Local Financial Performance and Its Impact on Border Community Welfare

SRI SUARTINI
Faculty of Economics and Business, University of Singaperbangsa Karawang, Ronggowaluyo Street Telukjambe Timur, Karawang, Indonesia
email: srisuartini_daw@yahoo.com

Abstract. The capability and creativity of financial management conducted by the foremost and outermost local governments should support the orientation of the central government in developing the nation border areas. It needs to be carried out to be able to accelerate the development of the areas and to implement regional autonomy policy and fiscal decentralization nowadays. Accordingly, this research aims to discover the local financial performance in Indonesian outermost and foremost areas based on the various calculating indicators. This research also intends to reveal the local financial independence impacts of outermost and foremost areas on their people’s welfare. The analysis results indicate that most of the outermost and foremost local governments in Indonesia possess a very low financial independent ratio. Those areas still prioritize their government expenditure to fulfill the indirect purchase which is not paying attention to develop their areas. Overall, the financial performance of those areas until now does not contribute a real impact on improving the border people’s welfare.

Keywords: national border, local financial performance, regional autonomy

Introduction

Raising Indonesia from the edges by enhancing areas and villages in the frame of unitary state is the third vision in a Medium-Term National Government Development Plan 2014-2019 (Nawacita). This commitment reflects the attention of central government prioritizing the development in the underdeveloped, outermost, and foremost regions. As a manifestation that the state is present and protect its all citizenships, regions becoming the face of Indonesia should be ameliorated and encouraged towards progress (Bappenas, 2016; Ditjen PDT, 2018).

Geographically, sovereignty and juridical territories of Indonesia are bordered with 10 (ten) neighborhood countries both at land and sea, namely Malaysia, Singapore, Thailand, India, Vietnam, Australia, Papua New Guinea, Philippines, Timor Leste, and Palau. At least 13 (thirteen) provinces of Indonesia which are being the national borders and foremost small islands are directly facing to the sovereignty and juridical territories of neighbor states. Some of the provinces are Aceh, North Sumatera, Riau, Kepulauan Riau, West Kalimantan, North Kalimantan, East Kalimantan, North Sulawesi, Maluku, North Maluku, East Nusa Tenggara, Papua, and West Papua (Bappenas, 2010).

The nation border areas have certain characteristic problems, such as cross-culture problems among residents, trafficking, illegal logging, poverty, abandonment, isolated, and other social problems. These problems possess huge impacts on the image of Indonesia in the eyes of the international community. A minimum facility of basic infrastructure bolstering the economic activities and logistics has deteriorated this condition such as roads, ports, and airports. This limitation makes the socio-economic conditions of people in some border areas are still not shifting yet to be better. This situation induces the happening socio-economic gaps of people in the areas highly compared to the same areas of the neighbor countries (Bappenas, 2010). Based on the data released by the Central Bureau of...
Statistics in 2017, the majority of Indonesian outermost and foremost areas have the Human Development Index less than the national average index namely 70.81. On the other hand, the poverty rate in some parts of the areas is still higher than the national poverty rate (10.12 percent), especially the areas in eastern Indonesia.

Implementing the regional autonomy policy and fiscal decentralization conducting currently is expected to able to encourage the local creativity in driving the local income resources by putting the strength on the regional itself paying attention to competitive advantage and the existing potential revenue resource (Nuringsih, 2006; Baihaqi, 2012; Junarwati et al., 2013; Harteti et al., 2014; Prihastuti et al., 2015; Haryanto, 2018). Regarding the mentioned matters above, the outermost and foremost areas need to exhibit good performance and accountability in financial management that can boost the accelerating development of those areas (Ratna, 2012; Fidelius, 2013; Pramono, 2014; Suryaningtingih et al., 2015; Marlina et al., 2017). For this reason, research regarding the financial performance of the outermost and foremost areas of Indonesia is important to be conducted. Moreover, the research can demonstrate the ability of local financial independence to improve the welfare of border communities.

