

4). Nasional	Pindai halaman sampul, Panitia Pelaksana, Panitia pengarah, daftar isi dan bukti kinerja	10	
b. Disajikan dalam bentuk poster dan dimuat dalam prosiding yang dipublikasikan:			
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Nutrition and Food Innovation for Sustained Well-being

August 4-7, 2019 • Bali, Indonesia



FOOD SECURITY ON STUNTING AND NOT STUNTING CHILDREN FAMILY

IN TUALANG DISTRICT, SIAK REGENCY, RIAU PROVINCE

Aslis Wirda Hayati¹, Miftahul Jannah¹, Tonny Cortis Maigoda², Muharni¹, Alkausyari Aziz¹, Amany Akhyar³
¹Poltekkes Kemenkes Riau, ²Poltekkes Kemenkes Bengkulu, ³UIN Sultan Syarif Kasim Riau



BACKGROUND

The prevalence of stunting children in Siak Regency, Riau Province in 2015 was 25.3% (Health Ministry of the Indonesia Republic, 2016). In accordance with WHO standards (1997), a region is said to experience health problems if the prevalence of stunting toddlers is more than 20%. The Indonesian Department of Health (2000) reports that the indirect causes of malnutrition include food security in the family. Family food security is the fulfillment of adequate nutritional intake, food availability, and the ability of families to fulfill food socially (Rohaedi et al., 2014).

OBJECTIVE

The purpose of this study was to determine the family food security of stunting toddlers and non-stunting toddlers in Tualang Sub-District, Siak Regency, Riau Province.

METHOD

The cross-sectional study was carried out in Tualang Sub-District, Siak Regency, Riau Province which consisted of 9 villages. The study was conducted from August 2016 to April 2017. The population was 3.235 toddlers aged between 0 and 59 months, and the subjects were 576 toddlers (Lwanga & Lameshow, 1996). This study uses the Household Food Insecurity Access Scale (HFIAS) instrument by looking at food security data one month ago (the last four weeks when the survey was conducted). Family food security data was obtained by interviewing the subject's mother using a questionnaire consisting of 9 questions which included: food concerns, not being able to eat the desired food, consuming only a few types of food, consuming foods that were completely unwanted, eating small portions, reducing daily food, there is no food at all in the family, sleeping hungry, not eating all day. Data analysis conducted using Chi-Square Test.

RESULT

As many as 39.6% of subjects experienced stunting. The families of subjects who experienced food insecurity were 27.8% (10.1% of them were stunting and 17.7% of them were not stunting) (Table 1). There is no relationship between family food security of subjects with stunting occurrence ($p = 0.310$) (Table 2). The results of this study are different from the results of Masrin et al. (2014) who conducted a study on families who owned 23-month-old child and concluded that food-insecure families were 2.70 times more at risk of having stunting children compared to food-secure families.

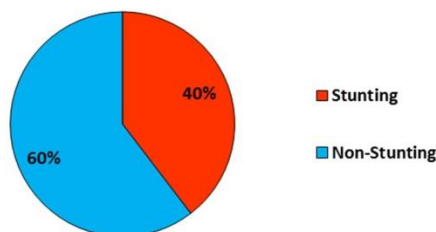
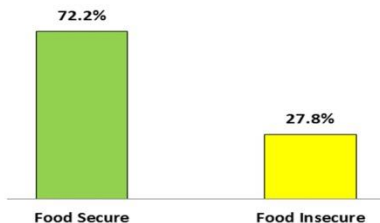


Table 2. Relationship between Family Food Security and The Occurrence of Stunting Subjects

Food Security	Nutritional Status		Amount	P Value
	Stunting	Non-Stunting		
	n (%)	n (%)	n (%)	
Food Insecure	58 (10.1)	102 (17.7)	160 (27.8)	0.310
Food Secure	170 (29.5)	246 (42.7)	416 (72.8)	
Total	228 (39.6)	348 (60.4)	576 (100.0)	



It is suspected that stunting is caused by other variables which not examined in this study. Utami and Sisca (2015) conducted a study on children under the age of two in Kebon Kalapa Village, Bogor Tengah Sub-District, and concluded that stunting was associated with the use of pacifier bottles every day ($p = 0.01$). In addition, the HFIAS method used in this study looked at family access to food which only asked for prescription in the last 1 month, while stunting was an impact on toddlers in a relatively long period of time. Further research is needed by using other methods about food security, for example, the Positive Method.

