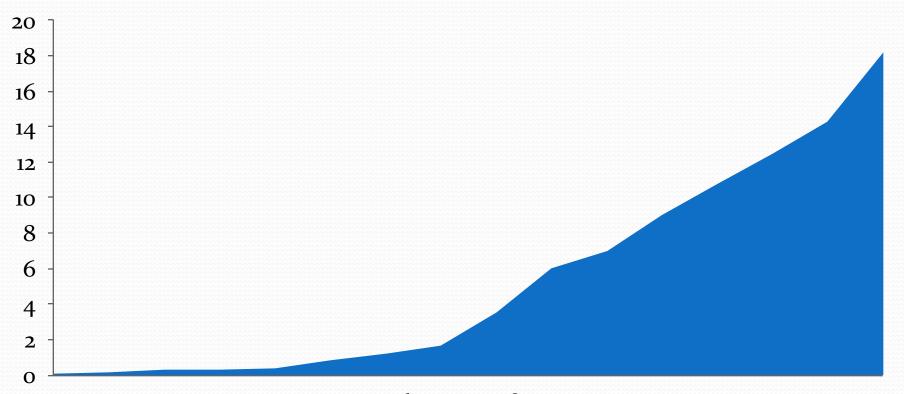
Source: Electricité du Laos

Updated on November 27, 2014



Percentage of individuals in Laos using the internet

Contents

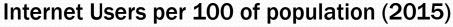


2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015

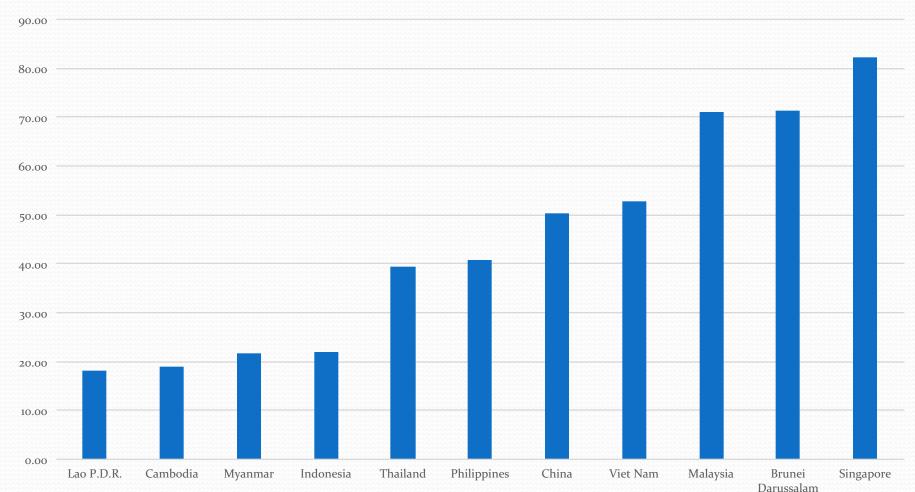
Source http://www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx, 2016



Lao PDR charts and figures



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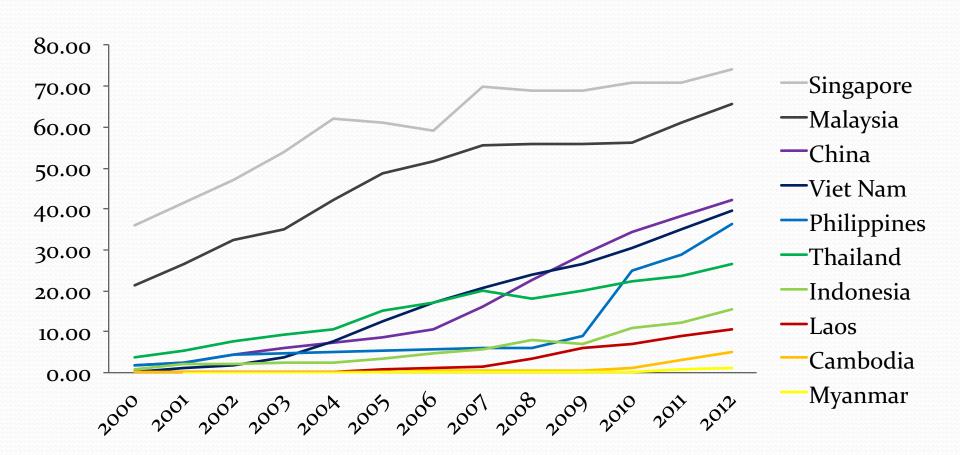
Source: http://www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx

Updated on February 24, 2014



Internet Users per 100 of population (2015)

Contents

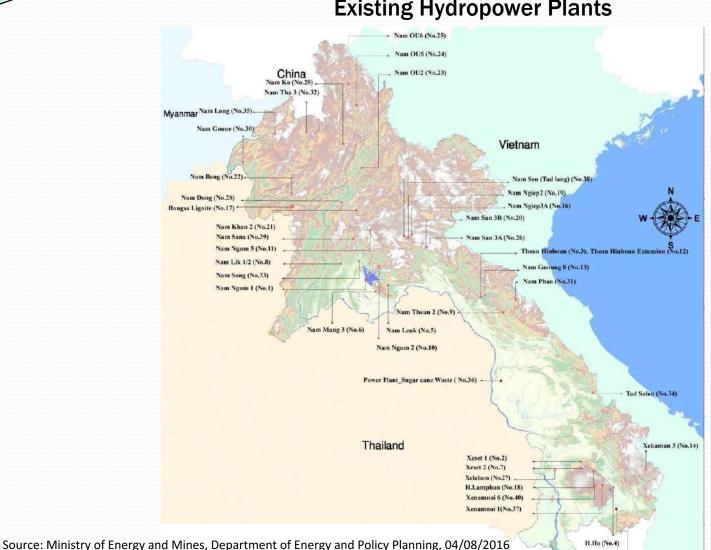


Source: http://www.itu.int/en/ITU-D/Statistics/Pages/stat/default.aspx

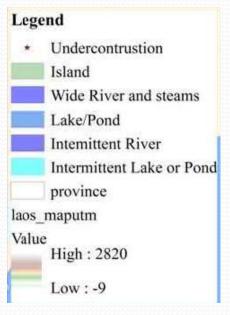




Existing Hydropower Plants



Contents



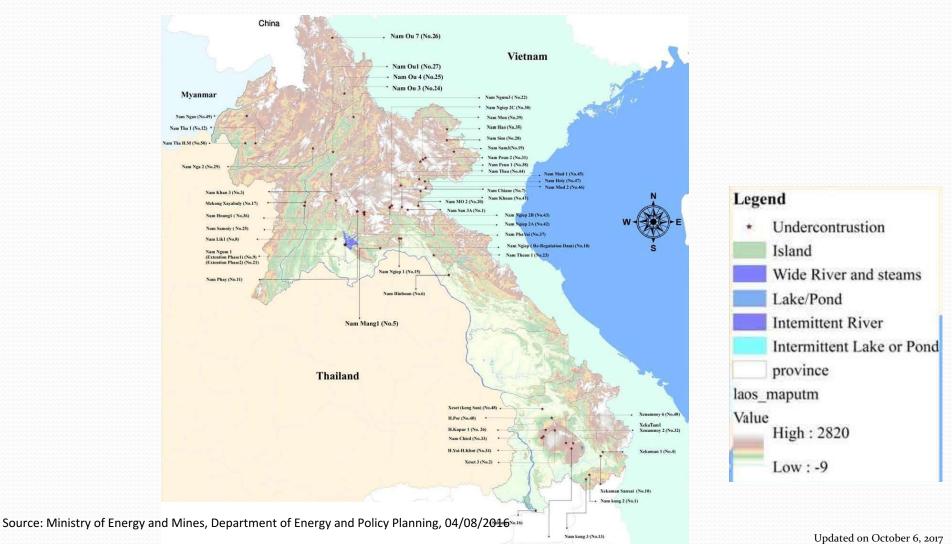
Updated on October 6, 2017

Power Plant_Sugar cane Waste (No.15)





Hydropower Projects under construction and expected to be completed before 2020ntents

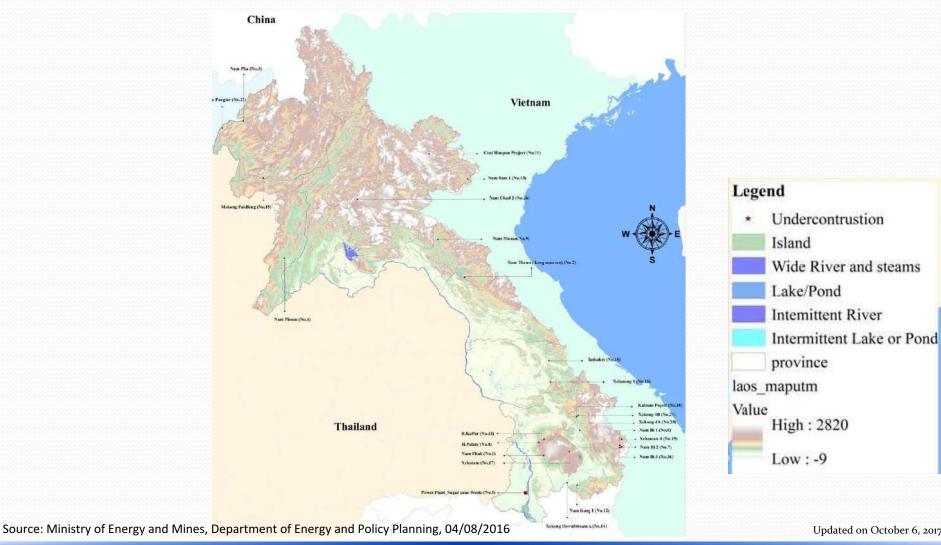






Hydropower Projects expected to be completed before 2025

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Updated on October 6, 2017



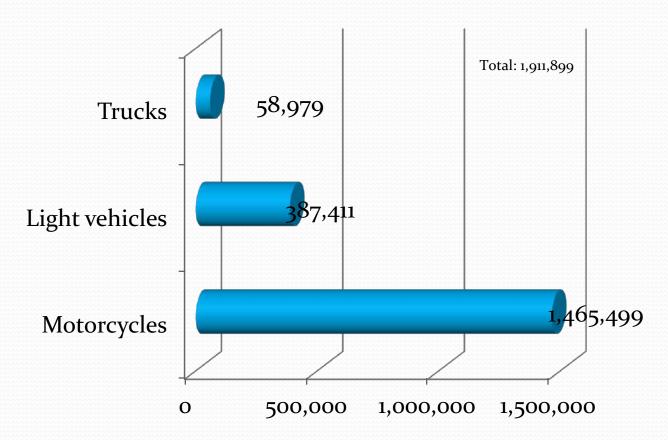
Contents

Vehicles in Lao PDR



Vehicles in Lao PDR 2017

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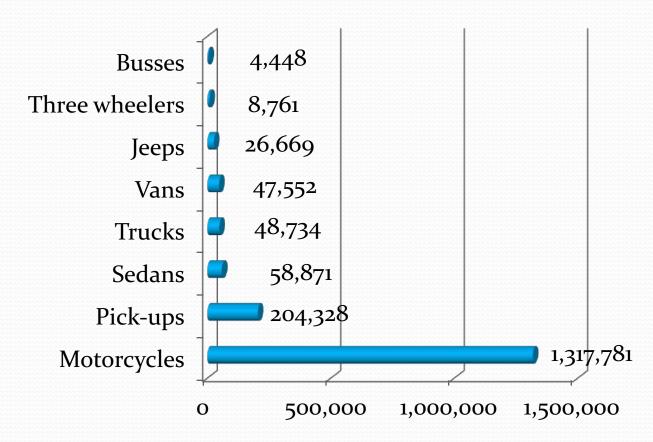


Updated on 14/09/2017



Vehicles in Lao PDR 2015

Contents

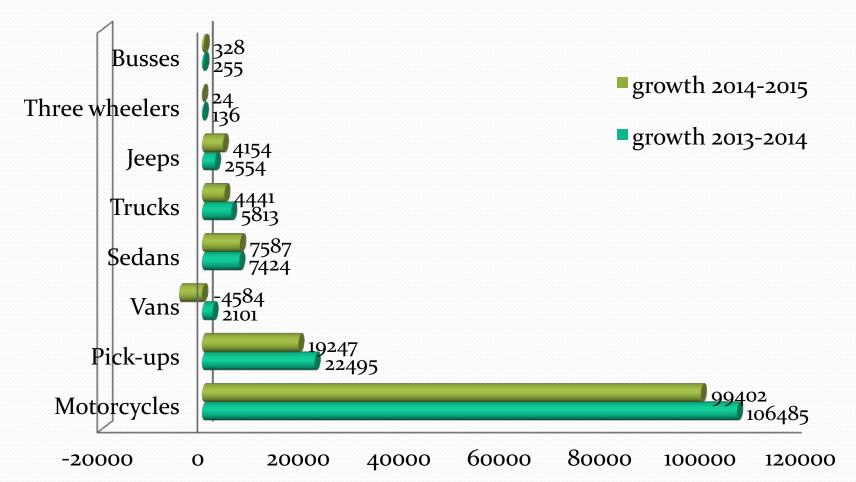


Updated on 20/03/2017



Growth of Vehicle Population in Lao PDR 2013-2015

Contents



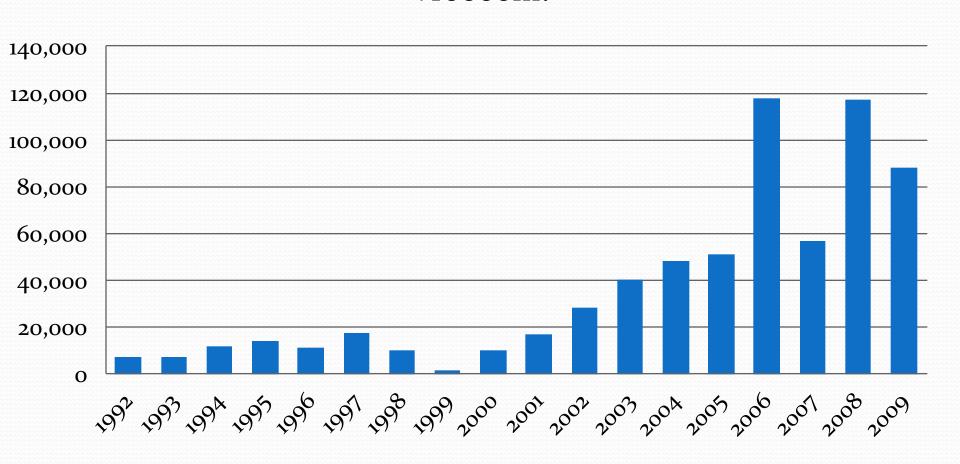
Updated on 20/03/20175

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 100. Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 105 Own calculations.



Registration of new motorbikes Vroooom!

Contents

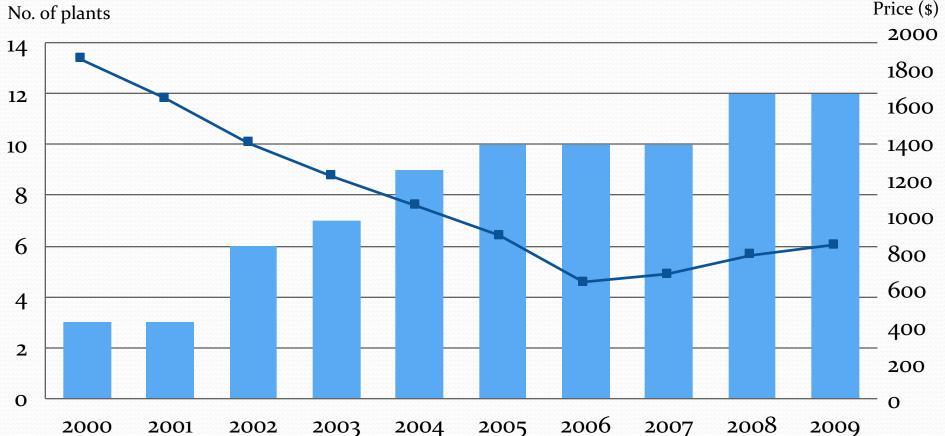


Source: Ministry of Public Works and Transport, here cited after: Leeber Leebouapao: Trade liberalization under ACFTA and its possible impacts on the Lao industries. w/o location, August 2010, p. 34



Motorcycle assembly plants and the average price of a Honda Wave 110 in Lao PDR



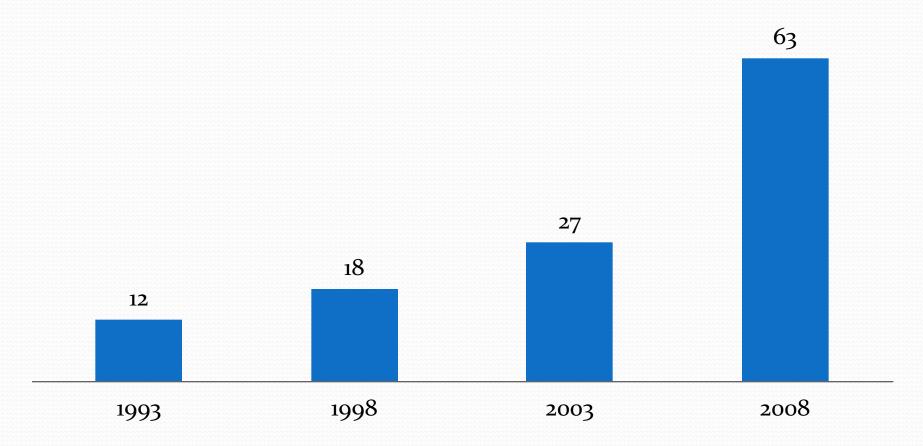


Source: Ministry of Public Works and Transport, here cited after: Leeber Leebouapao: Trade liberalization under ACFTA and its possible impacts on the Lao industries. w/o location, August 2010, p. 34.



Number of motorcycles per 100 households in Lao PDR

Contents

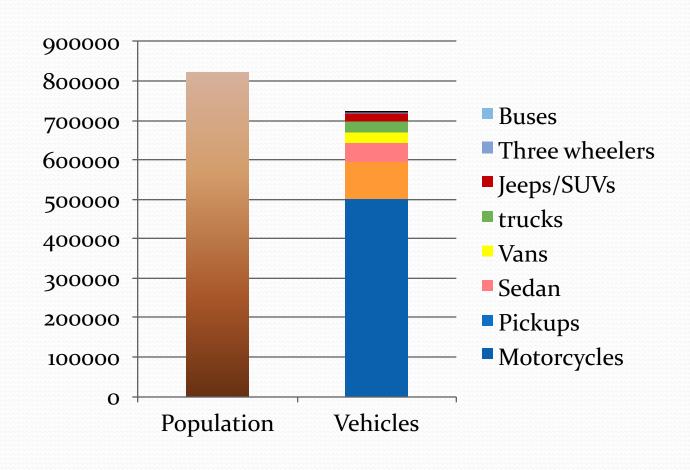


Source: Leeber Leebouapao: Trade liberalization under ACFTA and its possible impacts on the Lao industries. w/o location, August 2010, p. 35.



Population and vehicles in Vientiane in 2015

Contents



Vientiane has about 12.6% of the country's population but about 42% of the 1.7 m vehicles registered in Laos.