Based on the explanation above, this research aims to analyze the local financial performances of outermost and foremost areas of Indonesia at regency or municipality level based on five calculating ratios (local financial independence, local financial dependency, fiscal decentralization, effectiveness, and expenditure suitability). Furthermore, this research aims to analyze the local independence impacts of outermost and foremost areas on the welfare of border people, which are indicated by the poverty rate and Human Development Index. The results of this research hopefully can contribute as inputs for central and local government in promoting the financial performance of outermost and foremost areas to accelerate the welfare of people in the border areas.

Research and Methodology

The type of data in this research is secondary data sourcing from various institutions such as the Directorate General of Fiscal Balance Ministry of Finance, the Central Bureau of Statistics, and the National Border Management Authority. The collected data consist of budget and realization of the Regional Government Budget, Human Development Index, poverty, expected years of schooling, and expenditure per capita according to regency/municipality in Indonesia in 2017.

This research commonly applies a quantitative analysis method by calculating financial ratios to carry out the analysis of local financial performance. The calculating financial performances utilize formulations referring to Halim (2001), Fitriani and Dwirandra (2014), Nirwana et al. (2014), Andirfa et al. (2016), Nugraha and Amelia (2017), Pilat and Morasa (2017), and Marayadnya et al. (2018) as follows.

**Local Financial Independence Ratio.** This indicator shows the capability of local government in self-financing their own government activities, development, and public services.

\[ \text{Local Financial Independence Ratio} = \frac{\text{Local Government Revenue}}{\text{Balancing Funds}} \times 100 \]

Table 1 provides assessment criteria of local financial independence levels.

**Local Financial Dependency Ratio.** This indicator shows the ability of the local government in optimizing local government revenue to finance their local development activities.

\[ \text{Local Financial Dependency Ratio} = \frac{\text{Total Revenue of Local Government without Balancing Funds}}{\text{Local Government Revenue}} \times 100 \]

Table 2 provides assessment criteria of local financial dependency levels.

**Fiscal Decentralization Ratio.** This indicator is a measurement of local government capability to escalate local government revenue for financing development.

\[ \text{Fiscal Decentralization Ratio} = \frac{\text{Local Government Revenue}}{\text{Total Revenue of Local Government}} \times 100 \]

The criteria to determine the fiscal decentralization can be categorized according to Table 3.

**Effectiveness Ratio.** This indicator points out the capability of local government in realizing the planned local government
Local Financial Performance and Its Impact on Border Community Welfare

The criteria to specify the effectiveness level is able to be distinguished according to Table 4.

Table 1
Assessment Criteria of Local Financial Independence

| Ratio Range       | Criteria of Local Financial Independence | Relationship Pattern |
|-------------------|------------------------------------------|-----------------------|
| 0.00% - 25.00%    | Very Low                                 | Instructive           |
| 25.00% - 50.00%   | Low                                      | Consultative          |
| 50.00% - 75.00%   | Medium                                   | Participative         |
| 75.00% - 100.00%  | High                                     | Delegate              |

Source: Mahmudi (2010) in Mahulae (2018)

Table 2
Assessment Criteria of Local Financial Dependency

| Ratio Range       | Criteria of Local Financial Dependency |
|-------------------|----------------------------------------|
| 0.00% - 10.00%    | Very low                               |
| 10.01% - 20.00%   | Low                                    |
| 20.01% - 30.00%   | Medium                                 |
| 30.01% - 40.00%   | Fair                                   |
| 40.01% - 50.00%   | High                                   |
| >50.00%           | Very High                              |

Source: Badan Litbang Depdagri RI and Fisipol UGM (1991)