Table 1. Characteristics of Subject Mothers

General Data	Amount	n (%)
Mother's Education		
Never go to school	3	(0.5)
Elementary school (not graduated)	24	(4.2)
Elementary school (graduated)	65	(11.3)
Junior high school (graduated)	153	(26.6)
High school (graduated)	288	(50.0)
College (graduated)	43	(7.5)
Total	576	(100.0)
Mother's job		
Farmer (land owner)	2	(0.3)
Government employees	13	(2.3)
Private employees	17	(3.0)
Entrepreneur	14	(2.4)
Housewife	530	(92.0)
Total	576	(100.0)
Mother's tribe		
Melayu	212	(36.8)
Minang	123	(21.4)
Jawa	148	(25.7)
Batak	76	(13.2)
Nias	17	(3.0)
Total	576	(100.0)
Number of Family Members		
3 people	190	(32.6)
4 people	206	(35.8)
5 people	116	(20.1)
6 people	49	(8.5)
7 people	12	(2.1)
8 people	2	(0.3)
9 people	1	(0.2)
Total	576	(100.0)
Economic status		
Poor	151	(26.2)
Not poor	425	(73.8)
Total	576	(100.0)

CONCLUSION

There is no relationship between family food security and the occurrence of stunting children.

REFERENCES

Health Department of Republic of Indonesia. 2000. *National Development Plan for Health*. Jakarta: Directorate of Community Nutrition Development.

Riau Provincial Health Office, 2014. *Riau Province Health Profile 2014*. Pekanbaru: Riau Provincial Health Office.

Health Ministry of Republic of Indonesia. 2016. *Handbook of Monitoring Nutritional Status and Nutrition Performance Indicators 2015*. Jakarta: Kementerian Kesehatan RI.

Lwanga SK & Lameshow S. 1996. *Sample Size Determination Health Study*. Geneva. World Health Organization.

Masrin, Paratmanitya, Y & Aprilia, V. 2014. *Household Food Security Associated with Stunting in Children aged 6-23 Months*. Indonesian Journal of Nutrition and Dietetics, 2(3), 103-115.

Rohaedi, S. Julia, M & Gunawan, I. M. 2014. *Household Food Security Levels with Nutritional Status of Toddlers in Food Insecure Areas of Indramayu Regency*. Indonesian Journal of Nutrition and Dietetics, 2, 85-92.

Utami, N & Sisca, D. 2015. *Household Food Security Associated with Nutritional Status of Children Under Two Years in Kebon Kelapa Village, Bogor Tengah Sub-District, West Java*. Journal of The Indonesian Nutritional Association, 38

2. Panitia Pelaksana

<https://acn2019.org/committee/>

The image shows a screenshot of a web browser displaying the ACN2019 website. The browser window has multiple tabs, with the active tab being 'Committee - Asian Congress of Nutrition'. The address bar shows the URL 'https://acn2019.org/committee/'. The website header includes the ACN2019 logo and a navigation menu with items: Information, Program, Registration, Abstract, Awards, Sponsorship, Download, and Log In. The main content area is divided into sections: Organizing Committee, Chair, Vice Chair, Secretary, and Scientific Program. The Organizing Committee section lists the Chair (Prof Dr Hardinsyah, MS) and Vice Chair (Dr Minarto, MPS, Prof Dr Made Astawan, MSc, Prof Dr dr Endang Achadi, MPH, Prof Dr dr Nurpuji A. Taslim, MPH, Prof Dr Rindit Pambayun MP, M. Nur Hasan Syah SGz MSI). The Secretary section lists Dr Rimbawan and Dr Zuraidah Nasution. The Scientific Program section lists 12 international advisors from various countries and institutions, including Prof Dr Dodik Briawan, Dr Yoshiji Ohta, Mi-Kyeong Choi, Dr Siti Muslimatun, Dr dr Elvina Karyadi, Dr Marudut Sitompul, Prof Dr Hamam Hadi, Prof Dr Guansheng Ma, Dr Foo Leng Huat, Dr Visith Chavasit, Prof Dr Helene McNulty, and Prof Dr Robert M. Hackman. The International Advisors section lists Prof J. Alfredo Martinez, Dr V. Prakash, Prof Dr Teruo Miyazawa, and Dr Hisanori Kato.

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2. Dr Zuraidah Nasution, STP, MSc

Scientific Program


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1. Prof Dr Dodik Briawan, MCN (Chief Editor of Journal of Nutrition and Food)
2. Dr Yoshiji Ohta (Chief Editor of Journal of Nutritional Science and Vitaminology)
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3. Prof Dr Teruo Miyazawa, Japan (President of FANS)
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18. Emirates Clinical Nutrition Society
19. Iranian Nutrition Society
20. Lebanese Academy for Nutrition and Dietetics
21. Nutrition Society of Australia
22. Federation of European Nutrition Societies
23. African Nutrition Society
24. Indonesian Nutrition Association (PERSAGI)
25. Indonesian Dietitian Association (ASDI)
26. Indonesian Medical Nutrition Society (PDGMI)
27. Indonesian Clinical Nutrition Society (PDGKI)
28. Indonesian Public Health Association (IAKMI)
29. Indonesian Public Health Nutrition Association (IAGIKMI)
30. Indonesian Nutrition Bachelor Association (ISAGI)
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3. Agung A. Al-Hadad, SKom