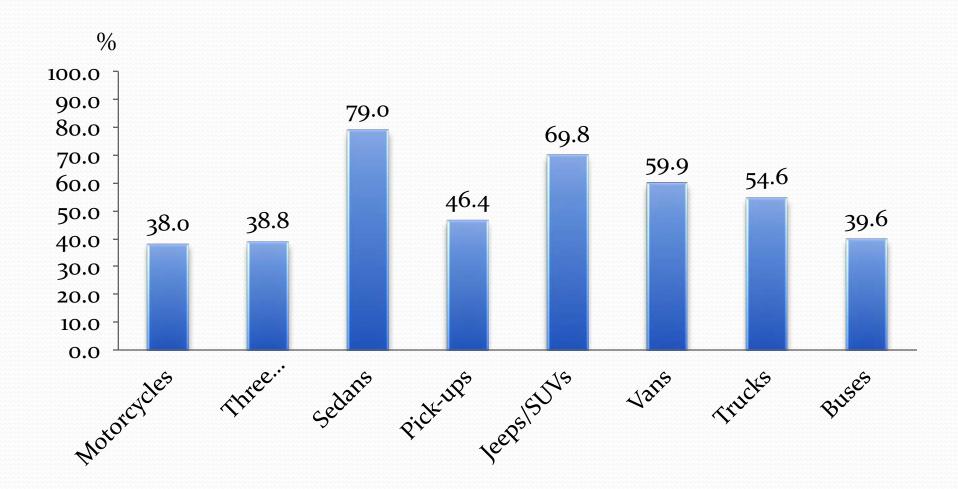
Updated on 20/03/2017

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2016. Vientiane 2016, p. 22, 106; own calculations



Share of Vientiane Capital in registered vehicles 2015

Contents



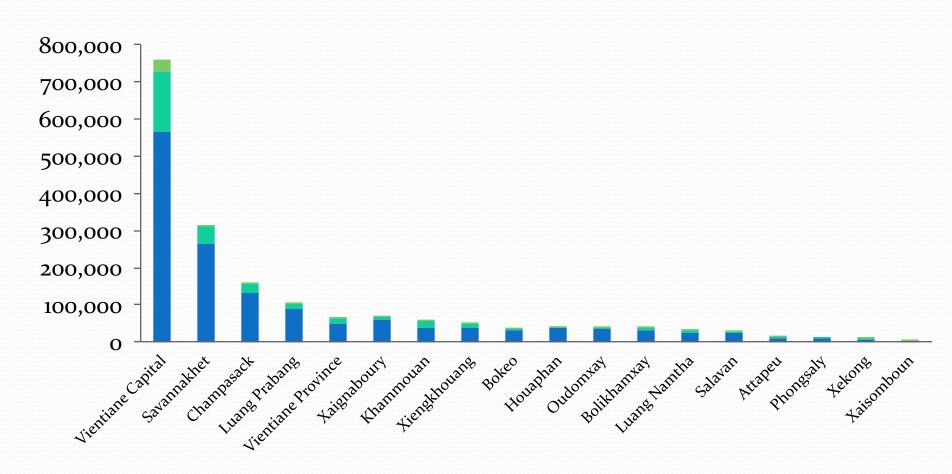
Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2016. Vientiane 2016, p. 22, 106; own calculations

Updated on 20/03/2017



Registered vehicles per province 2017

Contents

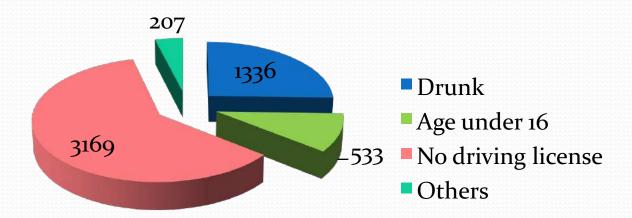


Updated on 14/09/2017

Source: N.A.: Drivers warned to register, maintain vehicles as traffic inspections accelerate. In: Vientiane Times, Sept. 14, 2017.



Vehicle accidents and respective police observation in Lao PDR Contents 2015



Updated on 22/03/2017

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 43.

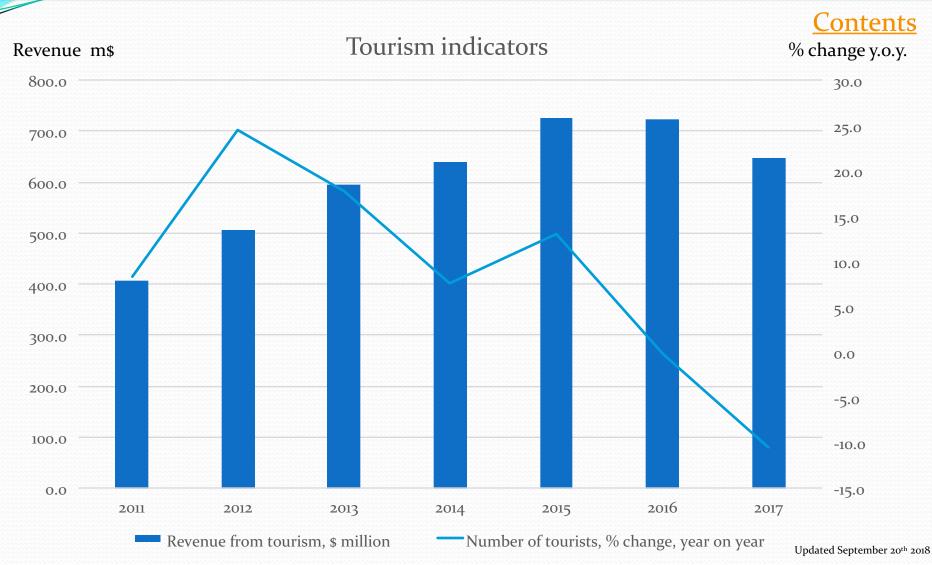


Contents

Tourism



Lao PDR charts and figures

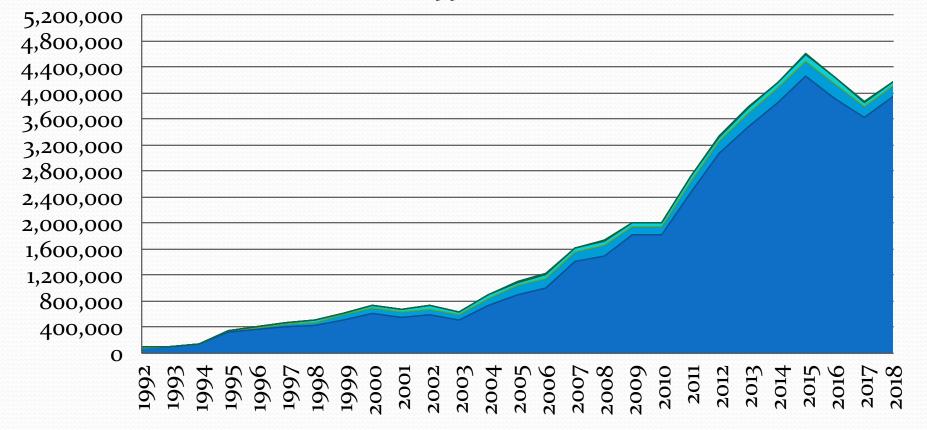


Source: Statistical Report on Tourism in Laos. Various years. Vientiane.



Lao PDR Tourist arrivals: Regional – International 1992-2018

Contents



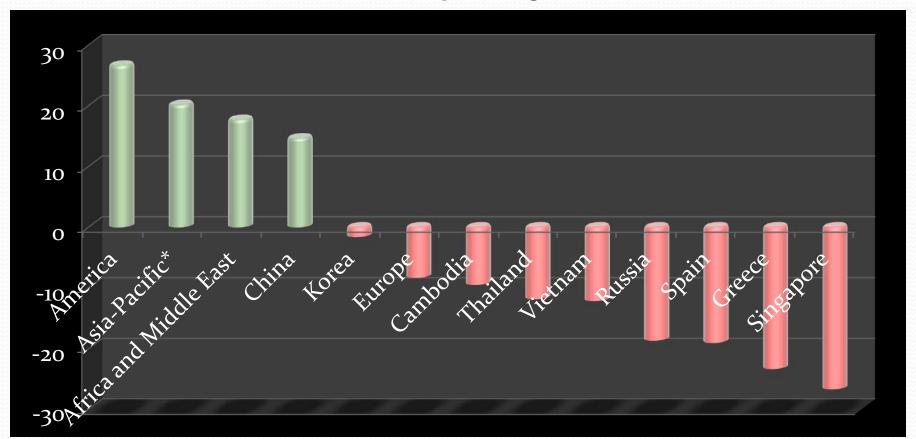
Asia and Pacific Europe The Americas Africa, Middle East
Source: Ministry of Information, Culture and Tourism (Ed.):Statistical Report on Tourism in Laos. Var. years. Vientiane.

Updated July 1st 2019

Source: Lao National Tourism Authority; Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook various years. Vientiane .p.



Lao PDR Tourist arrivals 2016-2017: Change in % of visitors Expression country of origin



^{*} Without countries that share a border with Laos.

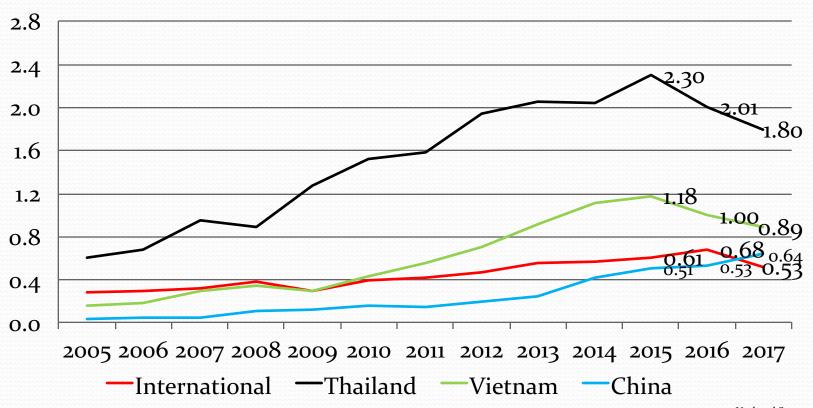
Updated September 20th 2018

Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Vientiane 20217, p.8.



Lao PDR Tourist arrivals in million people: Regional – International

Contents



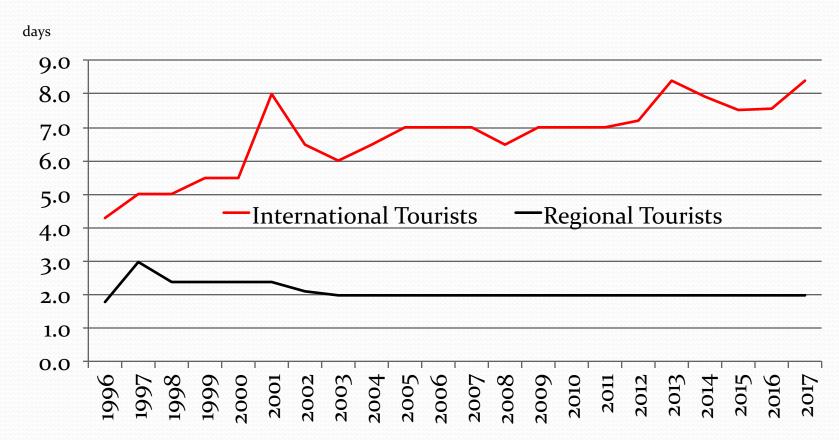
Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Var. years. Vientiane.

Updated September 20th 2018



Tourists in Laos – average length of stay

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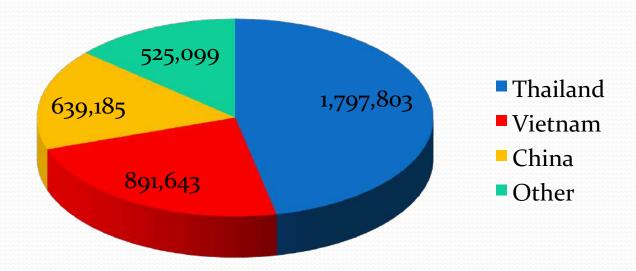
Updated September 20th 2018

Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Var. years. Vientiane.



Tourist arrivals in Laos 2017

Contents

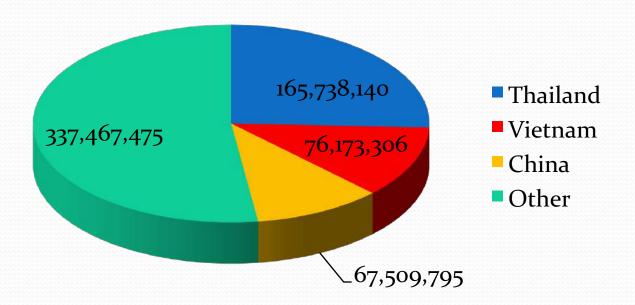


Updated September 20th 2018

Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Vientiane 20217, p. 10.



Tourist expenditures in Laos 2017 by country of origin

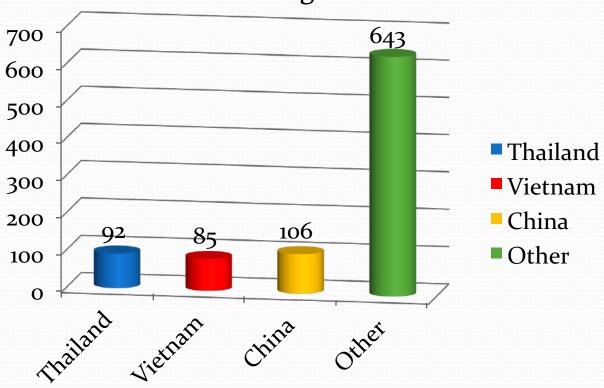


Updated September 20th 2018

Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Vientiane 20217, p. 10.



Tourist expenditures per tourist in Laos 2017 in US \$ by country of tents origin



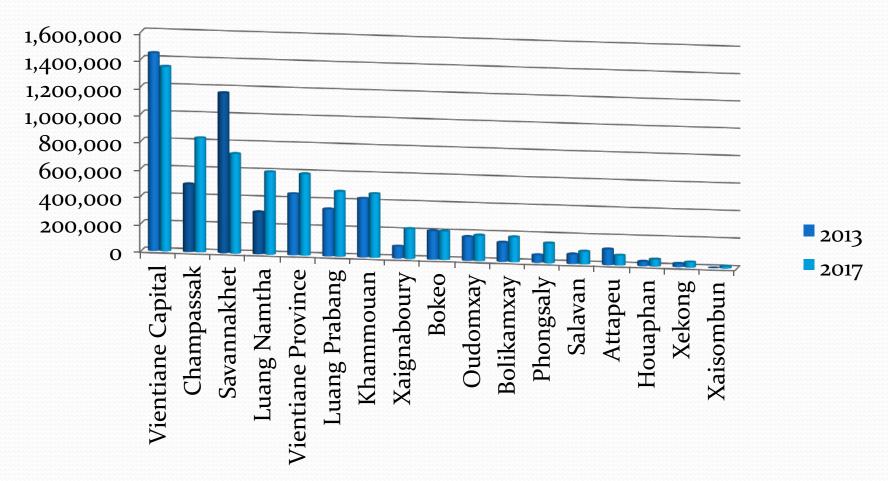
Updated September 20th 2018

Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Vientiane 20217, p. 10.



International visitors by province 2013 and 2017

Contents



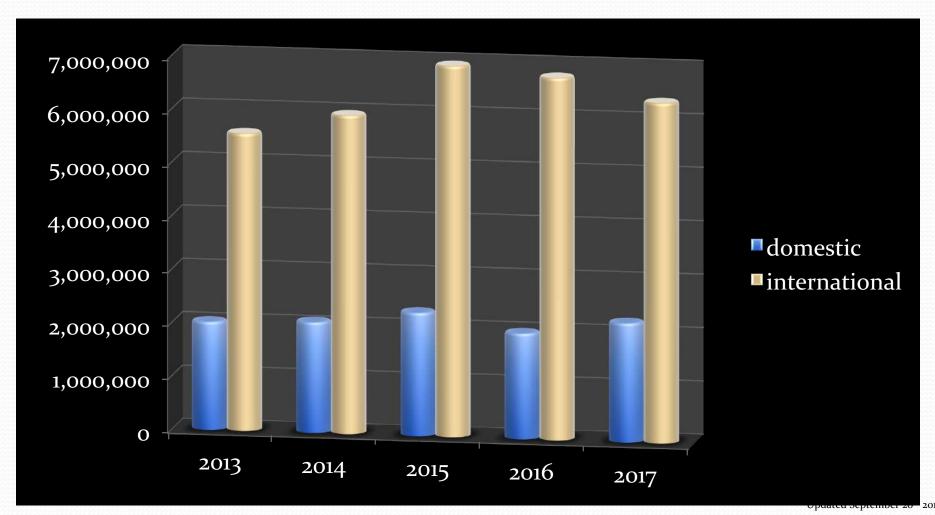
Updated September 20th 2018

Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Vientiane 20217, p. 23.



Domestic tourists and international tourists in Laos

Contents

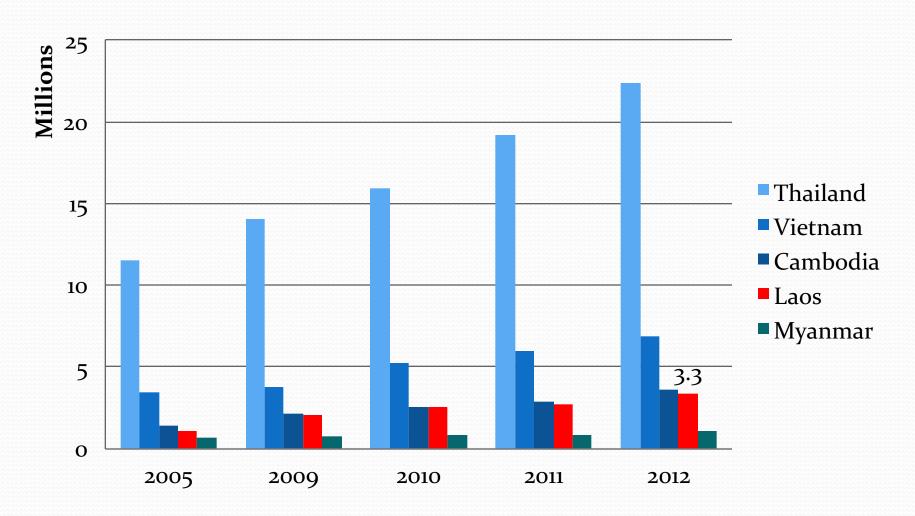


Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Vientiane 20217, p. 23.



Tourist arrivals in the Greater Mekong Subregion

Contents



Source: Lao National Tourism Authority / GIZ Laos



Lao PDR: Revenue from tourism in mln. US \$

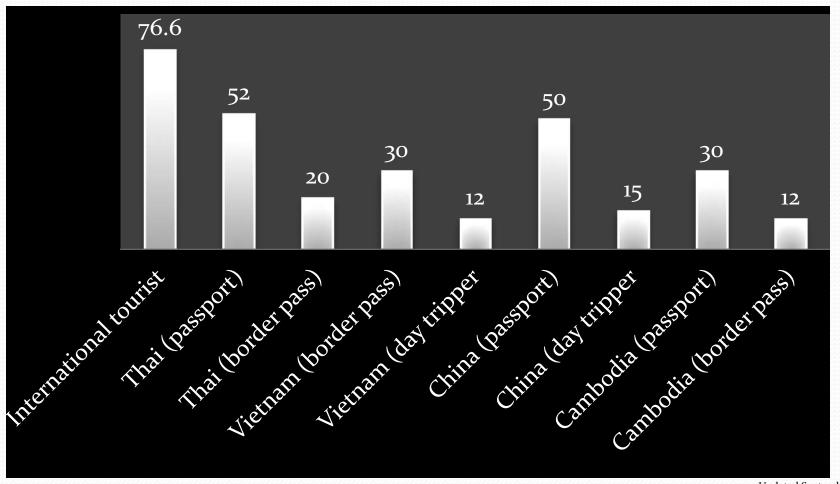
Contents



Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Var. years. Vientiane.



Average expenditure per tourist and day, per category 2017



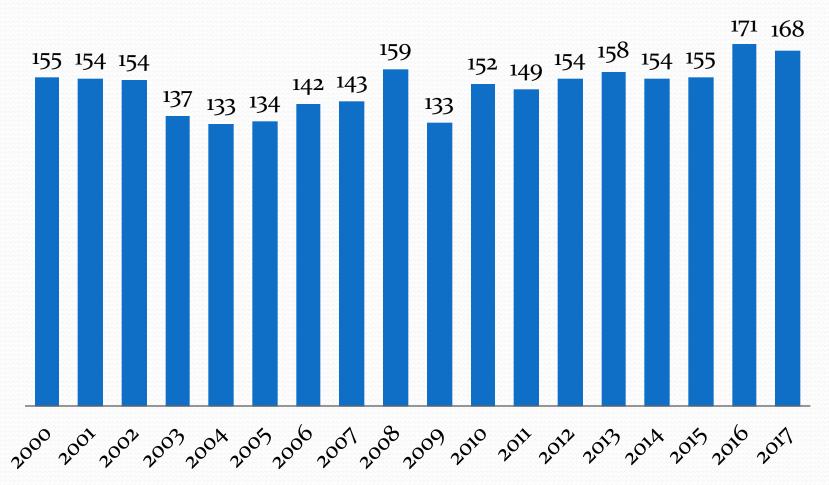
Updated September 20th 2018

Source: Ministry of Information, Culture and Tourism (Ed.): Statistical Report on Tourism in Laos. Vientiane 2017, p. 11.