Table 3
Assessment Criteria of Fiscal Decentralization Level

| Ratio Range       | Criteria of Fiscal Decentralization |
|-------------------|-------------------------------------|
| 0.00% - 10.00%    | Very low                            |
| 10.01% - 20.00%   | Low                                 |
| 20.01% - 30.00%   | Medium                              |
| 30.01% - 40.00%   | Enough                              |
| 40.01% - 50.00%   | High                                |
| >50.00%           | Very High                           |

Source: Badan Litbang Depdagri RI and Fisipol UGM (1991)

Table 4
Assessment Criteria of Effectiveness Level

| Ratio Range       | Criteria of Effectiveness            |
|-------------------|--------------------------------------|
| <75.00%           | No Effective                          |
| 75.00% - 89.00%   | Less Effective                        |
| 90.00% - 99.00%   | Enough Effective                      |
| 100.00%           | Effective                             |
| >100.00%          | Very Effective                        |

Source: Mahmudi (2010) in Mahulae (2018)

Revenue compared to the assigned targets based on the local real potency.

\[
\text{Effectiveness Ratio} = \frac{\text{Realization of Local Government Revenue}}{\text{Target of Local Government Revenue}} \times 100
\]

Expenditure Suitability Ratio. This indicator exhibits the ability of the local government in prioritizing its fund allocation on direct and indirect purchasing optimally. There were two calculations in this ratio that is written in the following formula.

Furthermore, the quantitative analysis used in this research was multiple linear regression. This analysis was taken to analyze
the local financial independence impacts of outermost and foremost areas on the public welfare in the border areas. The used data in this analysis was cross-section data in 2017 consisting of 41 regencies/municipalities in Indonesia that were determined by the National Border Management Authority as the outermost and foremost areas of Indonesia (Badan Nasional Pengelolaan Perbatasan, 2019). This analysis was conducted by building up a model of local financial independence impact on the poverty rate (Model 1) and a model of local financial independence impact on the Human Development Index (Model 2). This analysis aimed to reveal the local financial independence impacts of outermost and foremost areas on border people’s welfare.

\[
\begin{align*}
\text{Model 1:} & \quad \text{PovRate} = \alpha_0 + \alpha_1 LFI R + \alpha_2 \log EYS + \alpha_3 \log EPC + e \\
\text{Model 2:} & \quad \log HDI = \beta_0 + \beta_1 LFI R + \beta_2 D + e
\end{align*}
\]

Where:
- \( \text{PovRate} = \) Poverty rate
- \( LFI R = \) Local Financial Independence Ratio
- \( EYS = \) Expected years of schooling
- \( EPC = \) Expenditure per capita
- \( HDI = \) Human Development Index
- \( D = \) Dummy 1 for a regency in western Indonesia, 0 for a regency in eastern Indonesia
- \( \alpha_0, \beta_0 = \) constant

Funds, and Special Allocation Funds. There are only two areas, Batam Municipality and Karimun Regency, which have the local financial independence ratio which is categorizing into low (101.21 percent) and medium (58.72 percent) in 2017, respectively. According to the assessment criteria of local financial independence levels in Table 1, the relationship pattern that should be taken by the central government on most of the outermost and foremost areas is instructive, and the other small of them is consultative. In other words, the role of central government needs to be more dominant in the most mentioned areas which are not able to implement their regional autonomy. On the other hand, for some outermost and foremost areas that are considered capable of implementing regional autonomy, the central government has started to reduce

**Results and Discussion**

**Local Financial Independence Ratio**

Based on the calculation results, the majority of outermost and foremost areas of Indonesia own the ratio of local financial independence categorizing into low and very low levels (Figure 1). It happens due to a magnitude of the balancing budget allocating by the central government of Indonesia. The allocation budgets can be in the form of Tax Share and Non-Tax Share, General Allocation

Source: Ministry of Finance (2019), data processed

**Figure 1. The Local Financial Independence Ratio of Indonesian Outermost and Foremost Areas in 2017**

**Figure 2. The ratio of Local Financial Dependency for Indonesian Outermost and Foremost Areas in 2017**

Source: Ministry of Finance (2019), data processed
its intervention. These areas such as Bintan Regency, Dumai Municipality, and Berau Regency have a local financial independence ratio of 36.06 percent, 35.13 percent, and 31.74 percent, respectively. These areas are in the western part of Indonesia.