Food and Logistic

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2. Kamila K. Jannah, SGz
3. Aviani Harfika, SGz

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3. Panitia Pengarah

The screenshot shows the top portion of the ACN2019 website. The browser address bar displays <https://acn2019.org/committee/>. The navigation menu includes: Information, Program, Registration, Abstract, Awards, Sponsorship, Download, and Log In. The main banner features a purple background with a white icon of three people and the word "COMMITTEE" in white capital letters. To the right of the banner is a scenic photograph of a traditional Indonesian temple (Pura) with a tiered roof, set against a backdrop of green hills and a blue sky. Below the banner, the heading "ACN 2019 ORGANIZATION" is displayed in purple. Underneath, the "Advisor" section lists three individuals:

- 1. Ir. Joko Widodo (President of the Republic of Indonesia) tbc.
- 2. Puan Maharani (Coordinating Minister for Human Development and Cultural Affairs) tbc.
- 3. Prof. Dr. Nila F. Moeloek (Minister of Health, Republic of Indonesia) tbc.

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This screenshot shows the lower portion of the ACN2019 website. The "Steering Committee" section lists 11 members:

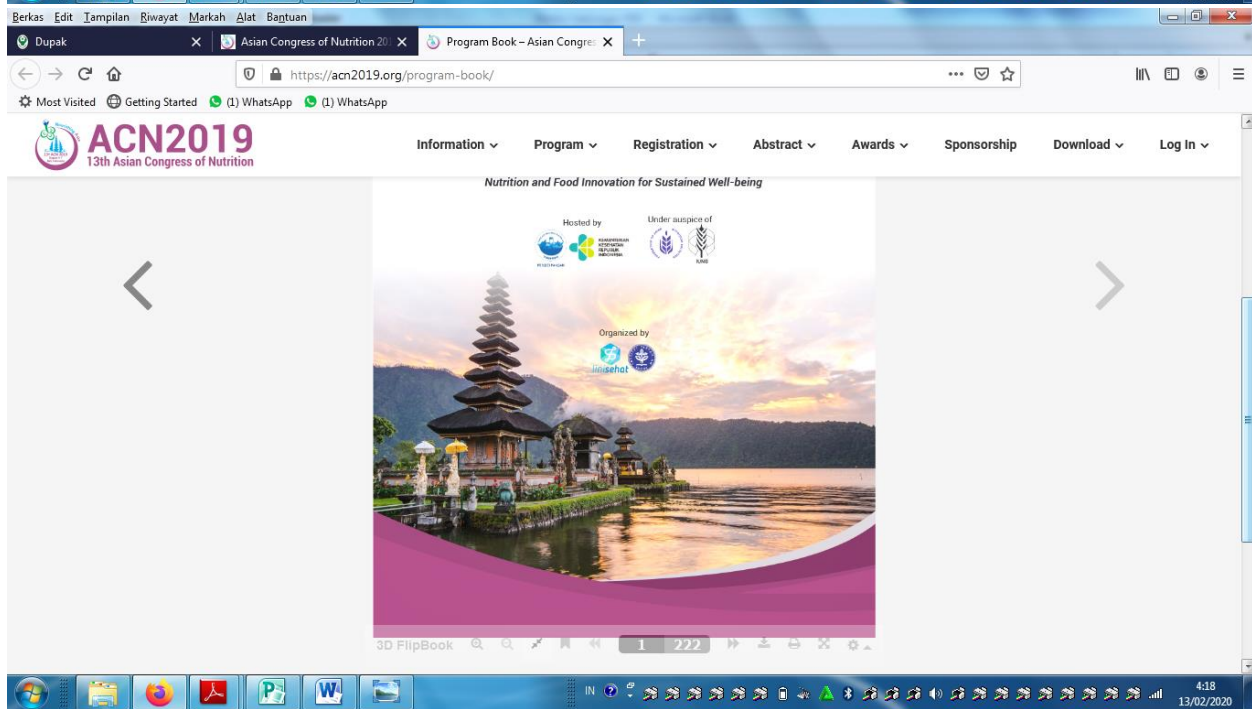
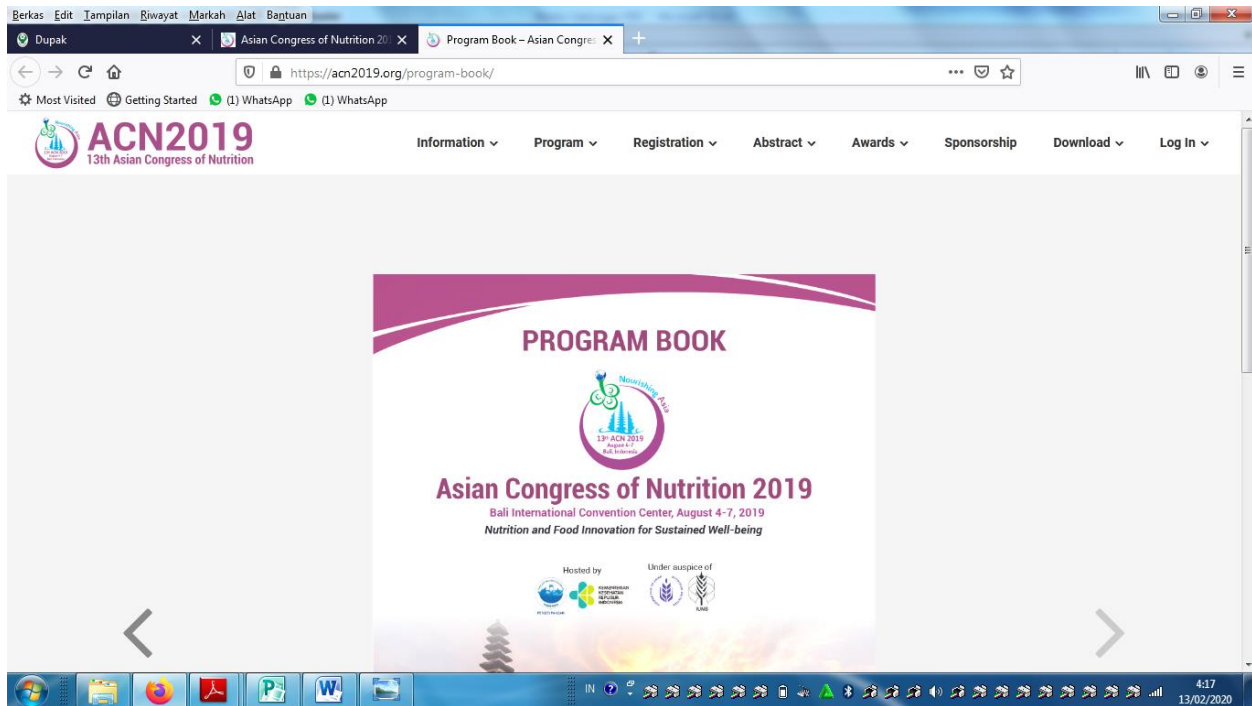
1. Prof. Dr. Purwiyatno Hariyadi, MSc (Vice Chairperson of Codex Alimentarius Commission)
2. Dr. Ir. Subandi, MSc (Head of Human Development, Society and Culture, National Development Planning)