Lao PDR: Revenue per tourist in US \$

Contents



Source: Lao National Tourism Authority, own calculations

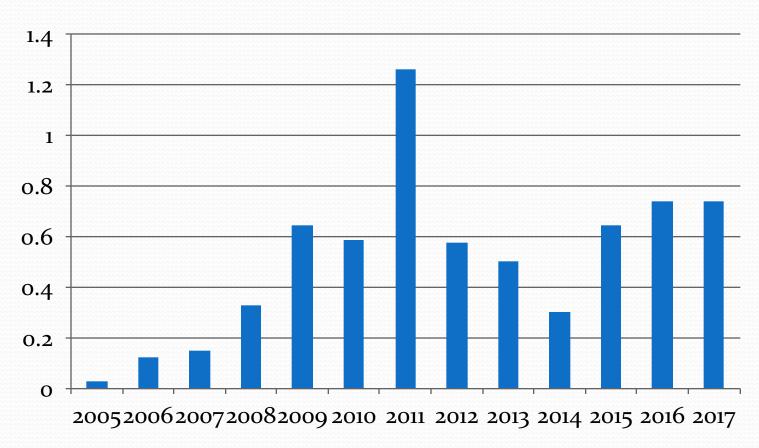
Updated September 20th 2018



Remittances



Total remittances as % of GDP

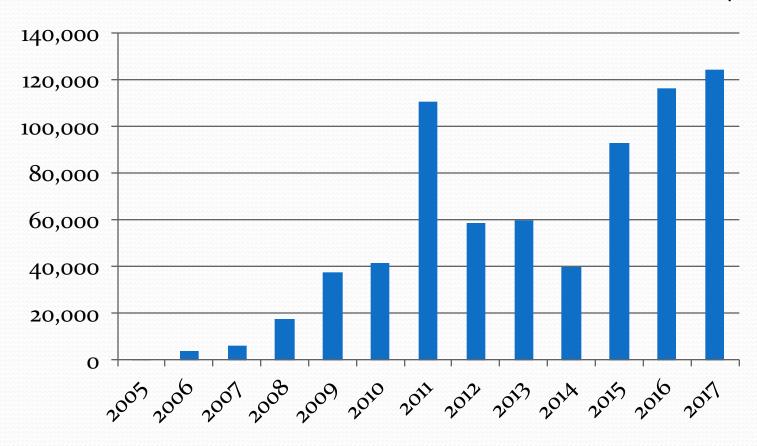


Updated on January 14th 2019

Source: World Bank: https://data.worldbank.org/country/lao-pdr?view=chart as of 14/01/2019



Personal remittances received in current 1000 US \$

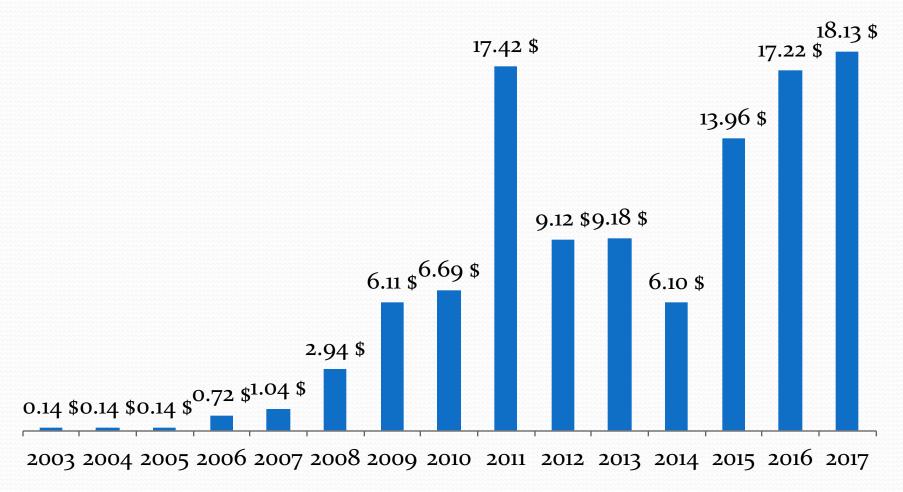


Updated on January 14th 2019

Source: World Bank: https://data.worldbank.org/country/lao-pdr?view=chart as of 14/01/2019



Personal remittances received per capita in US \$

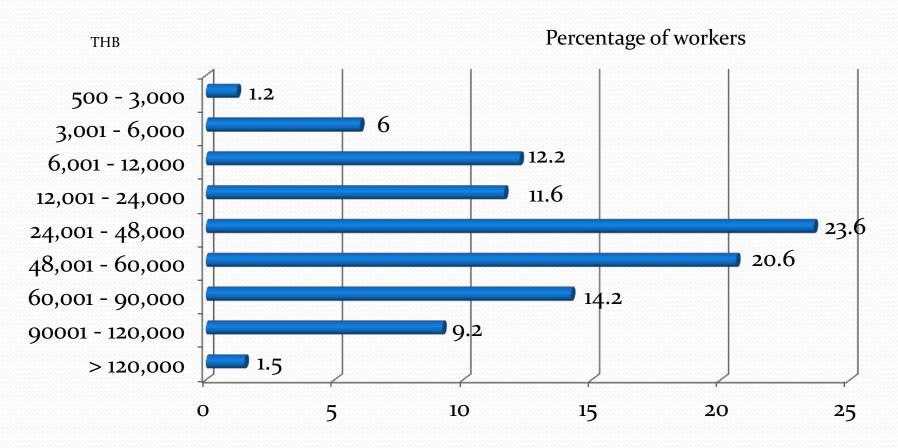


Source: http://data.worldbank.org/indicator/SP.POP.TOTL?page=1 and http://data.worldbank.org/indicator/SP.POP.TOTL?page=1 and http://data.worldbank.org/indicator/SP.POP.TOTL?page=1 and http://data.worldbank.org/indicator/SP.POP.TOTL?page=1 and http://data.worldbank.org/indicator/BX.TRF.PWKR.CD.DT/countries-as-of-May-21, 2018; own calculations. Updated on May 22, 2018



Remittances of Lao migrant workers in Thailand

Contents



Updated on June 6th 2017

Source: International Organization for Migration, Country Mission Thailand (Ed.): Assessing potential changes in the migration patterns of Laotian migrants and their impacts on Thailand and Lao People's Democratic Republic. Bangkok 2016 p. 25.



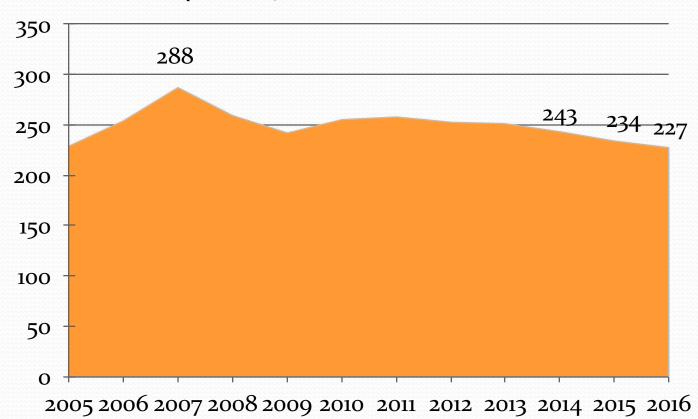
3) Finance and trade



Exchange Rates



Exchange rate LAK: THB LAK per Baht, 2005 - 2016

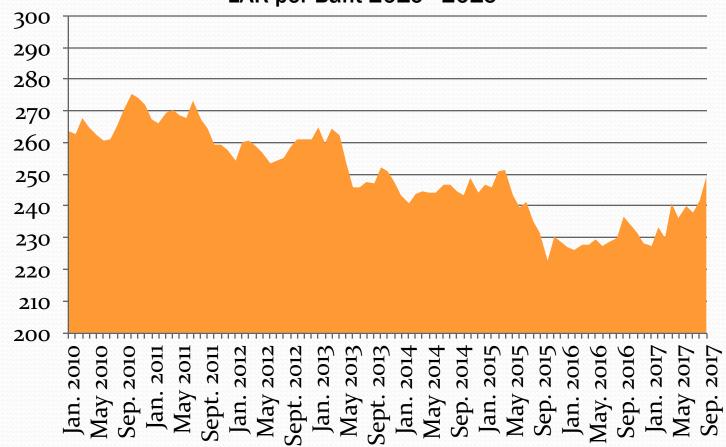


Updated on November 5th, 2016

Source: OANDA, EU



Exchange rate LAK: THB LAK per Baht 2010 - 2016



Source: OANDA, EU

Updated on June 6th 2017



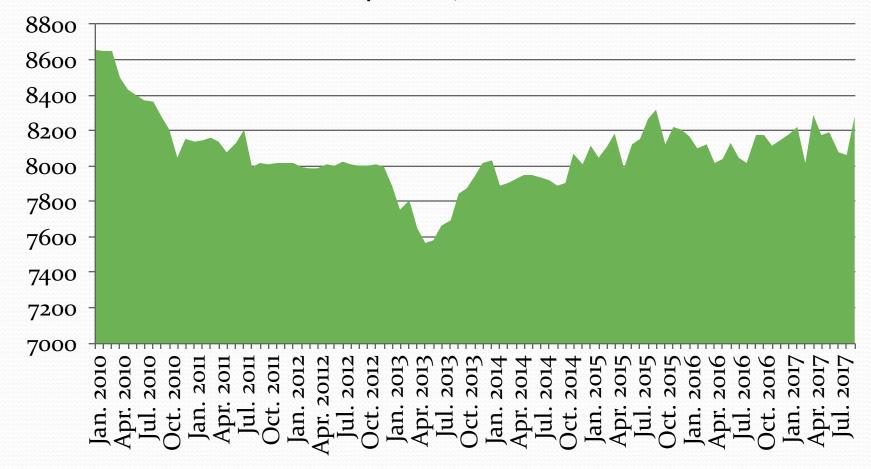
Exchange rate LAK: USD LAK per USD, 2005 - 2016



Updated on November 5th, 2016



Exchange rate LAK: US \$ LAK per US \$, 2010 - 2016

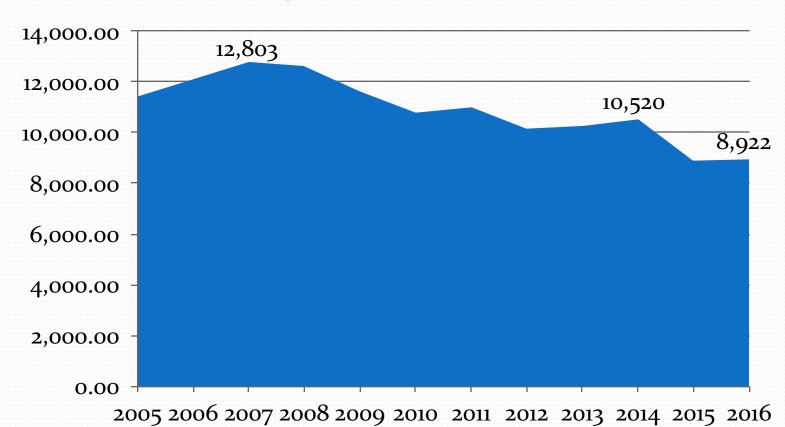


Updated on June 6th 2017

Source: OANDA, EU

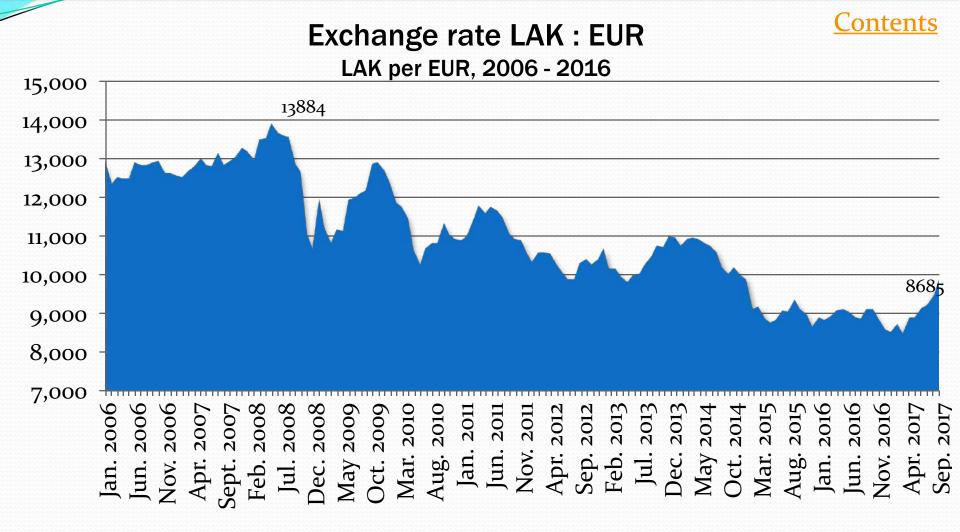


Exchange rate LAK: EUR LAK per EUR, 2005 - 2016



Updated on November 5th, 2016





Updated on June 6th 2017

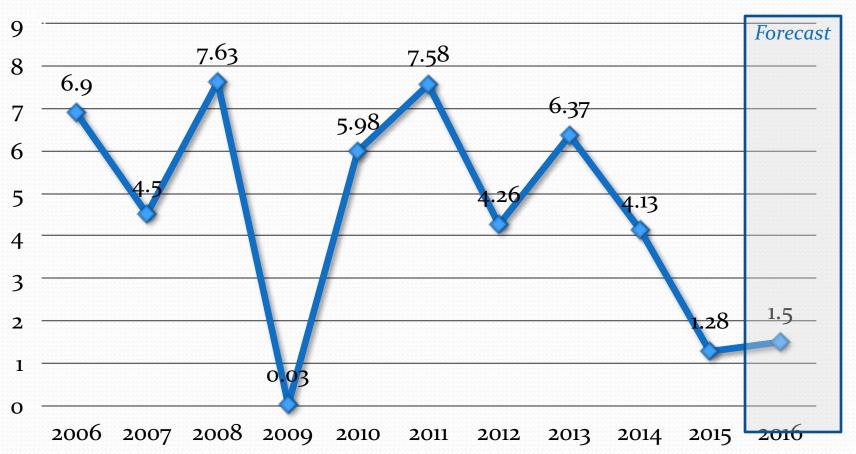


Inflation



Headline inflation (% annual average)

Contents

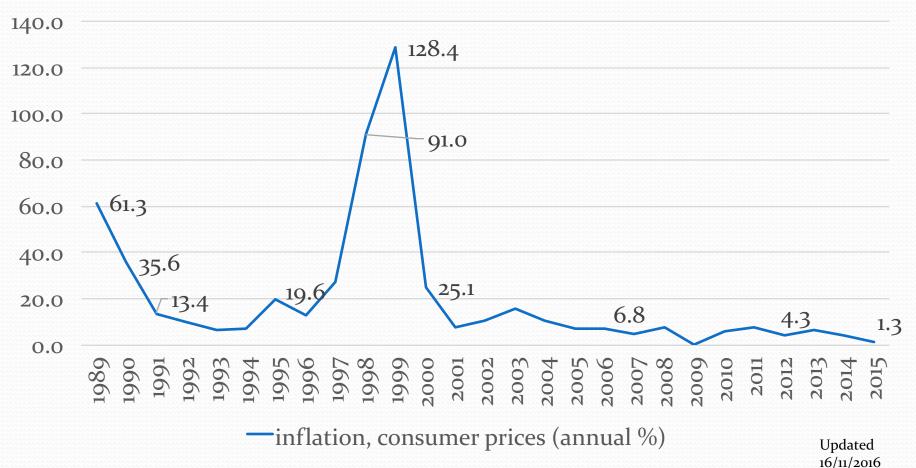


Updated 23/03/2017

Source: The World Bank (Ed.): Robust Growth Amidst Inflationary Concerns. Lao PDR Economic Monitor, May 2011 Update, Vientiane, May 2010, p. 6. World Bank (Ed.): Lao PDR Economic Monitor, Dec. 2012 update. Vientiane 2012, p. 5; http://databank.worldbank.org/ as of Sept. 13, 2015; Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.61.







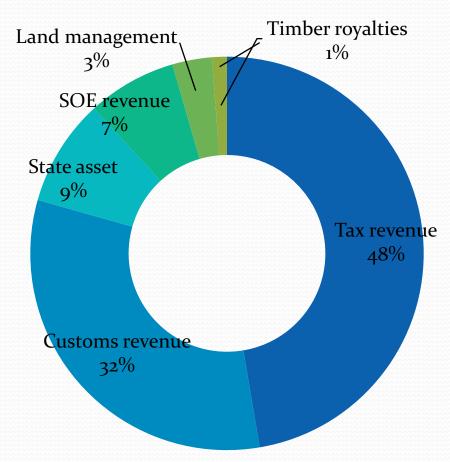


Budgets, Investment and Five Year Socio-Economic Development Plan



State Budget Revenue Plan for the Fiscal Year 2009-2010

Contents



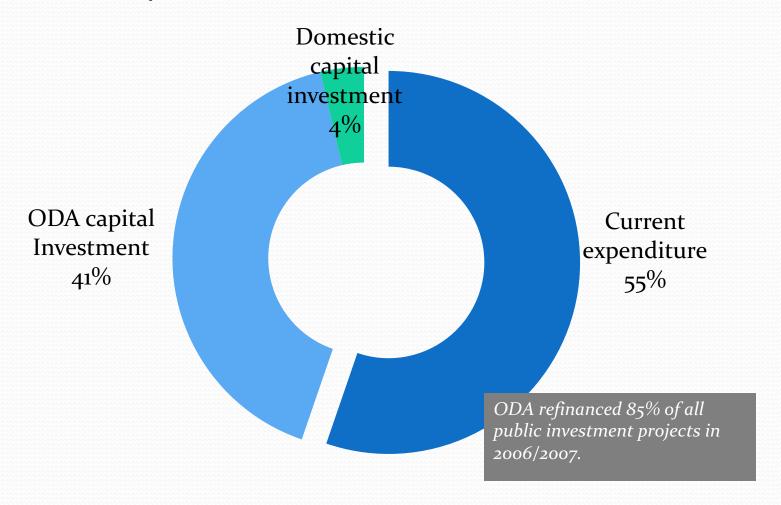
Total revenue: 8,115,761.40 mln. LAK

Source: State Budget Plan for the Fiscal Year 2009-2010 "as adopted by the 7th ordinary session of the National Assembly, legislature VI, dated July 09, 2009. In : Official Gazette, Vientiane Capital, March 2010, p. 1.



Public Expenditure, Public Investment and ODA 2006&2007

Contents

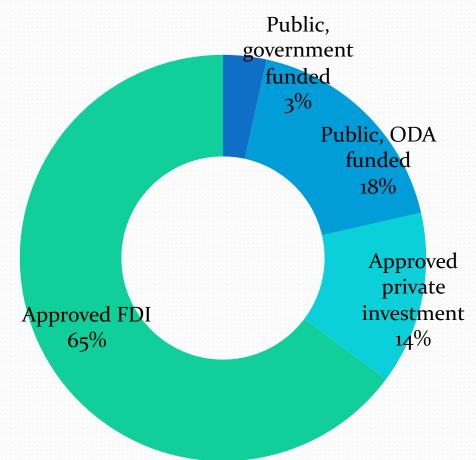


Source: Ministry of Planning and Investment (Ed.): Background Document. Achievements, Challenges and Future Direction within the Implementation of the National Strategies and Policies. Vientiane 2008, p.8



Investments in Lao PDR 2005-2009 in USD*

Contents

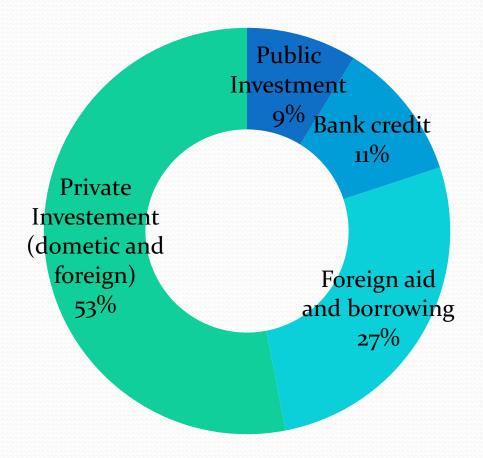


^{*}Based on constant exchange rate of 9356 LAK for 1 USD, which is the average between the rate of 10,242 LAK per USD in 2005 and 8470 LAK per USD in 2009

Source: Own calculations, based on: The Seventh National Socio-Economic Development Plan (2011-2015). "Draft". Executive Summary. Unofficioal [sic!] translation from original Lao version. Vientiane, without date, p. 2



Investment requirement during 7th NSEDP (2011-2015 in Lao PDR in Usents if Lao GDP is to grow by at least 8% annually; approximate figures)

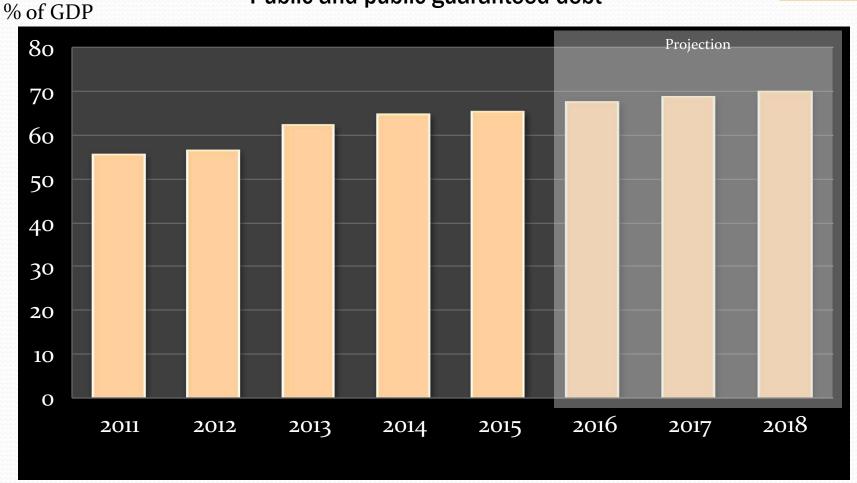


Source: Ministry of Planning and Investment



Public and public guaranteed debt

Contents



Updated on 31/05/2017

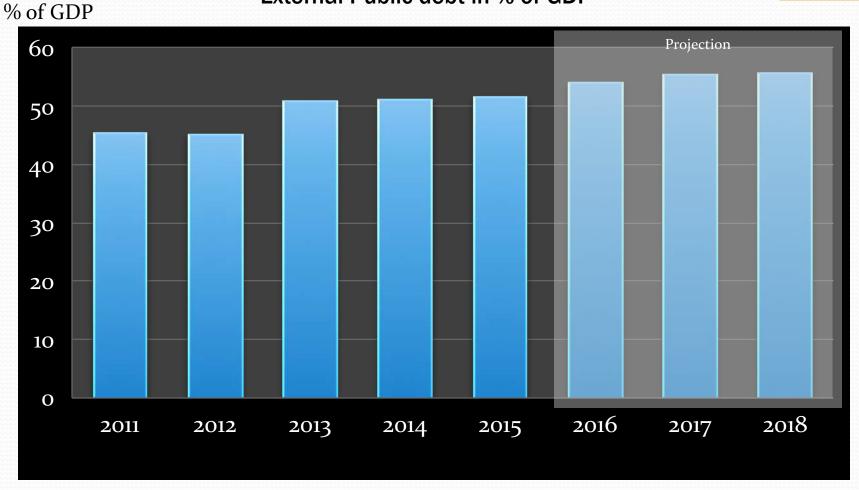
Source: International Monetary Fund (Ed.): Lao People's Democratic Republic. 2016 Article IV consultation. IMF Country Report no. 17/53. Washington 2017, p. 4.