**Local Financial Dependency Ratio**

Based on the data of 2017, this ratio signifies that most of considering areas are in a range of medium to high rate on the Local Government Revenue in financing the local development activities (Figure 2). This calculation is assumed without any allocating the balancing funds. In the other side, there are still areas which have low ratios and even very low ratios of local financial dependency. Areas possessing low ratios of local financial dependency are consisted of Maluku Tenggara Barat Regency (18.39 %), Aceh Besar Regency (15.35 %), Pulau Morotai Regency (14.73 %), Boven Digoel Regency (13.20 %), Kepulauan Talaud Regency (13.17 %), and Raja Ampat Regency (10.49 %). Furthermore, the areas which have the lower ratios of local financial dependency are composed of Mahakam Ulu Regency (6.90 %), Supiori Regency (6.78 %), Keerom Regency (6.17 %), and Pegunungan Bintang Regency (2.71 %).

**Fiscal Decentralization Ratio**

This ratio indicates that most of the considering areas have both low and very low fiscal decentralization levels (Figure 3). Only a few of them are categorized into high, fair, and medium decentralization fiscal levels.

**Effectiveness Ratio**

Based on this ratio, it indicates that Berau is regency possessing the highest ratio of the effectiveness of all outermost and foremost areas of Indonesia in actualizing the planned Local Government Revenue at all outermost and foremost areas of Indonesia (Figure 4). The ratio of the effectiveness in 2017 categorizes this regency and two other regencies, Sintang and Sangihe, as very effective regencies that consist of 110.87%, 109.44%, and 108.81%, respectively. In general, the majority of outermost and foremost areas in Indonesia are grouped into criteria of effective enough and very effective. Unfortunately, there are seven regencies/municipalities which are still categorized into criteria of less effective such as Raja Ampat, Batam, Rokan Hilir, Kepulauan Meranti, Sabu...
According to this ratio, in 2017, more than half of the outermost and foremost areas of Indonesia prioritize the local government expenditures on indirect purchase needs (Figure 5). Only a few of them allocating their local government expenditure at higher for the direct purchase, such as Mahakam Ulu Regency (71.67%), Batam Municipality (64.33%), Raja Ampat Regency (62.20%), Maluku Barat Daya Regency (62.09%), Kepulauan Aru Regency (61.06%), and Bengkalis Regency (58.38%). Commonly, most of those mentioned areas allocate their indirect purchase for employee expenditures. This indicates one of the reasons why most of those areas are not paying attention yet to developing their areas.

The estimation results of this model had been processed successfully from some classical assumption tests becoming statistical requirements that must be accomplished in a multiple linear regression analysis based on the ordinary least square (OLS). This model had passed a multicollinearity test indicating free of multicollinearity problems. It is represented through the correlation matrix value of all variables which are under 0.8. So do the heteroscadicity and autocorrelation tests point out the model does not any problem of those tests. In the heteroscadicity test, the generated p-value Obs*R-squared is 0.1770 and higher than $\alpha = 1$ percent. Moreover, the autocorrelation test denotes p-value Obs*R-squared as 0.2272 which is higher than $\alpha = 1$ percent.

Partially, the variable of local financial independence ratio is not significantly affecting a variation of the poverty rate. This result indicates each local financial policy of Indonesian outermost and foremost areas until now is not able to improve their public welfare in the border areas especially in bringing down poverty. The low capability in delving the existing local financial potency as shown through the mentioned results above is presumed to cause limited financing for the poverty alleviation program in those areas. It is also in line with the results of expenditure suitability ratio analysis where the majority of those areas still prioritize their expenditures on employee aspects.

### Table 5

| Independent Variable | Coefficient | Standard Error | p-value |
|----------------------|-------------|----------------|---------|
| Constant             | 245.1637    | 41.5134        | 0.0000***|
| LFIR                 | 0.0553      | 0.0753         | 0.4671  |
| logEYS               | 3.3987      | 12.1630        | 0.7815  |
| logEPC               | -59.6411    | 11.4149        | 0.0000***|

Dependent Variable= PovRate

Adjusted R-squared = 0.4867, F-statistic = 13.6441, Prob (F-statistic) = 0.0000

***Significant on level 1 percent
**Significant on level 5 percent
*Significant on level 10 percent

Source: results of data processed

Figure 5. The Expenditure Suitability Ratio of Indonesian Outermost and Foremost Areas in 2017

# Expenditure Suitability Ratio

According to this ratio, in 2017, more than half of the outermost and foremost areas of Indonesia prioritize the local government expenditures on indirect purchase needs (Figure 5). Only a few of them allocating their local government expenditure at higher for the direct purchase, such as Mahakam Ulu Regency (71.67%), Batam Municipality (64.33%), Raja Ampat Regency (62.20%), Maluku Barat Daya Regency (62.09%), Kepulauan Aru Regency (61.06%), and Bengkalis Regency (58.38%). Commonly, most of those mentioned areas allocate their indirect purchase for employee expenditures. This indicates one of the reasons why most of those areas are not paying attention yet to developing their areas.

### Model 1: Local Financial Independence Impacts on The Poverty Rate

The results of model estimation in Table 5 signify that all independent variables in that model collectively contribute to a significant explanatory impact on the poverty rate (at a significant level of 99 percent). This can be noticed from the probability value (F-statistic) is equal to 0 (zero) which has a value lower than $\alpha = 1$ percent. Furthermore, based on the adjusted R-squared of 0.4867, denotes that all independent variables together that can explain the variation of poverty rate variable is about 48.67 percent. While the remaining, 51.33 percent can be defined by other factors outside of the model.

The estimation results of this model had been processed successfully from some classical assumption tests becoming statistical requirements that must be accomplished in a multiple linear regression analysis based on the ordinary least square (OLS). This model had passed a multicollinearity test indicating free of multicollinearity problems. It is represented through the correlation matrix value of all variables which are under 0.8. So do the heteroscadicity and autocorrelation tests point out the model does not any problem of those tests. In the heteroscadicity test, the generated p-value Obs*R-squared is 0.1770 and higher than $\alpha = 1$ percent. Moreover, the autocorrelation test denotes p-value Obs*R-squared as 0.2272 which is higher than $\alpha = 1$ percent.

Partially, the variable of local financial independence ratio is not significantly affecting a variation of the poverty rate. This result indicates each local financial policy of Indonesian outermost and foremost areas until now is not able to improve their public welfare in the border areas especially in bringing down poverty. The low capability in delving the existing local financial potency as shown through the mentioned results above is presumed to cause limited financing for the poverty alleviation program in those areas. It is also in line with the results of expenditure suitability ratio analysis where the majority of those areas still prioritize their expenditures on employee aspects.
The variable of expected years of schooling does not significantly influence the poverty rate. This is surmised that the high educational levels of people in the border areas do not affect the poverty rate due to available jobs for educated employees are very limited. This takes into account that the conditions of outermost and foremost areas mainly are located in remote areas making expertise and academic capability are not absorbed in the labor market. In return, by perforce those educated people enter jobs with low skills. The earned wages and income are also low which makes the relative poverty rate is still not reduced.