Lao PDR charts and figures

External Public debt in % of GDP

Contents



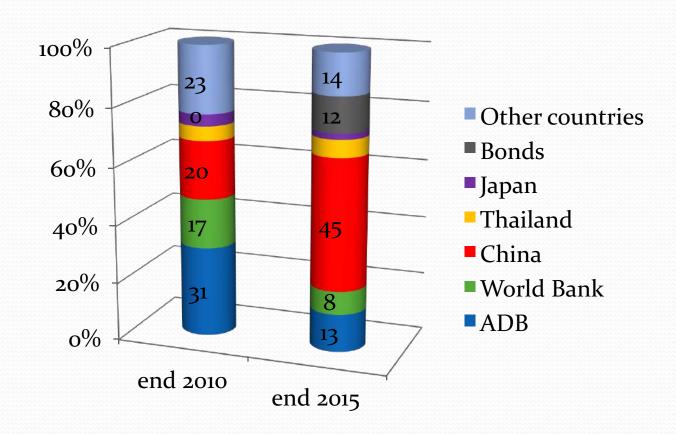
Updated on 31/05/2017

Source: International Monetary Fund (Ed.): Lao People's Democratic Republic. 2016 Article IV consultation. IMF Country Report no. 17/53. Washington 2017, p. 4.



Outstanding debt (% share)

Contents

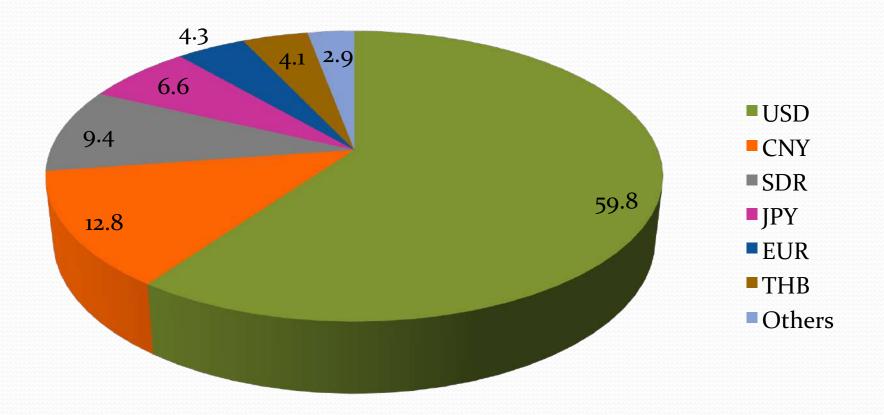


Updated on 06/06/2017

Source: World Bank Group (Ed.): Challenges in promoting more inclusive growth and shared prosperity. Lao Economic Monitor. Vientiane, Washington 2017, p.



Currency composition of external public and publicly guaranteed debt (end 2015)



Updated 06/06/2017

Source: The World Bank (Ed.): Challenges in promoting more inclusive growth and shared prosperity. Lao PDR Economic Monitor, April 2017. New York, Vientiane, p. 26.

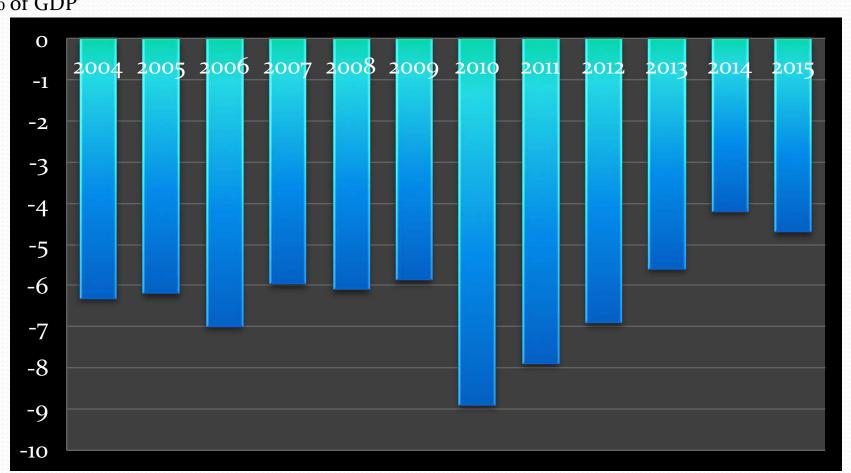


Lao PDR charts and figures

Government budget

Contents

% of GDP



Updated 31/05/2017

Source: http://fr.tradingeconomics.com/laos/government-budget; Bank of Lao PDR.

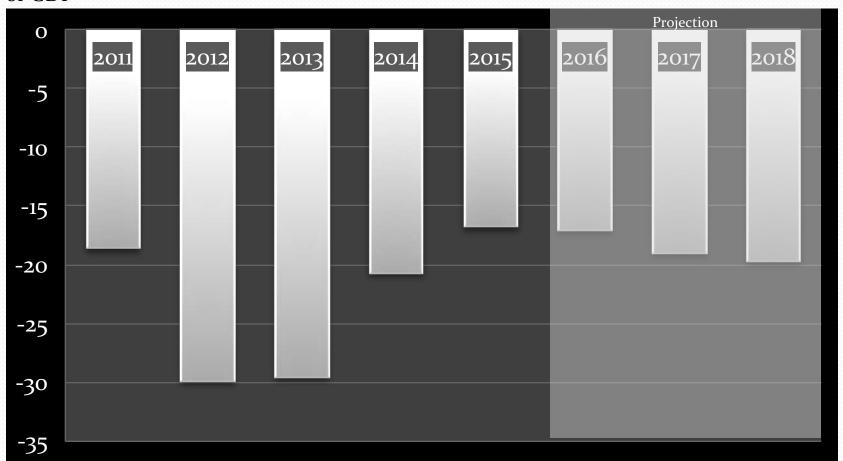


Lao PDR charts and figures

Current account balance in % of GDP

Contents

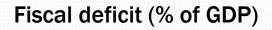
% of GDP

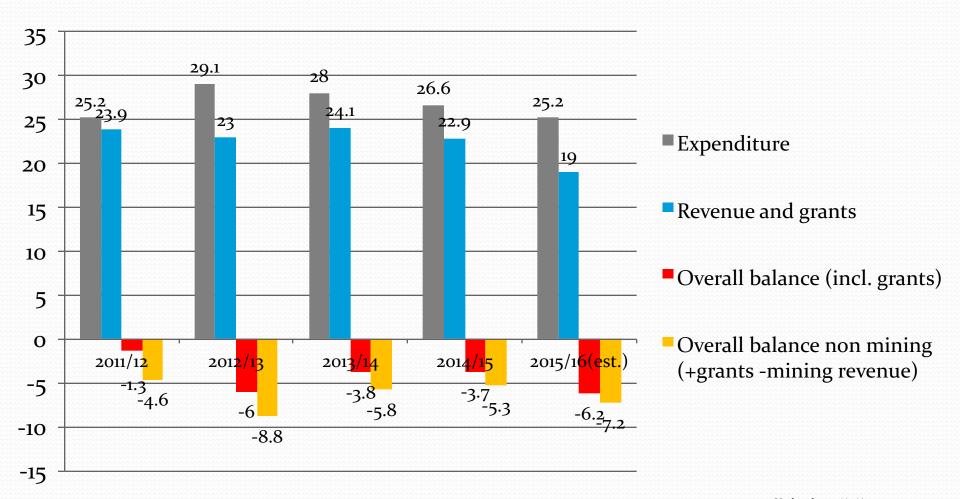


Updated on 31/05/2017

Source: International Monetary Fund (Ed.): Lao People's Democratic Republic. 2016 Article IV consultation. IMF Country Report no. 17/53. Washington 2017, p. 4.





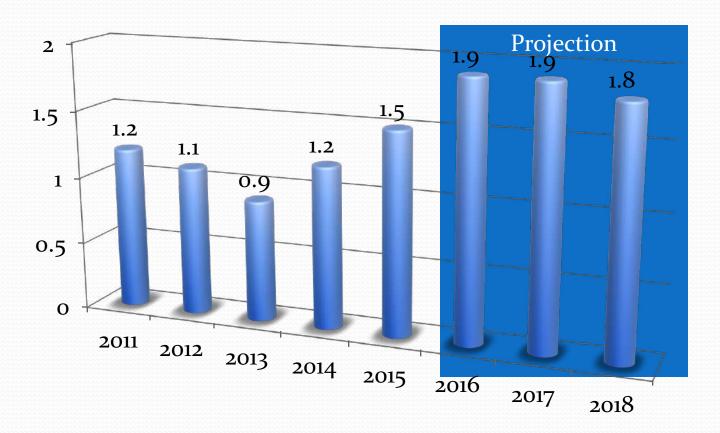


Updated on 06/06/2017

Source: World Bank Group (Ed.): Challenges in promoting more inclusive growth and shared prosperity. Lao Economic Monitor. Vientiane, Washington 2017, p.



Gross official reserves in months of prospective goods and service importents



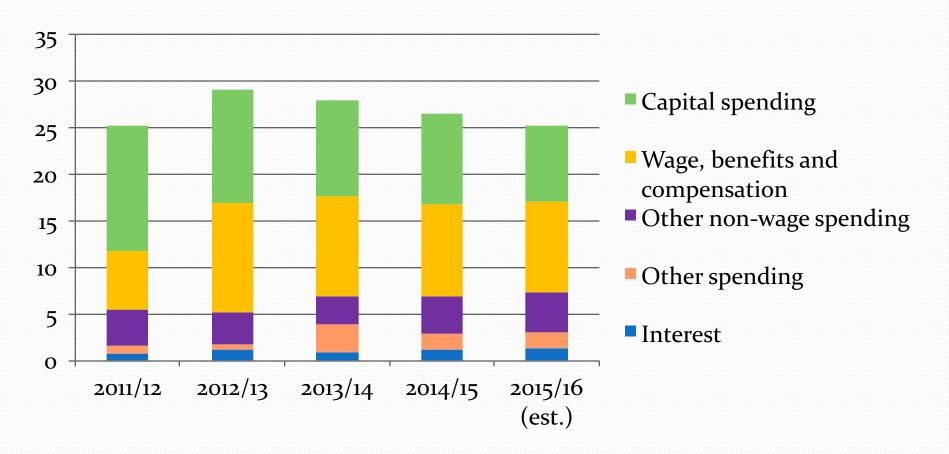
Updated on 31/05/2017

Source: International Monetary Fund (Ed.): Lao People's Democratic Republic. 2016 Article IV consultation. IMF Country Report no. 17/53. Washington 2017, p. 4.



Public expenditure (Percent of GDP)

Contents



Updated 06/06/2017

Source: The World Bank (Ed.): Challenges in promoting more inclusive growth and shared prosperity. Lao PDR Economic Monitor, April 2017. New York, Vientiane, p. 22.

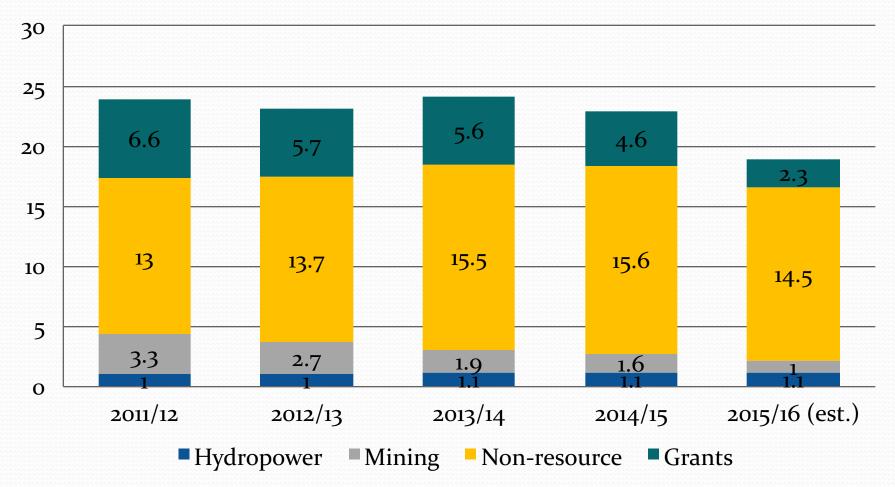


Financing



Total Government Revenue (Percent of GDP)

Contents



Updated o6/o6/2017

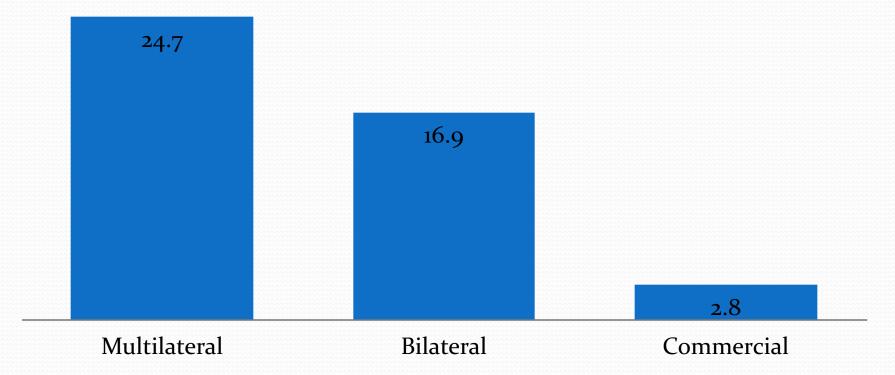
Source: The World Bank (Ed.): Challenges in promoting more inclusive growth and shared prosperity. Lao PDR Economic Monitor, April 2017. New York, Vientiane, p. 22.



Public and publicly guaranteed debt, end of 2011 (% of GDP)

Contents

Total: 3.7 bln. USD



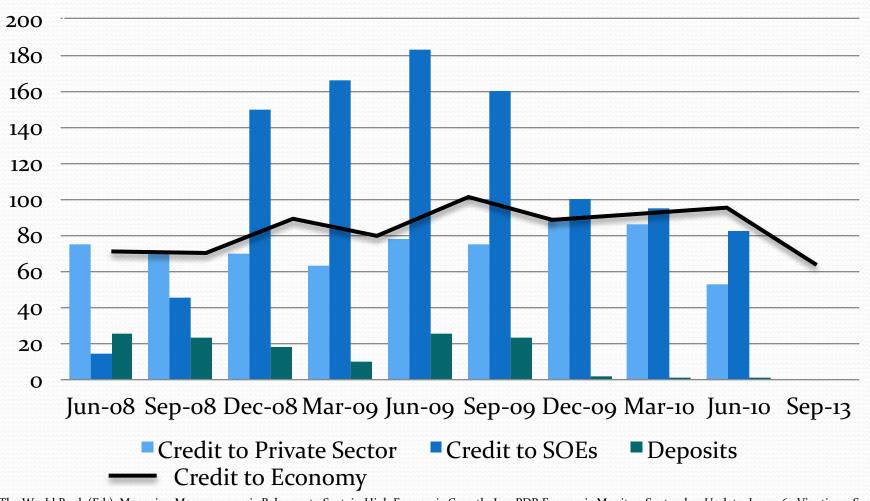
Updated 19?05?2013

Source: The World Bank (Ed.): Tightening Demand to Maintain Macroeconomic Balance. Lao PDR Economic Monitor, November 2012. Vientiane, November 2012, p. 8.



Credit Growth (y-o-y change in %)

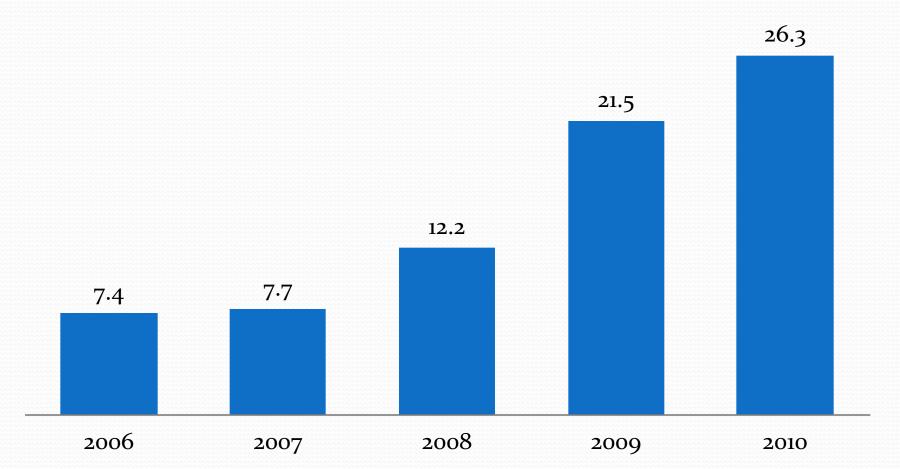
Contents



Source: The World Bank (Ed.): Managing Macroeconomic Balances to Sustain High Economic Growth. Lao PDR Economic Monitor, September Update, Issue 16, Vientiane, Sept. 2010, p.9.