Meanwhile, the growth of expenditure per capita affects significantly the poverty rate and possessing a negative relationship. This bears in meaning for 1 percent decreasing growth of expenditure per capita can scale up the poverty rate as high as 59.64 percent by assuming other independent variables are not changed. It is supposed due to a high price of goods (especially basic needs) which is triggered by difficulty of supplying goods to outermost and foremost areas in Indonesia causing limited accessibility and connectivity to other areas. The limitations can be caused by the dynamics of natural factors such as seawater conditions in the border areas undergoing the high waves in a certain season, and other factors. This condition is made worse by a lack of existing infrastructure such as ports, transportation vehicles, and air trips. The high price of goods induces mainly people in the border areas are difficult to reach basic needs making the poverty rate is not getting yet down.

Model 2: Impacts of Local Financial Independence on The Human Development Index.

Estimating this model results that all independent variables in the model (local financial independence ratio and dummy) makes collectively explanatory impact significantly on the Human Development Index in 99 percent of confidence level (Table 6). This is able to be viewed from the probability value (F-statistic) which is equal to 0 (zero) possessing values lower than α = 1 percent. In another hand, the Adjusted R-squared is 0.4589 implying independent variables together can explain the growth variable variation of Human Development Index as high as 45.89 percent. While the rest namely 54.11 percent is able to be explained by other factors outside the model.

The results of the classic assumption test on the estimating this model also denotes there are not any problems of multicollinearity, heteroscedacity, and autocorrelation. No problems of multicollinearity are represented through matrix correlation value from all variables that are lower than 0.8. So do the heteroscedacity and autocorrelation tests, in where this model does not have any heteroscedacity and autocorrelation. In heteroscedacity, the generated p-value Obs*R-squared is 0.2106 that is higher than α = 1 percent. Further, based on the autocorrelation test, the resulted p-value Obs*R-squared is 0.6820 which is higher than α = 1 percent.

The estimated results from the model above exhibit that partially the local financial independence ratio affect significantly the Human Development Index and possesses a positive relationship. This means an increase of 1 percent of the local financial independence ratio will escalate 0.0826 percent of Human Development Index by recognizing other variables are not changed (ceteris paribus). It indicates the local financial performance of the outermost and foremost areas of Indonesia cannot make any real impacts yet on standards of living for people in the border areas, nevertheless already seen the efforts had been taken.

Moreover, estimating this model delivers a result that there is a significantly different growth of the Human Development Index of outermost and foremost areas between eastern and western Indonesia.
Statistically, the result is able to be implied if the outermost and foremost areas are located in western Indonesia \((D = 1)\), the growth of Human Development Index will be higher as many as 0.0430 with an assumption that other independent variables are constant. This condition indicates that the development of eastern Indonesia’s outermost and foremost areas is still left behind than western Indonesia. This finding strengthens the development orientation of the central government currently in pushing the development in eastern Indonesian areas.

### Conclusions

The research demonstrates some findings related to local financial performance and its impact on border community welfare. The participation of the public in paying taxes and local retributions in those areas is very small. The development orientation of the central government currently taken has been already proper by prioritizing more on developing eastern Indonesia. The central government has to establish consultative and instructive relationship patterns in point of financial, especially to all outermost and foremost areas in Indonesia.

Low capability in optimizing the gained local government revenue provides consequences also on a low financial capability in financing development activity. This enforces findings that the development in those areas are still underdeveloped. In a great measure of those areas are not capable yet to optimize their authority in accelerating regional development. Those areas are still prioritizing their government expenditure on indirect purchase needs. This infers most of those areas do not concern yet on developing their own regions.

In general, the local financial performance of Indonesian outermost and foremost areas until currently does not contribute real impacts yet for uplifting public welfare in the border areas. Even though, recognizing the means to increase public welfare in the border areas has been already and kept pushing through paying attention to the development orientation of the central government currently by accelerating development in eastern Indonesia.

The outermost and foremost areas of Indonesia, in general, are still interesting to be investigated individually by cases in the future, like what happens in Batam Municipality with its effectiveness ratio and two other regencies, Mahakam Ulu and Raja Ampat, with their contradicting ratios between the expenditure suitability and effectiveness. Then in figuring out these cases, the techniques of data collections would be taken are observation, interviews, and focus group discussion. The improvement of future research might be focused on problem orientation like uplifting the work quality of apparatuses and human resources of the concerning areas, as well as the formulated strategy which would be resulted.

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### References

Andirfa, M., Basri, H., & Majid, M.S.A. (2016). Pengaruh belanja modal, dana perimbangan dan pendapatan asli daerah terhadap kinerja keuangan kabupaten dan kota di Provinsi Aceh. *Jurnal Administrasi Akuntansi: Program Pascasarjana Unsyiah*, 5(3), 30–38.

Badan Litbang Depdagri RI, & Fisipol UGM. (1991). *Pengukuran Kemampuan Keuangan Daerah Tingkat II dalam Rangka Otonomi Daerah yang Nyata dan Bertanggung Jawab*. Jakarta.

Badan Nasional Pengelolaan Perbatasan. (2019). *Lokpri 2015-2019*. Retrieved from www.bnpp.go.id/index.php/kawasan-perbatasan/lokpri-2015-2019 on 10 March 2019.

Baihaqi. (2012). Analisis pengelolaan keuangan daerah dan kemandirian daerah pada Kabupaten Bengkulu Tengah. *Jurnal Fairness*, 2(1), 1-14.

Bappenas. (2010). *Dinamika Pembangunan Kawasan Perbatasan Negara*. Bulletin Kawasan: Publikasi Direktorat Kawasan Khusus dan Daerah Tertinggal Kedeputian Pengembangan Regional dan Otonomi Daerah. Retrieved fromhttp://kawasan.bappenas.go.id/images/data/Produk/BuletinKawasan/edisi_24_2010.pdf on 9 March 2019.

Bappenas. (2016). *Kajian Pengembangan Kebijakan Asimetris dalam Pembangunan di Kawasan Perbatasan Negara*. Direktorat Daerah Tertinggal, Transmigrasi, dan Perdesaan. Retrieved fromhttp://kawasan.bappenas.go.id/images/data/
SRI SUARTINI. Local Financial Performance and Its Impact on Border Community Welfare

Produk/Kajian/Kajian_Pengembangan_Kebijakan_Asimetris_Dalam_Pembangunan_di_Kawasan_Perbatasan_Negara.pdf on 10 March 2019.

Ditjen PDT. (16 Januari 2018). Membangun Kawasan 3T, Membangun Beranda Indonesia. Kementerian Desa, Pembangunan Daerah Tertinggal dan Transmigrasi Republik Indonesia. Retrieved from https://ditjenpdt.kemendesa.go.id/index.php/view/detil/46/membangun-kawasan-3t-membangun-beranda-indonesia on 9 March 2019.

Fidelius. (2013). Analisis rasio untuk mengukur kinerja pengelolaan keuangan daerah Kota Manado. Jurnal Riset Ekonomi, Manajemen, Bisnis dan Akuntansi, 1(4), 2088-2096.

Fitriani, N.L.P., & Dwirandra, A.A.N.B. (2014). Penilaian kinerja keuangan daerah kabupaten/kota di Provinsi Bali tahun 2007-2011. E-Jurnal Akuntansi Universitas Udayana, 8(1), 211-227.

Halim, A. (2001). Akuntansi Sektor Publik-Akuntansi Keuangan Daerah. Jakarta: Salemba Empat.

Harteti, Y., Darwanis, & Abdullah, S. (2014). Pengaruh desentralisasi fiskal dan belanja daerah terhadap kinerja keuangan daerah pada kabupaten/kota di Provinsi Aceh. Jurnal Administrasi Akuntansi: Program Pascasarjana Universitas Syiah Kuala, 3(3), 90-99.

Haryanto, J.T. (2018). Kemandirian daerah dan prospek ekonomi wilayah Kalimantan. Indonesian Treasury Review, 3(4), 312-328.