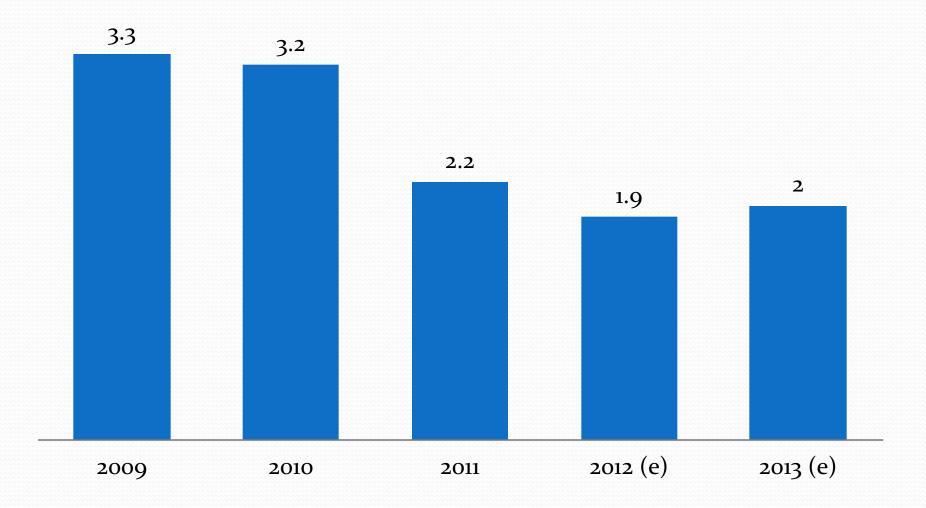


Source: The World Bank (Ed.): Robust Growth Amidst Inflationary Concerns. Lao PDR Economic Monitor, May 2011 Update, Vientiane, May 2011, p. 13 no new data available in oct.2016



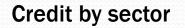
Foreign Exchange Reserves – months of goods and service import coverage

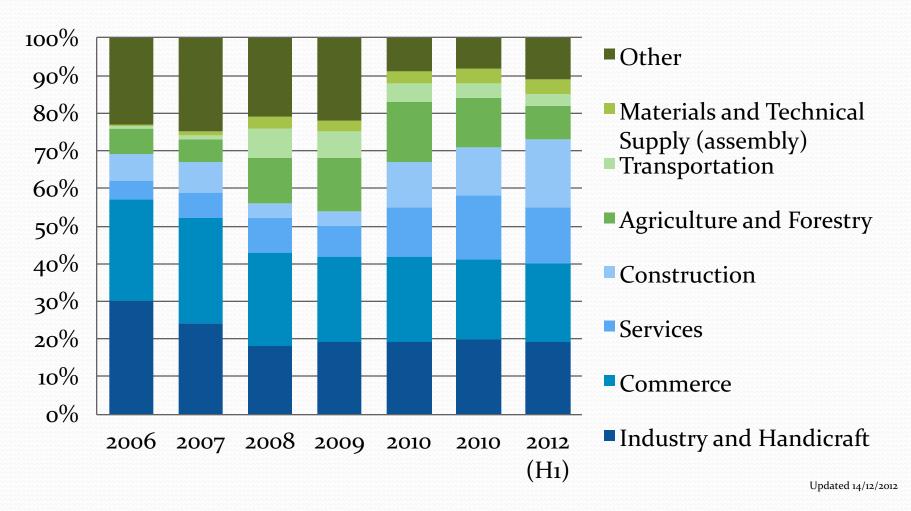
Contents



Source: The World Bank (Ed.): Lao PDR Economic Monitor, May 2012 Update, Vientiane, May 2012, p. 21



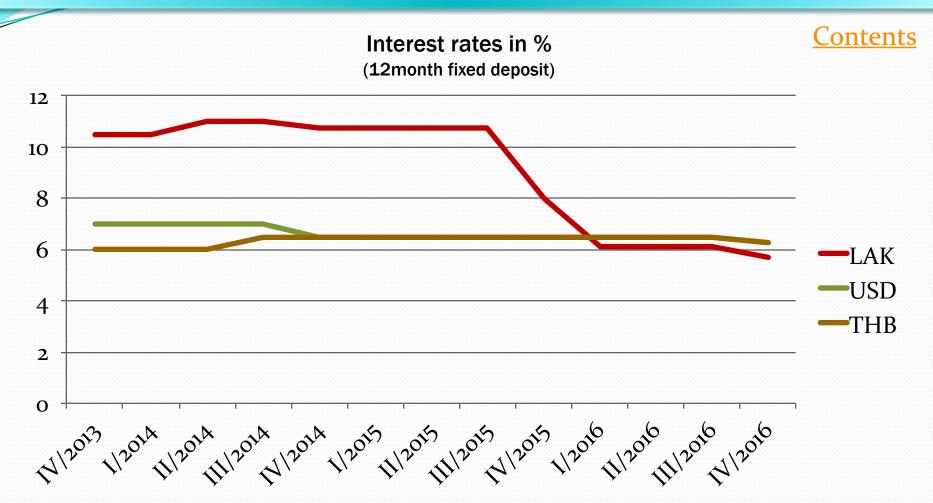




Source: The World Bank (Ed.): Tightening Demand to Maintain Macroeconomic Balance. Lao PDR Economic Monitor, November 2012. Vientiane, November 2012, p. 13.



Lao PDR charts and figures

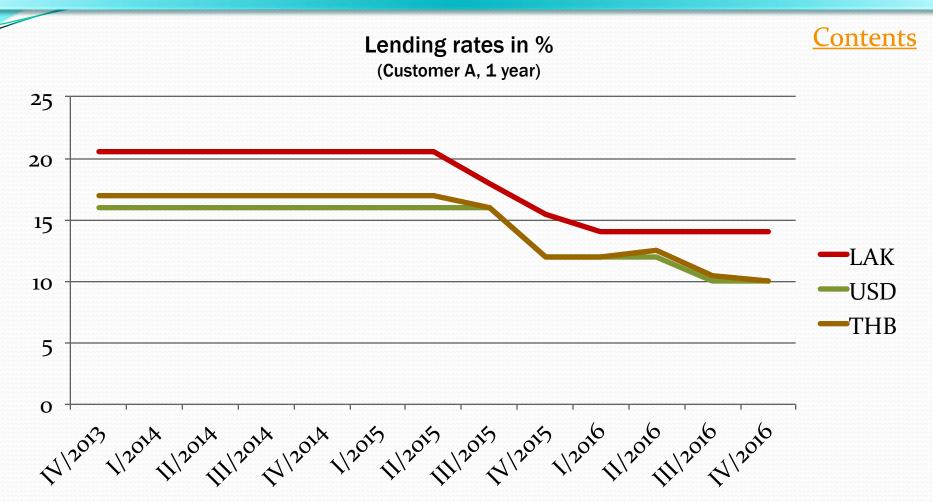


Updated 06/06/2017

Source: The World Bank (Ed.): Challenges in promoting more inclusive growth and shared prosperity. Lao PDR Economic Monitor, April 2017. New York, Vientiane, p. 22. Bank of Lao PDR.



Lao PDR charts and figures



Updated 06/06/2017

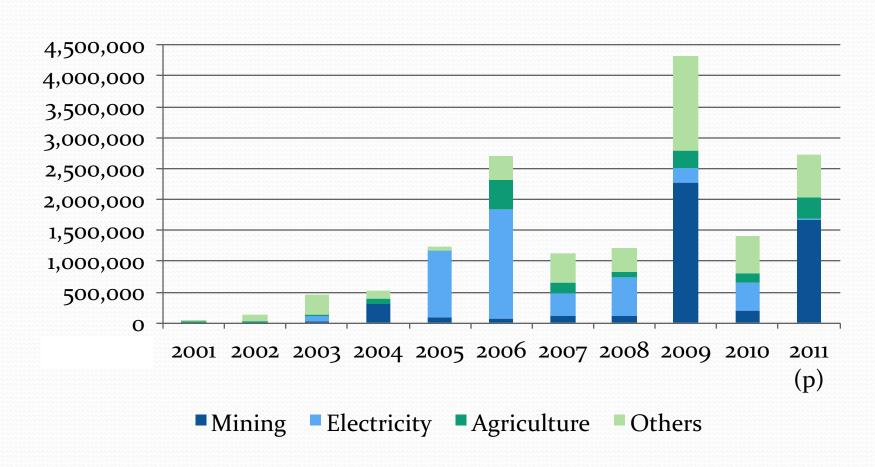
Source: The World Bank (Ed.): Challenges in promoting more inclusive growth and shared prosperity. Lao PDR Economic Monitor, April 2017. New York, Vientiane, p. 22. Bank of Lao PDR.



FDI and ODA



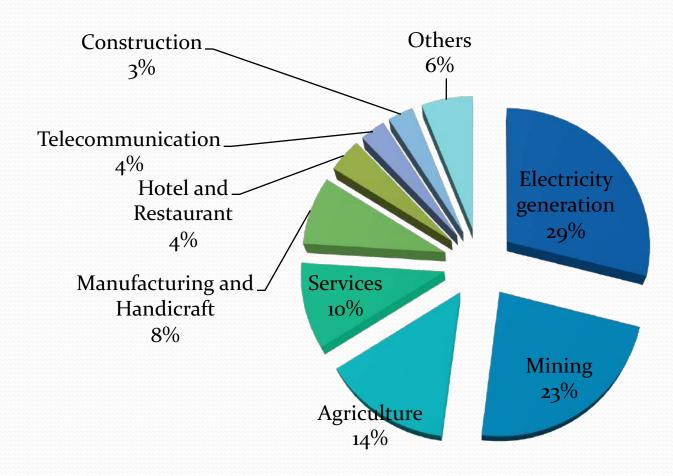
Approved FDI 2001 to 2011 by sector in 1000 US \$



Source: Ministry of Planning and Investment. Bank of Lao PDR (Ed.): Annual Report 2011. Vientiane 2012, p 65. Own calculations.



Approved FDI 1989 – 2015 per sector

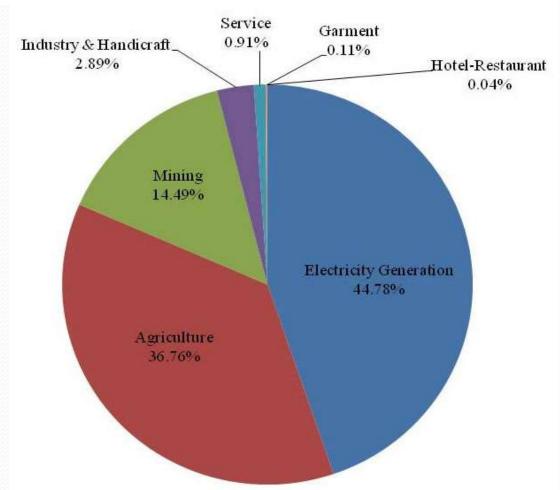


Source: http://www.investlaos.gov.la/show_encontent.php?contID=20 as of June 04, 2013. OECD (Ed.): OECD Investment Policy Review of Lao PDR. Preliminary draft for discussion as of March 2016, p. 21



FDI-DDI by sector (2015)

Contents



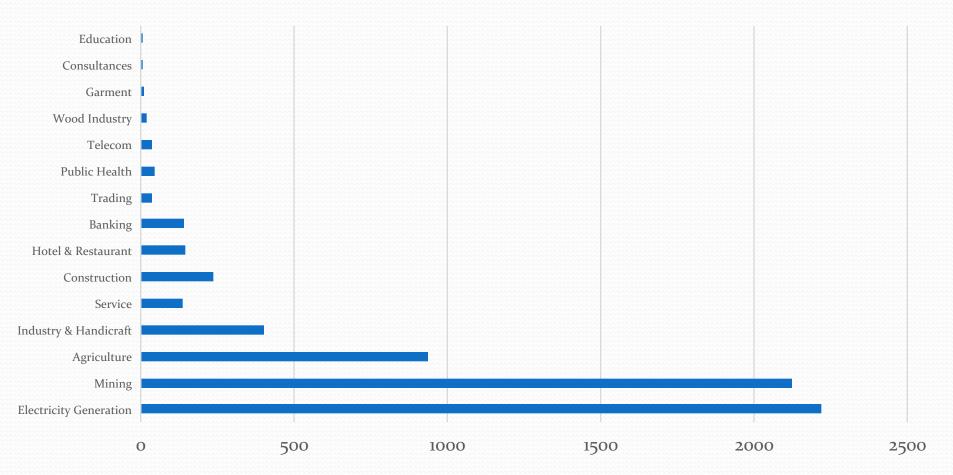
Source: http://www.investlaos.gov.la/index.php/resources/statistics as of Feb. 2nd 2017

Updated on February 02nd 2017



Approved Foreign and Domestic Investment 2011 – Sept. 2015 per sector (1000 USD)

Contents



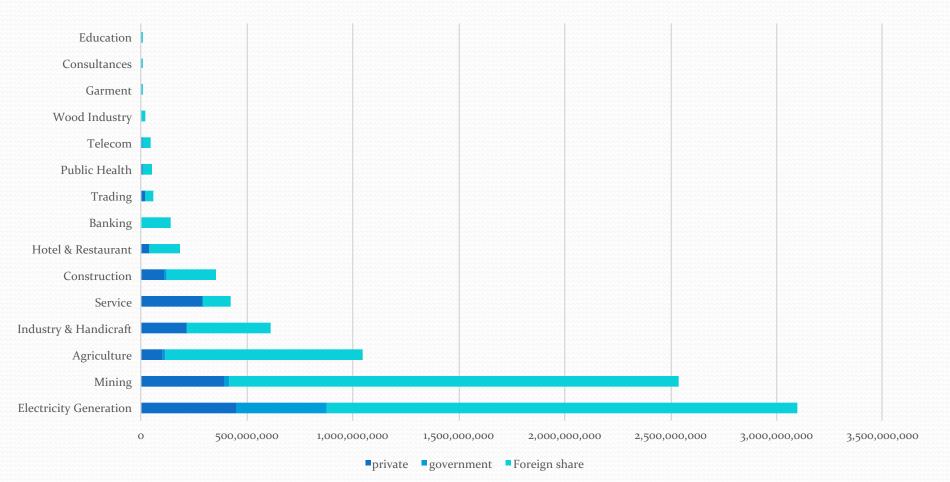
Source: Ministry of Planning and Investment.

Update: 15. Oct. 2016



Approved Foreign and Domestic Investment 2011 – Sept. 2015 per Sector and Source (1000 USD)

Contents



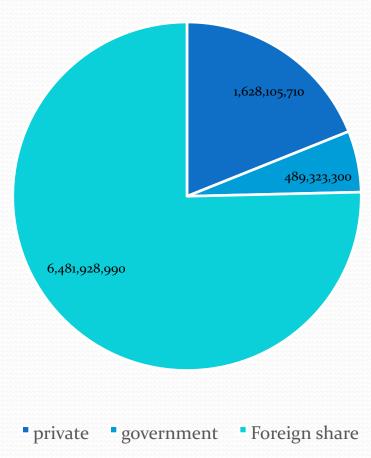
Source: Ministry of Planning and Investment.

Update: 15. Oct. 2013



Approved Foreign and Domestic Investment 2011 – 2015 (USD)

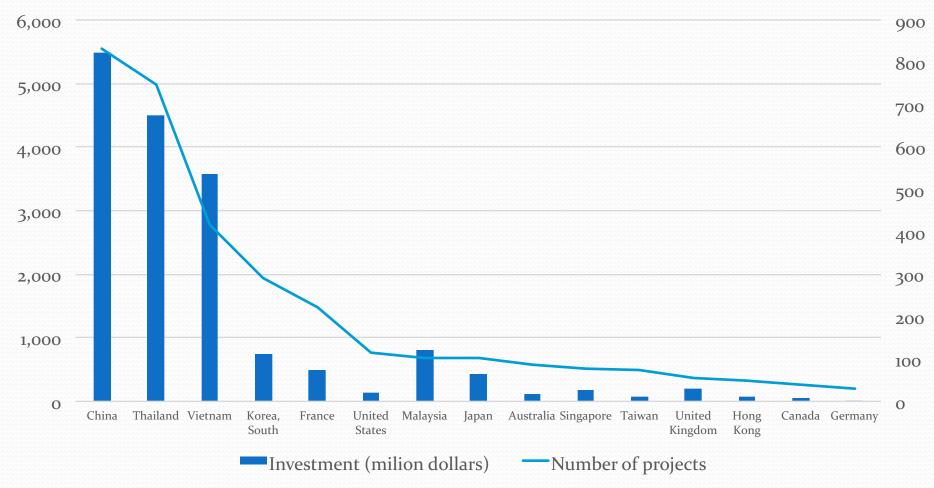
Contents



Source: Ministry of Planning and Investment. Update: 15. Oct. 2013

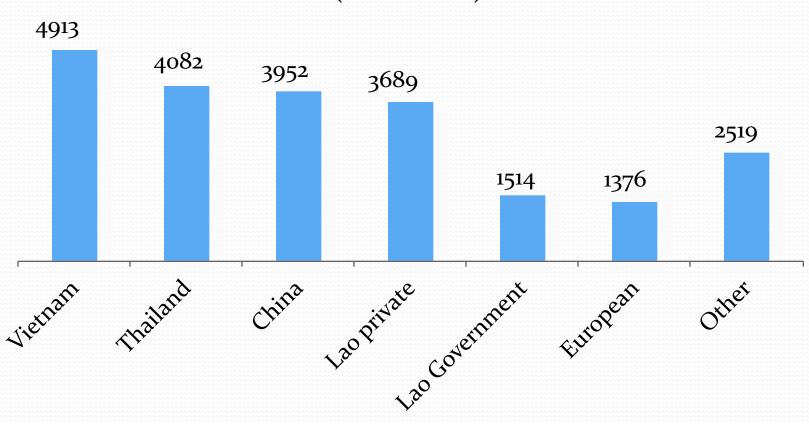


FDI in Lao PDR 1989-2015 by selected country of origin





Approved Investments in Lao 2000 – Sept. 2013 (mln. USD)

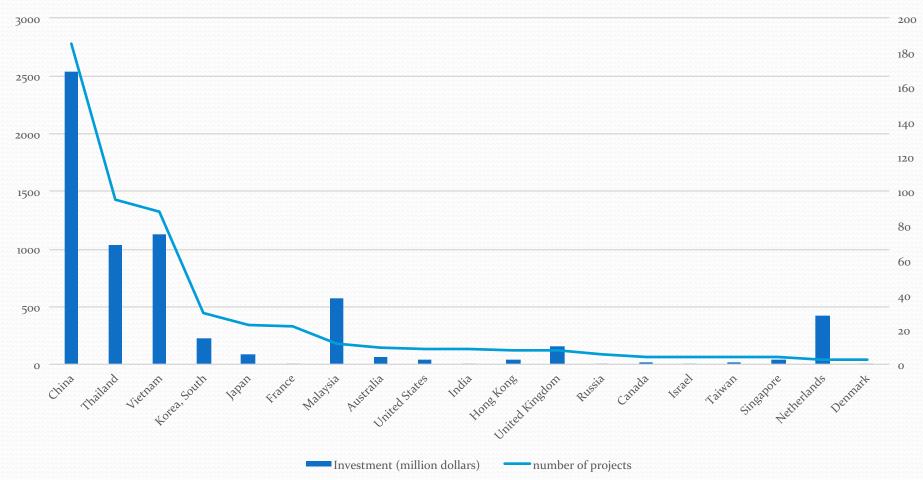


Source: http://www.investlaos.gov.la/show_encontent.php?contID=29 as of June 04, 2013;

Updated 04/06/2013

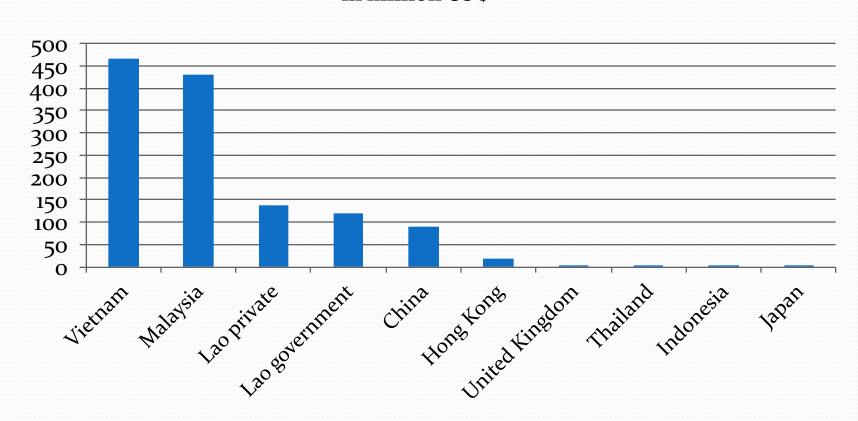


FDI in Lao PDR 2011- 2015 by selected country of origin





Approved investment in Lao PDR 2015 in million US \$

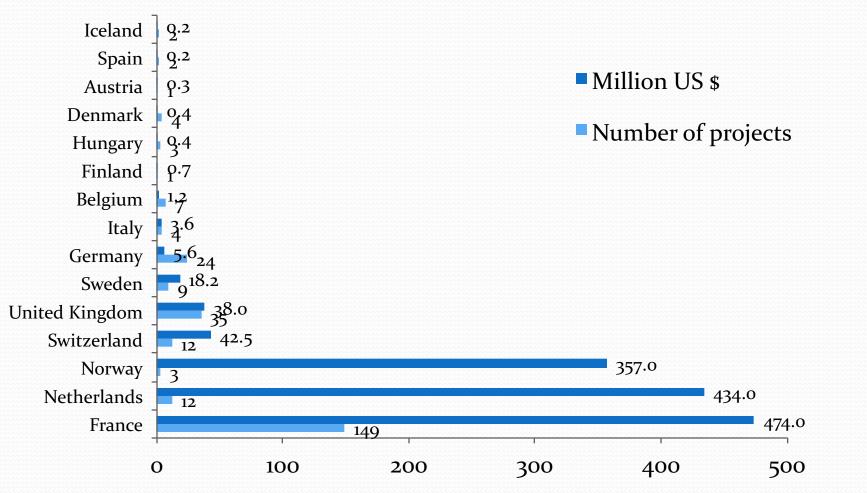


Source: http://www.investlaos.gov.la/index.php/resources/statistics as of Feb. 02nd 2017

Updated on Feb. 2^{nd} 2017



European FDI in Lao PDR 2000 - Sept. 2013

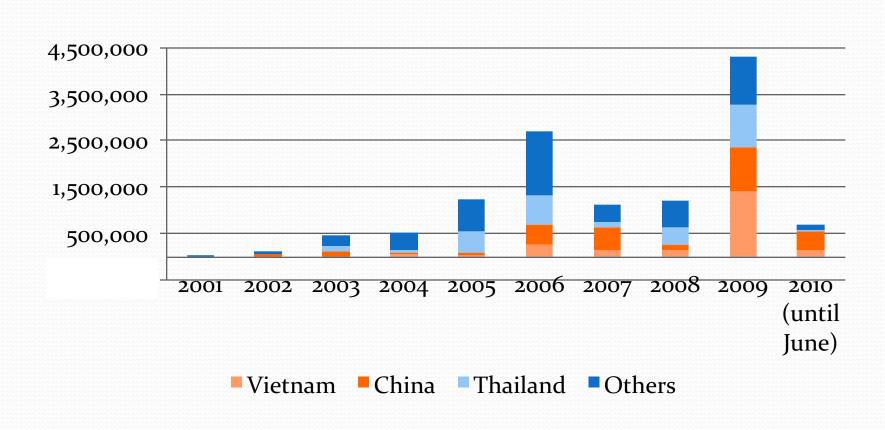


Source: http://www.investlaos.gov.la/show_encontent.php?contID=20 as of June 04, 2013

Updated 04/06/2013



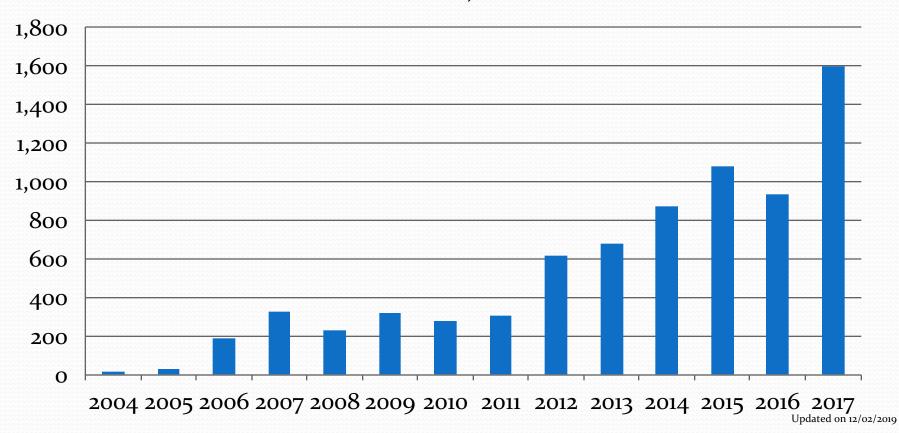
Approved FDI 2000 to June 2010 by country in 1000 US \$



Source: Ministry of Planning and Investment. Own calculations.