Junarwati, Basri, H., & Abdulllah, S. (2013). Pengaruh pendapatan asli daerah terhadap kinerja keuangan daerah pada kabupaten/kota di Provinsi Aceh Tahun 2010-2012. Jurnal Telaah & Riset Akuntansi, 6(2), 186-193.

Mahulae, P.J.M. (2018). Evaluasi kinerja keuangan daerah Provinsi Sumatera Utara periode tahun 2009 s/d 2016. Jurnal Inovasi, 15(2), 125-136.

Marayadnya, I.W., Iqbal B., M., & Ikbal A., M. (2018). Analisis kinerja keuangan dan tingkat kesejahteraan masyarakat Kabupaten Donggala. E-Jurnal Katalogis, 6(2), 73-85.

Marlina, M., Indriani, M., & Fahlevi, H. (2017). Kinerja keuangan dan alokasi belanja modal: Studi pada kabupaten/kota di Provinsi Aceh. Jurnal Akuntansi Pascasarjana Universitas Syiah Kuala, 6(1), 21-30.

Ministry of Finance. (2019). APBD, Realisasi APBD, dan Neraca Setelah TA 2006. Directorate General of Fiscal Balance. Retrieved from http://www.djpk.kemenkeu.go.id/?p=5412 on 9 March 2019.

Nirwana, E., Taufik, T., & Ratnawati, V. (2014). Evaluasi kinerja keuangan dan tingkat kesejahteraan masyarakat pada Pemerintahan Kabupaten Bengkalis. Sorot: Jurnal Ilmu-ilmu Sosial, 9(1), 1-16.

Nugraha, & Amelia, T. (2017). Pengaruh dana perimbangan dan kemandirian keuangan daerah terhadap kesejahteraan masyarakat pada kabupaten dan kota di Jawa Barat tahun 2011-2014. Jurnal Wacana Kinerja, 20(1), 51-72.

Nuringsih, M. (2006). Analisis Penerimaan Pajak Daerah dan Retribusi Daerah Sebelum dan Sesudah Desentralisasi Fiskal di Propinsi Nanggroe Aceh Darussalam (Tesis tidak dipublikasikan). Program Pascasarjana Fakultas Ekonomi Universitas Indonesia, Jakarta.

Pilat, J.J., & Morasa, J. (2017). Analisis rasio keuangan Anggaran Pendapatan dan Belanja Daerah (APBD) Kota Manado untuk menilai kinerja keuangan Pemerintah Kota Manado tahun anggaran 2011-2015. Jurnal Accountability, 6(1), 45-56.

Pramono, J. (2014). Analisis rasio keuangan untuk menilai kinerja keuangan pemerintah daerah: Studi kasus pada Pemerintah Kota Surakarta. Jurnal Ilmiah Among Makarti, 7(13), 83-112.

Prihastuti, A.H., Taufik, T., & Agusti, R. (2015). Pengaruh Kinerja Keuangan terhadap Alokasi Belanja Modal dan Pertumbuhan Ekonomi di Kabupaten/Kota Riau. Sorot: Jurnal Ilmu-ilmu Sosial, 10(2), 143-154.

Ratna, I. (2012). Analisis kinerja keuangan daerah dan strategi pembangunan kota di era otonomi daerah pada Kota Pekanbaru. Jurnal El-Riyasah, 3(1), 1-10.

Suryaningsih, N.N., Utama, M.S., & Yasa, I.N.M. (2015). Dampak kinerja keuangan daerah terhadap kesejahteraan masyarakat kabupaten/kota di Provinsi Bali. E-Jurnal Ekonomi dan Bisnis Universitas Udayana, 4(08), 537-554.

The Central Bureau of Statistics. (2019). Data Sosial dan Kependudukan. Retrieved from https://www.bps.go.id on 1 April 2019.