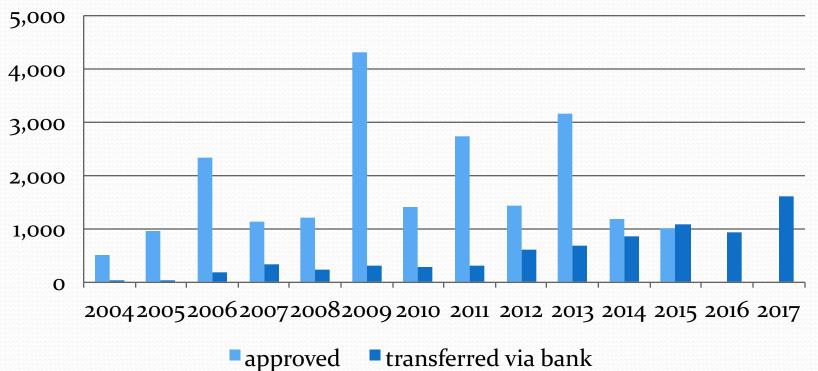
FDI net inflow into the Lao PDR (BoP, current mln. USD)



Source: International Monetary Fund, Balance of Payments database, supplemented by data from the United Nations Conference on Trade and Development and official national sources., here derived from World Bank: https://data.worldbank.org/indicator/BX.KLT.DINV.CD.WD?locations=LA as of January 14th 2019



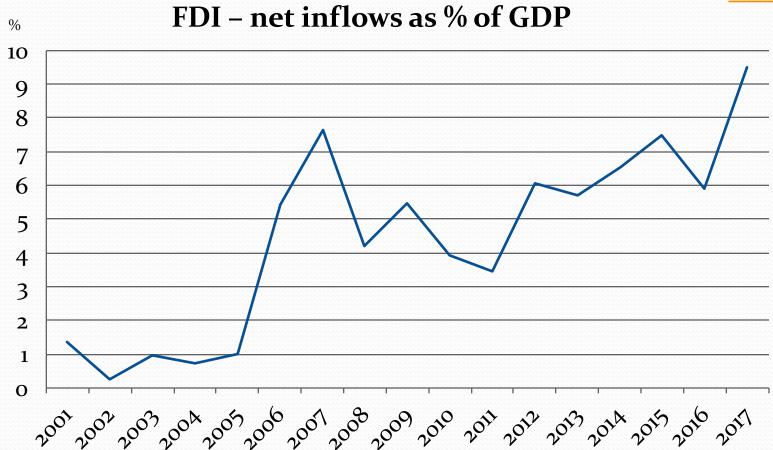
FDI – approved amounts vs. amounts transferred through the banking system in mln. USD



Updated on 12/02/2019

Source: Ministry of Planning and Investment. Bank of the Lao PDR (Ed.): Annual Economic Report 2008, p. 64, ditto 2009, p. 69. Bank of Lao (Ed.): Annual Economic Report 2016. Vientiane, p. 37; Ministry of Planning and Investment, Lao Statistics Bureau. (Ed.): Statistical Yearbook 2015. Vientiane 2016, p.117; Ministry of Planning and Investment, Lao Statistics Bureau. (Ed.): Statistical Yearbook 2012. Vientiane 2013, p.13. Ministry of Planning and Investment, Lao Statistics Bureau. (Ed.): Statistical Yearbook 2012. Vientiane 2013, p.81. World Bank: https://data.worldbank.org/indicator/BX.KLT.DINV.CD.WD?locations=LA as of February 12th 2019





Updated on 12/02/2019

Source: World Bank: https://data.worldbank.org/indicator/BX.KLT.DINV.CD.WD?locations=LA as of February 12th 2019



FDI inflow – quality versus quantity

- **FDI approval** has significantly **increased** over the past years, actual **FDI inflows** via the banking system **much less so**
- However, most of the foreign direct investment went into the resource sector (mining, hydropower) and only a fraction was devoted to processing industries or services
- Thus, from the perspective of employment creation, multiplication effects, generation of linkages, the **investment** has to be seen as **of minor quality**
- It is therefore necessary to promote private domestic and foreign investment in **sectors that create more value added**, create more **jobs and linkages**. It seems also necessary to **focus more on SME development** than on LSI promotion if there should be a greater benefit for the Lao society



Lao PDR: Law on Investment Promotion

Contents

- Representative Office, Joint Venture (JV) (minimum foreign investment of 10%) or Wholly Foreign Owned Investment (WFOI) possible
- No limits on repatriation of profits
- No general minimum capital requirement; minimum requirements may apply in certain sectors though
- Facilitation of investment procedures through introduction of one-stopservice
- Depending on sector and location of investment profit tax exemptions of up to 10 years possible as well as further incentives
- Favourable conditions in Special Economic Zones (SEZ)
- SEZ can be developed by foreign investors
- Foreign investors with registered investment capital of not less than 500,000 US \$ are entitled to land use right
- Conditional businesses have special minimum capotal and joint venture requirements



Lao PDR: Reserved businesses

Contents

- Activities related to picture printing
- •Non-concession based hydroelectric power projects of less than 15 MW
- •Electrical installation
- •Plumbing, heat and air-conditioning installation
- •Urban and suburban passenger land transport
- •Other land transport except taxi meter services
- •Service activities incidental to land transportation passenger transport terminals
- •Guest houses, resorts, hotels of 3 stars or less
- •Publishing of newspapers, journals, periodicals
- Establishment of printers
- •Sound recording and music publishing activities
- Establishment of public radio or television stations
- •Establishments of trusts, non-deposit taking microfinance institutions, savings and credit unions, pawnshops



Lao PDR: Foreign Direct Investment (2000-2009)

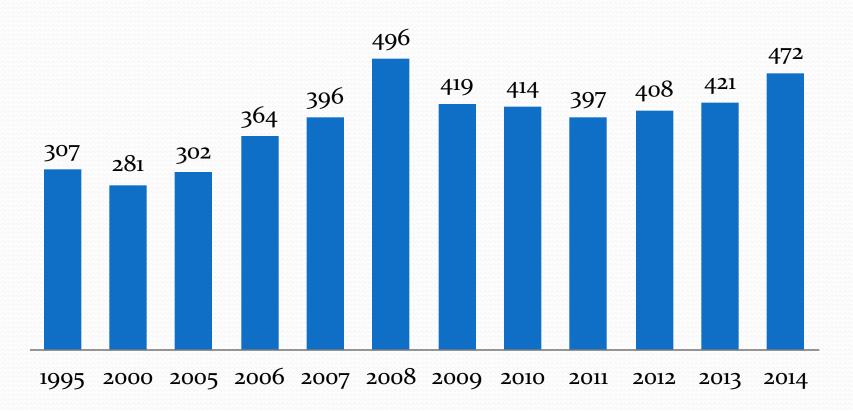
Contents

Sector	No. of projects	USD invested (mln.)
Electricity Generation	47	4153
Mining	202	3162
Agriculture	211	1155
Services	226	1402
Industry and Handicraft	262	1026
Others	439	1328

Source: Ministry of Planning and Investment, Lao PDR



Net official development assistance and official aid received in mln. USD

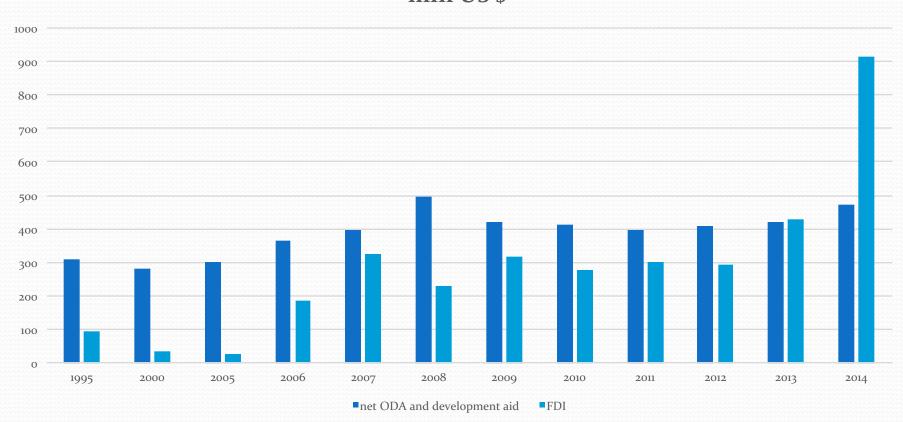


Updated on June 02, 2016

Source: OECD (Ed.): http://data.worldbank.org/indicator/DT.ODA.ALLD.CD



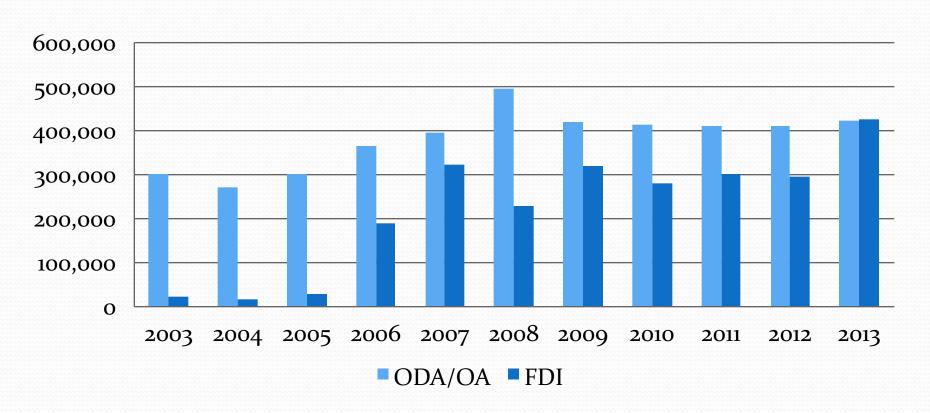
FDI (actual funds transferred via banking system) and Net Official Development Assistance and Official Aid received in mln US \$



Source: World Bank. Updated in oct 2016



FDI (actual funds transferred via banking system) and Net Official Development Assistance and Official Aid received in 1000 US \$



Source: Bank of the Lao PDR (Ed.): Annual Report 2009. Vientiane. P. 43. World Bank: http://data.worldbank.org/indicator/DT.ODA.ALLD.CD as of July 29, 2011.

Updated on October 2nd 2015



Special Economic Zones (SEZ)



5. Xam Neua District & Viangxal District

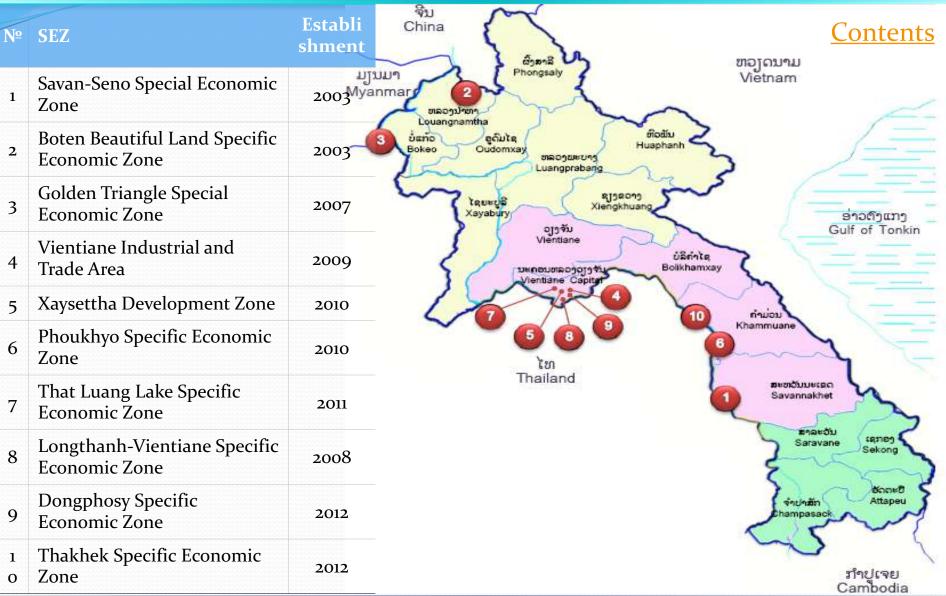
Lao PDR charts and figures

EUROCHAM LAOS		
Name of SEZ	Location	Contents Top-fore
Savan-Seno Economic zone (Lao government -Malaysian investor)	Savanakhet province	PEOPLE'S POSSIBLE SEZ Program for Lao PDR 2010-2015
2. Boten Special Economic Zone (China)	Luangnamtha province	Luangriemthe Xany Manilas Xany Manilas Xanyasa Xannesa
3. Sarmliem Den Kham Speical Economic Zone (China)	Bokeo province	BOKEO OUDOMXAY LUANGPRABANG 20°00TN Flashung Homen Luangprabung Mulang Majaun Hongla Kang Mojen Kham 5 Kayanayan Beng House
4. Phou Kieu Nakhon Specific Economic Zone (Lao)	Khammouan province	Silvabolin VIET NAM Packane Packane Vindahoris V
5. Non Thong Industrial park (Taiwan)	Vientiane Capital	Pater
Potential for new SEZs development		THAILAND
1. Friendship Bridge SEZ	Khammouan	SAVANNAKHET Sonokhoo Toughts Toughts Toughts SARAVANE (Saravane)
2. Num Heuang SEZ	Xayaboury	Kilometers Sekong Sekong
3. Four thousand Islands	Champasack	Industry Based Logistic
4. Plain of Jar Development Zone	Xiengkhuang	Agro-Forest Process
F		Border Trade - Service

Huaphan



Lao PDR charts and figures



ECCIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR Phone: (+856-20) 56858441 E-mail: contact@eccil.org www.eccil.org



Vientiane Industrial Trade Area (VITA Park; est. 2009) Contents

Name	Location and Establishment	Total Investment Value (USD)	Objectives	Benefits Offered		
Vientiane Industrial and Trade Area (also known as VITA PARK) The project site is located 22 km from the center of Vientiane Capital.	Saythany District, Vientiane Capital Developer: 100% by the Government of Lao PDR in collaboration with Taiwanese Developers Area: 110 ha	43,000,000 Land Tenure: 75 years	Trade, Industries, Commerce, Services	 Land Lease: 0.025 -0.06 USD/m²/month Water Fee: 0.25-0.35 USD/m³ Electricity: 0.059-0.065 USD/Kwh Services Sector: Profit Tax Exemption: 2-10 years, afterward 8% or 10% corporate profit tax will be applied. Trade Sector: Profit Tax Exemption: 2-5 years, afterward 10% corporate profit tax will be applied. Industrial Sector: Profit Tax Exemption: 5-10 years, afterward 8% corporate profit tax will be applied. 5% of Personal Income Tax is 		
	nong No m. Imag. C	troot Motober Ville	Chanthahaula Distri	applied for Expatriate & Idoed 11/09/		
ECCIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.OsBor 11781, Vientiane, Lao PDR						

ECCIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.OsBor 11781, Vientiane, Lao PD
Phone: (+856-20) 56858441 E-mail: contact@eccil.org www.eccil.org



Savan-Seno Special Economic Zone (est. 2003)

Contents

Name	Location and Establishment	Total Investment Value (USD)	Objectives	Benefits Offered
Savan-Seno Special Economic Zone.	Savannakhet Province/2003	74,000,000 Land Tenure : 75	Trades, Services, Industries.	 Land Lease: 0.3 USD/m²/year Water Fee: 0.3-0.66 USD/m³ Electricity: 0.0308 USD/Kwh
The project sites are close to Road № 9 as a part of East-West Economic Corridor and the Second Lao-Thai Friendship Bridge	Developer: 100% by the Government of Lao PDR in collaboration with Malaysian Developers Area: 954 ha	years		• Services Sector: Profit Tax Exemption: 2-10 years, afterward 8% or 10% corporate profit tax will be applied.
				 Trade Sector: Profit Tax Exemption: 2-5 years, afterward 10% corporate profit tax will be applied.
				 Industrial Sector: Profit Tax Exemption: 5-10 years, afterward 8% corporate profit tax will be applied.
				 5% of Personal Income Tax is applied for Expatriate & Local Staff

Source: DFDL



Employment of foreign staff in selected Special Economic Zones

Contents

Savan-Seno SEZ:

Foreign employees hired to work in Savan Seno SEZ shall not exceed 30% of the total number of staff.

VITA Park:

Foreign employees hired to work in VITA Park shall not exceed 34% of the total number of staff (or one foreigner for 3 employees).

Lao Labor Law:

15% manual labor foreign workers of the total number of Lao workers and 25% skilled foreign workers of the total number of Lao workers

Source: DFDL Updated on 11/09/2015



Contents

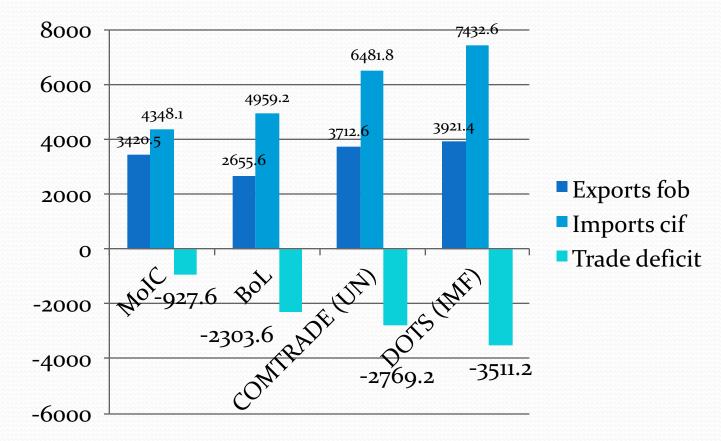
Trade



Lao foreign trade according to different sources

Contents



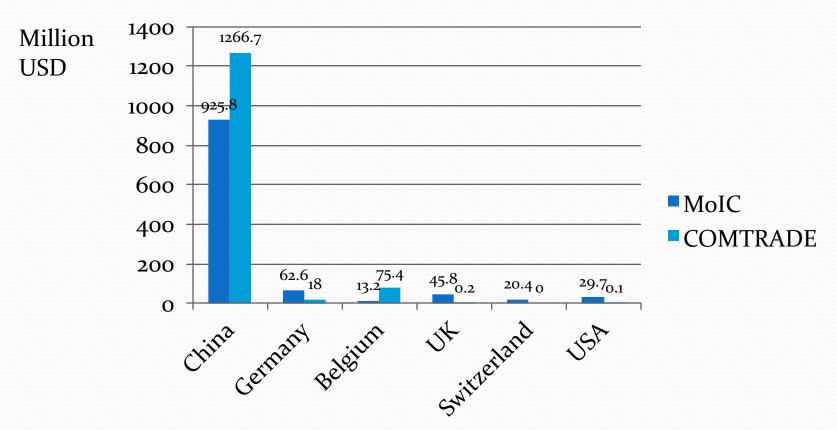


Source: Bannister. G. et al: Lao PDR: Assessing the quality of trade statistics. IMF Working Paper, Oct. 2017



Exports of the Lao PDR to selected countries according to different sources

Contents

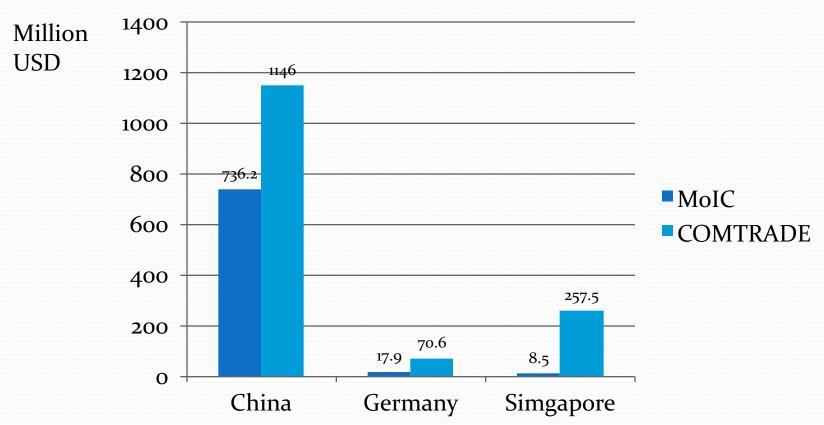


Source: Bannister, G. et al: Lao PDR: Assessing the quality of trade statistics. IMF Working Paper, Oct. 2017



Imports of the Lao PDR from selected countries according to different sources

Contents



Source: Bannister, G.. et al: Lao PDR: Assessing the quality of trade statistics. IMF Working Paper, Oct. 2017



The trade deficit of the Lao PDR is probably underreported

Contents

Official figures of the Lao trade deficit are highly inconsistent:

- According to IMF the Lao current account* deficit stood at 13% of GDP in 2017
- Exports could be underreported by 8 50%
- Imports could be underreported by 30 70%
- Trade deficit could be 20 280% higher than official Lao figures show

Possible explanations:

- Circumventing restrictions on export of woods
 - Lao exported wood and wood products to China according to MoIC for 28.5m, according to COMTRADE for 498.6m USD, for Vietnam the figures were 69.8m (MoIC) and 404.4m USD (COMTRADE)
- Unrecorded imports of fuel to take advantage of price differentials
- Undervaluation of vehicle imports
- Informal border trade in food products

*current account=balance of trade + net income from abroad + net current transfers

Source: Bannister g. et al: Lao PDR: Assessing the quality of trade statistics. IMF Working Paper, Oct. 2017 Article IV consultations 2018

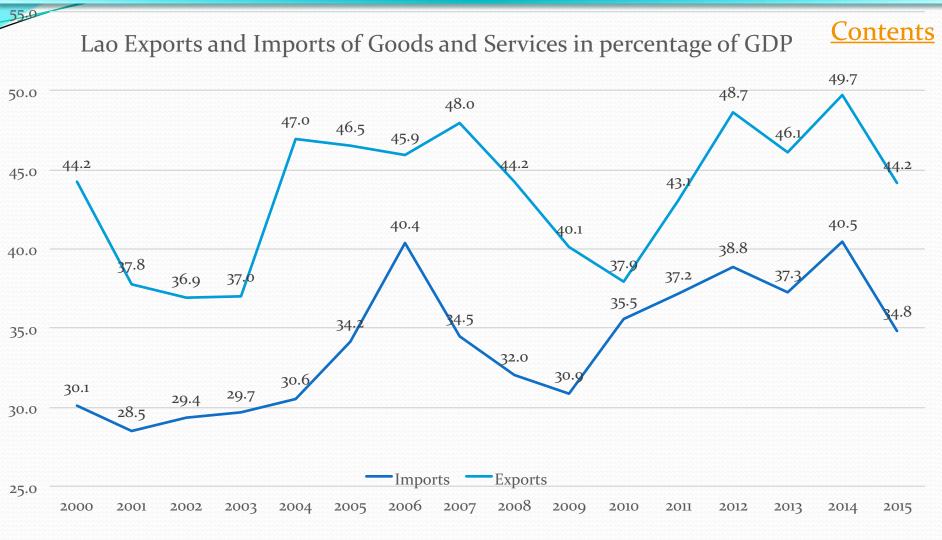


Major earners of foreign currency are 2018 under threat

Contents

- **Mining:** major operations are likely to close down (Sepon 2020), new licenses are not issued
- **Electricity:** Thailand seems to reconsider purchase of additional electricity from Laos (ref. Pak Beng Dam, Feb. 2018)
- **Tourism:** The number of foreign tourists visiting Lao decreased 2017 by 8.7% with the number of European tourists decreasing by 27%, that of Koreans by 11%; income from tourism plateaued 2015 with approx. 725m USD
- **Garment industry:** Due to increasing production cost and shortage of skilled labour several garment factories consider relocation to Myanmar; compared to the previous year Lao garment exports to the EU (140m USD) fell by 10%, with Japan (9.6m USD) -5%, USA (4.5m USD) -21%
- SEZ: Infrastructure development in some zones is lagging behind





Source: The World Bank (Ed.): Sustaining Robust Growth Mitigating Risk and Deepening Reform. Lao PDR Economic Monitor, May 2012 Update, Vientiane, May 2012, p. 21. World Bank (Ed.): Lao PDR Economic Monitor, May 2012 update. Vientiane 2012, p. 21; Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 107, 108.

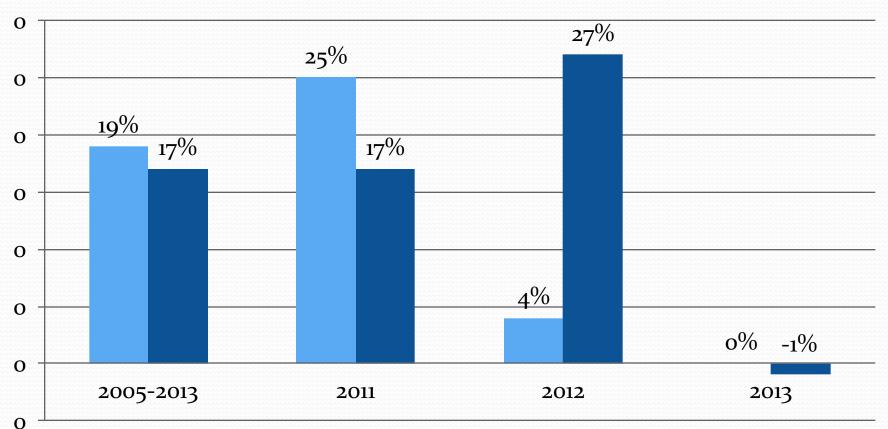
Updated 18/10/2015



Development of Lao Merchandise Exports and Imports in % y/y

Contents





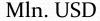
 $Source: World\ Trade\ Organization\ (Ed.): International\ Trade\ Statistics\ 2014.\ Geneva\ 2014,\ p.\ 43.$

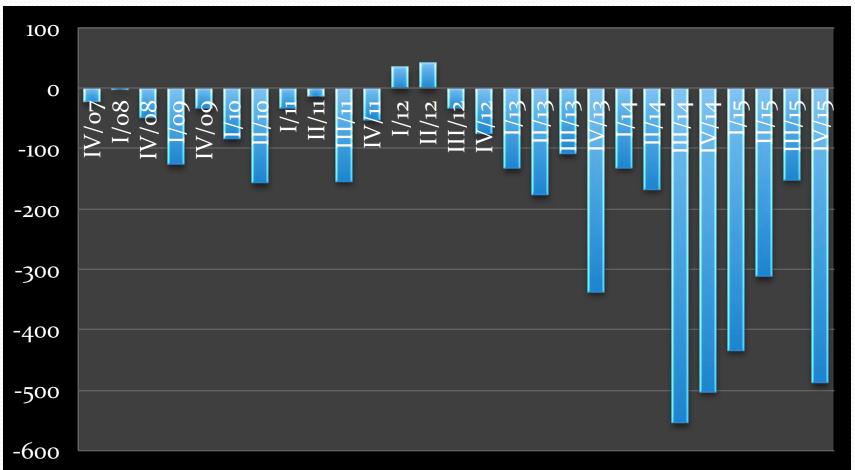
Updated 18/10/2015



Balance of trade

Contents

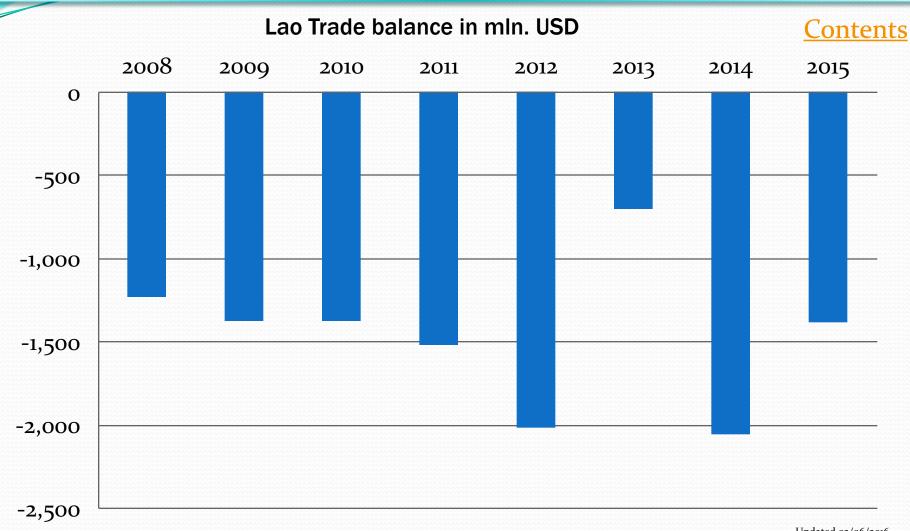




Updated 02/06/2016

 $Source: \underline{http://fr.tradingeconomics.com/laos/balance-of-trade} \ ; \ Bank \ of \ Lao \ PDR.$





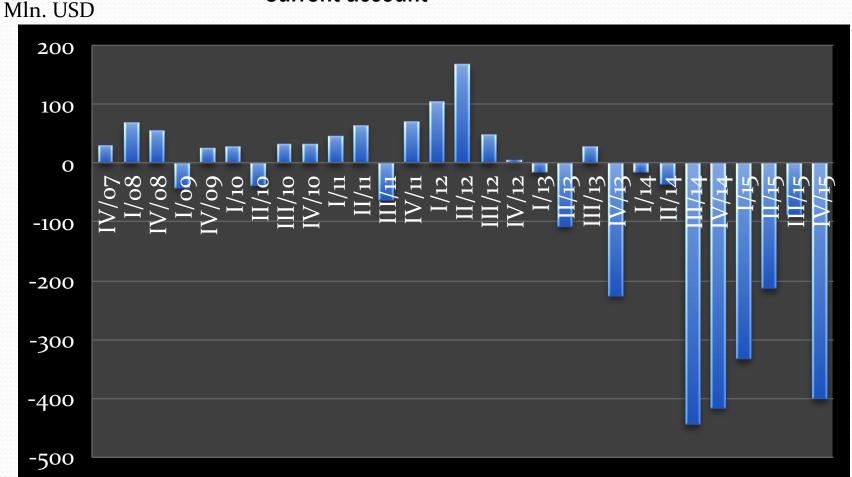
Updated 02/06/2016

Source: Asian Development Bank (Ed.): Asian Development Outlook 2013. Manila 2013, p. 296, 299; Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 107, 108.



Current account

Contents



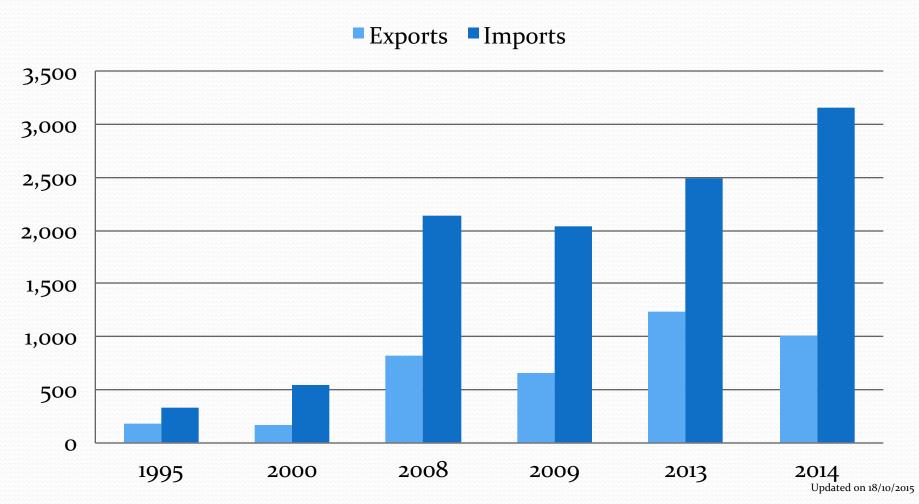
Updated 02/06/2016

Source: http://fr.tradingeconomics.com/laos/current-account; Bank of Lao PDR.



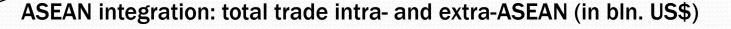
Intra-ASEAN trade of Lao PDR in million USD

Contents

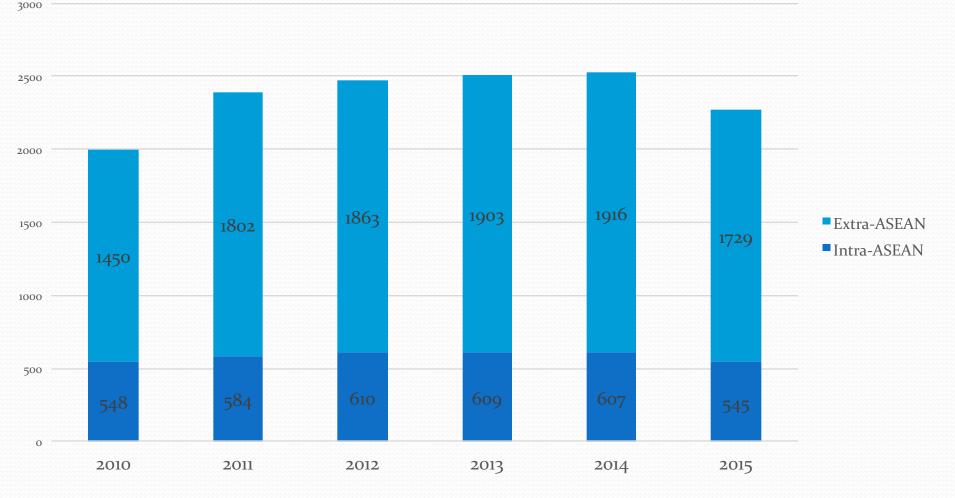


Source: http://dx.doi.org/10.1787/8889323509461 in: OECD Development Center (Ed.): Southeast Asian Development Outlook 2010. P. 197; Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 107, 108.





Contents



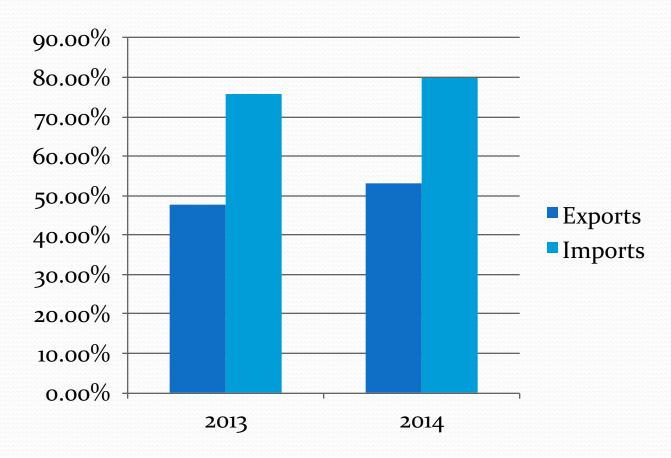
Source: ASEANStats Database.

Updated 14/09/2016



Share of Intra-ASEAN trade of total foreign trade of Lao PDR in %

Contents



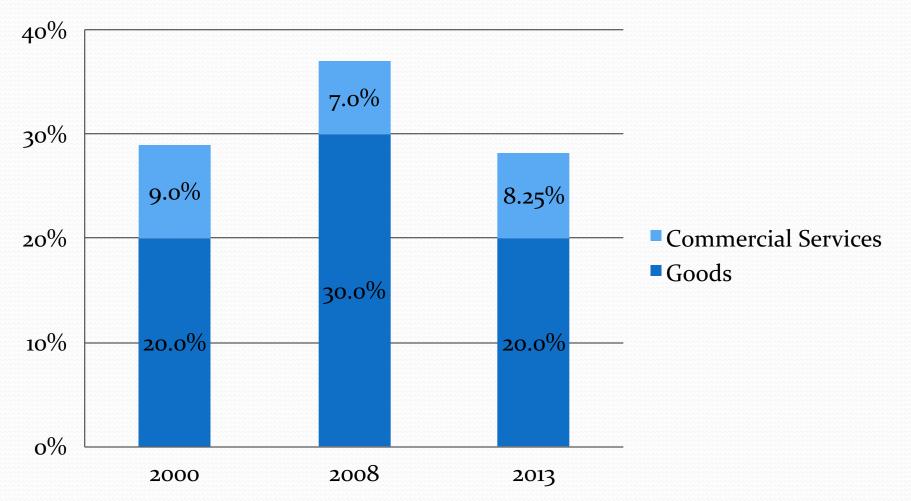
Updated 18/10/2015

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 107, 108.



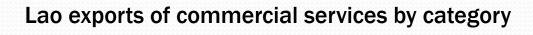
Ratio of Lao exports of goods and commercial services to GDP

Contents

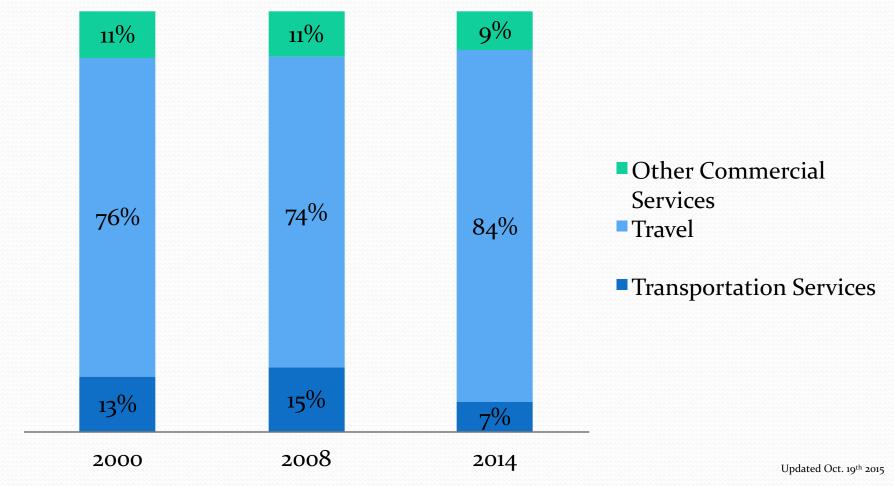


Source: World Trade Organization (Ed.): International Trade Statistics. Geneva 2010, p. 29. ditto 2014, p. 42; Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 109; own calculations

Updated Oct. 19th 2015







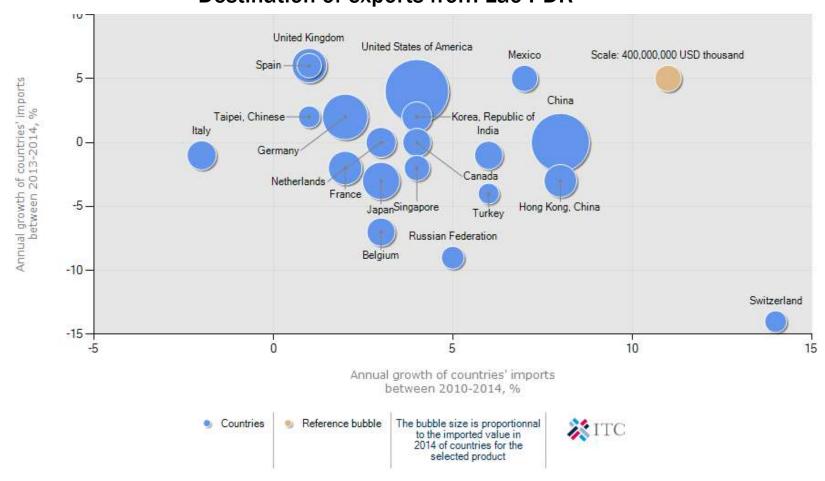
Source: World Trade Organization (Ed.): International Trade Statistics. Geneva 2010, p. 32. Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2014. Vientiane 2015, p. 109; own calculations.



growth of countries' imports

Contents

Destination of exports from Lao PDR



Updated 16/02/2016

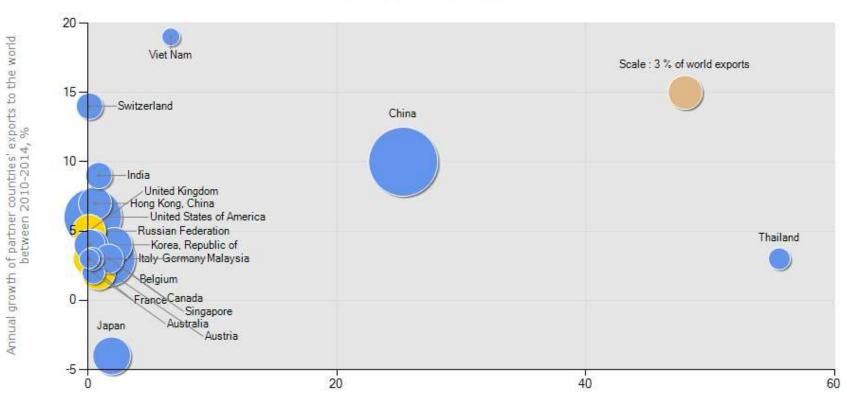
Source: Trademap (TOTAL|||2|1|2|1|1|1|2|1|1) as of

Feb. 16th 2016 CIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR Phone: (+856-20) 56858441 E-mail: contact@eccil.org www.eccil.org



Origin of imports to Lao PDR

Contents



Share of partner countries in Lao People's Democratic Republic's imports, 2014, %

Lao People's Democratic Republic import growth from partner
< Partner export growth to the world

Lao People's Democratic Republic import growth from partner > Partner export growth to the world Reference bubble

The bubble size is proportionnal to the share in world exports of partner countries for the selected product X ITC

Updated 16/02/2016

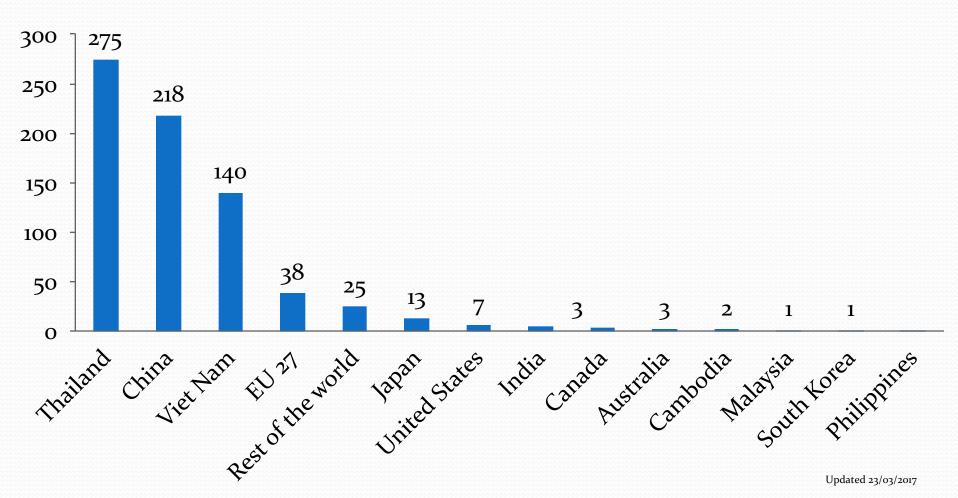
Source: Trademap (http://www.trademap.org/Country-SelProductCountry-Graph.aspx?nvpm=1|418||||TOTAL|||2|1|2|1|1|2|1|1) as of

Feb. 16th 2016 CIL, Villa Inpeng, No. 74 Inpeng Street, Watchan Village, Chanthabouly District P.O. Box 11781, Vientiane, Lao PDR Phone: (+856-20) 56858441 E-mail: contact@eccil.org www.eccil.org





Contents

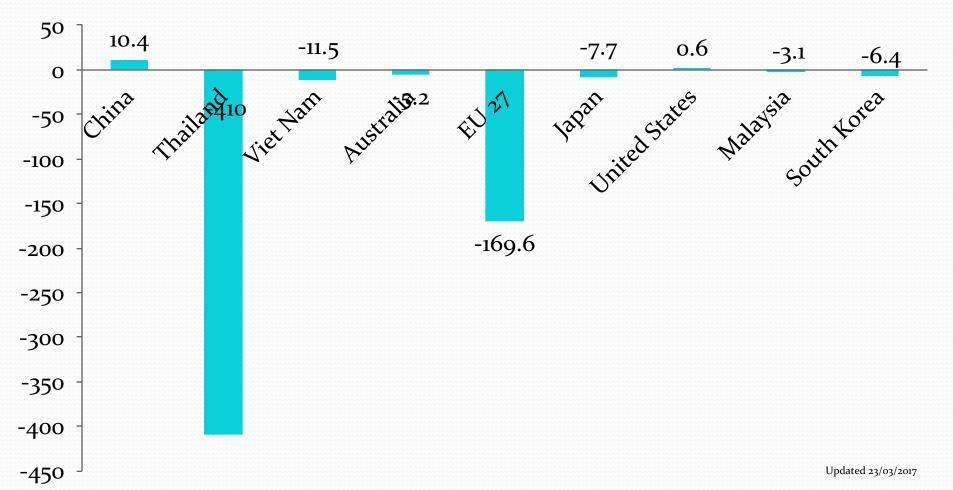


Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 111.



Trade Balance with Major Trade Partners in million USD (2015)



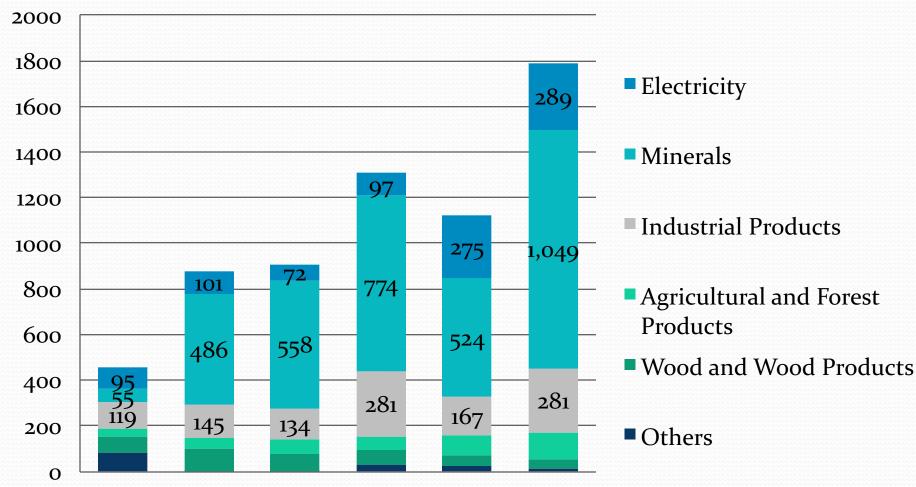


Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 111; own calculations.



Merchandise Exports in mln. USD

Contents

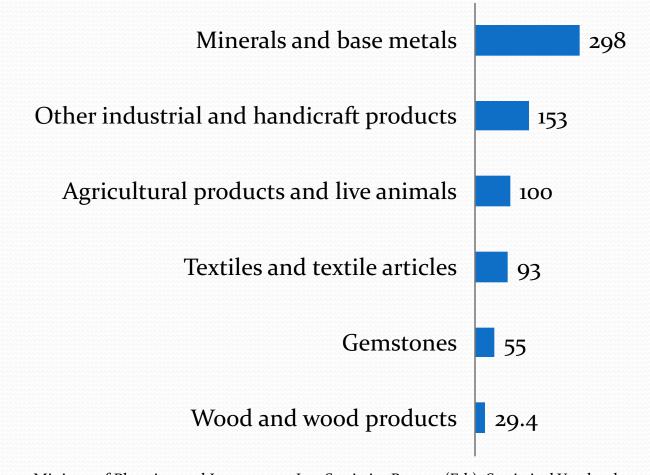


Source: MoIC 2004/052005/062006/072007/082008/092009/10



Lao Merchandise Exports 2015 in m. USD

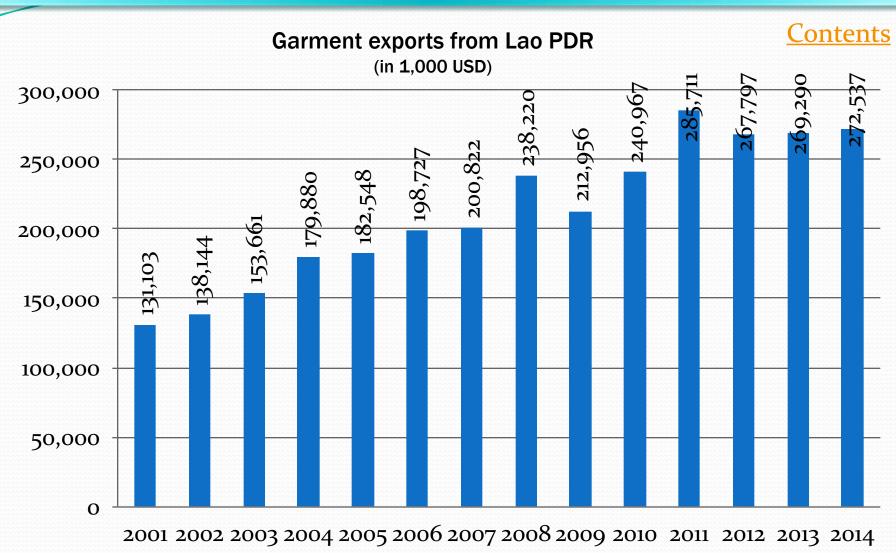
Contents



Updated 23/03/2017

Source: Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 111; own calculations.



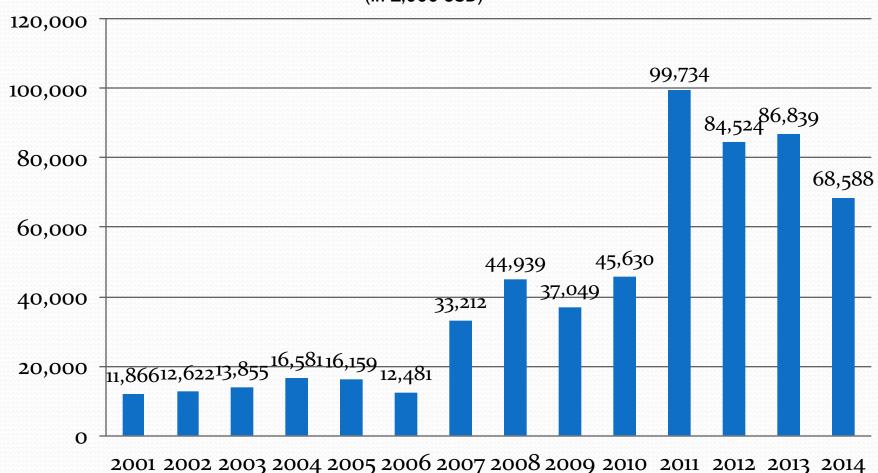


Source: http://trademap.org; here quoted after: Ministry of Planning and Investment, and United Nations Development Programme in Lao PDR (Ed.): Graduation from least developed country status. The 5th National Human Development Report. Vientiane 2017, p. 40



Coffee (and spices) exports from Lao PDR (in 1,000 USD)

Contents

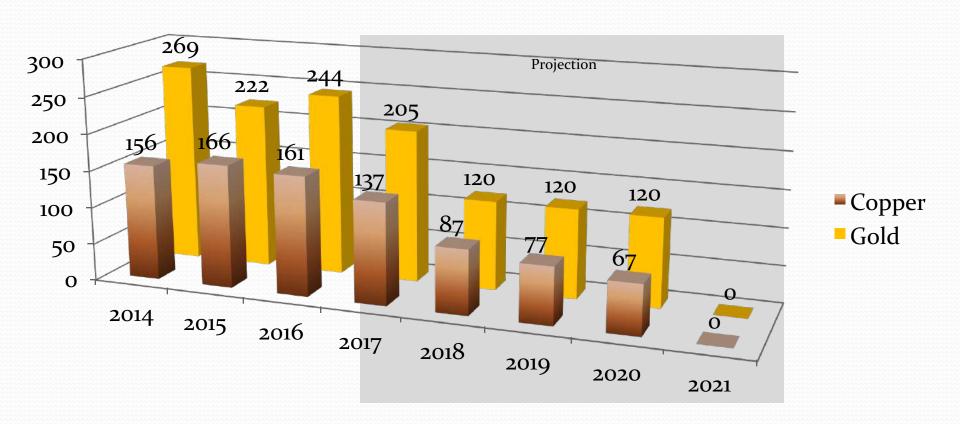


Source: http://trademap.org; here quoted after: Ministry of Planning and Investment, and United Nations Development Programme in Lao PDR (Ed.): Graduation from least developed country status. The 5th National Human Development Report. Vientiane 2017, p. 41



Copper ('000 t) and gold ('000 oz.) production in Lao PDR

Contents



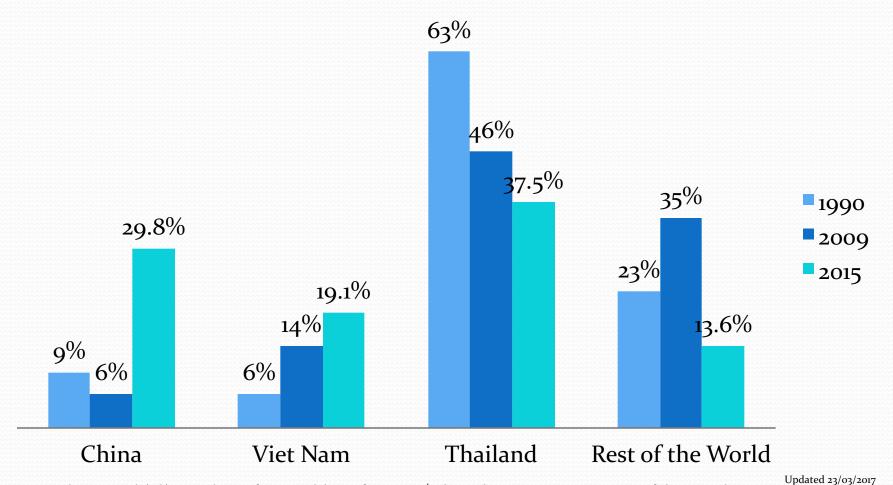
Updated on 31/05/2017

Source: International Monetary Fund (Ed.): Lao People's Democratic Republic. 2016 Article IV consultation. IMF Country Report no. 17/53. Washington 2017, p. 4.



Direction of Exports for Lao PDR 1990, 2009, and 2015 in %

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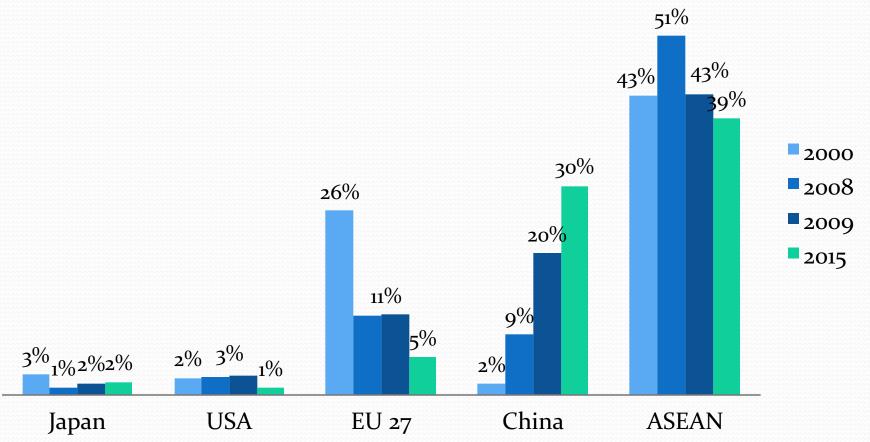


Source: Asian Development Bank (Ed.): Key Indicators for Asia and the Pacific, 2009. 40th ed., Manila 2009, p. 234, MoIC; Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 111; own calculations



Direction of Exports from Lao PDR in % of total exports – ASEAN integration versus Globalization

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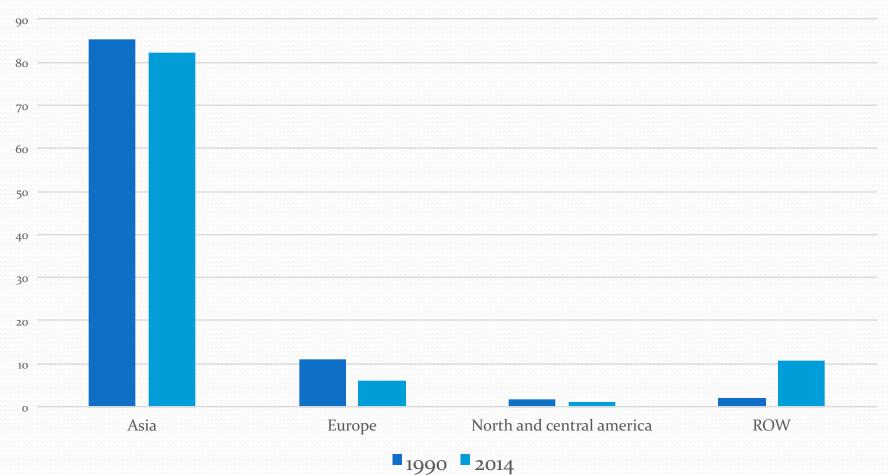
Updated on 23/03/2017

Source: http://dx.doi.org/10.1787/888932350942 in: OECD Development Center (Ed.): Southeast Asian Development Outlook 2010. P. 196. Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 111; own calculations



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Direction of Exports of Lao PDR

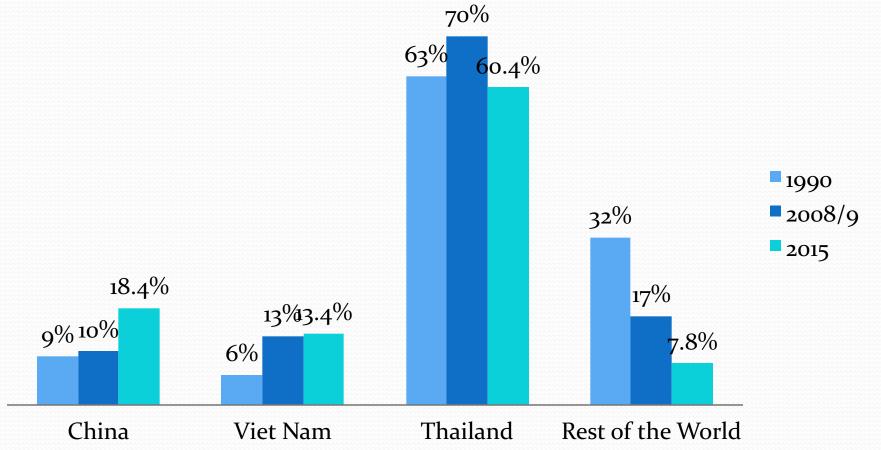


Source: https://www.adb.org/sites/default/files/publication/175162/ki2015.pdf key indicators for Asia 2015 p 290



Origin of Imports for Lao PDR 1990, 2009, 2015 in percentage*

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Updated on 23/03/2017

Source: Asian Development Bank (Ed.): Key Indicators for Asia and the Pacific, 2009. 40th ed., Manila 2009, p. 234, MoIC. Ministry of Planning and Investment, Lao Statistics Bureau (Ed.): Statistical Yearbook 2015. Vientiane 2016, p. 112; own calculations



Lao PDR: Ratified international trade agreements

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