3. Dr. Sigit Prihotomo, MPH (Deputy for Coordination of Health Improvement, Caretaker Head of National Population and Family Planning Board, BKKBN)
4. Dr. Kirana Pritasari, MQIH (Director General of Public Health, Ministry of Health)
5. Dr. Ir. Agung Hendriadi, MEng (Head of Food Security Agency)
6. Ir. Doddy Izwardy, MA (Director of Nutrition, Ministry of Health)
7. Ir. Adhi S. Lukman (Chairman of Indonesian Food and Beverage Association)
8. Prof. Dr. FG. Winarno, MSc (Atma Jaya Catholic University)
9. Prof. Dr. Aman Wirakartakusuma (Bogor Agricultural University)
10. Prof. Dr. dr. Fasil Djajal, MSc, SpGK (Jakarta State University)
11. Prof. Dr. dr. Agus Firmansyah, SpA(K) (University of Indonesia)

The "Organizing Committee" section lists:

- Chair**
 1. Prof. Dr. Hardinsyah, MS (President of Food and Nutrition Society of Indonesia)
- Vice Chair**

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Sirajuddin^a

^aMakassar Health Polytechnic, Indonesia

Dietary Diversity and Nutritional Status of Children in Food Insecure Area

Rian Diana^a, Annis Catur Adi^a, Dini Ririn Andrias^a

^aDepartment of Nutrition, Faculty of Public Health, Universitas Airlangga, Indonesia

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Food Security

Display 11

Food Security on Stunting and Not Stunting Children Family in Tualang District, Siak Regency, Riau Province

Aslis Wirda Hayati^a, Miftahul Jannah^a, Tonny Cortis Maigoda^b, Muharni^a, Alkausyari Aziz^a, Amany Akhyar^c

^aPoltekkes Kemenkes Riau, Indonesia; ^bPoltekkes Kemenkes Bengkulu, Indonesia; ^cUniversitas Islam Negeri Sultan Syarif Kasim Riau, Indonesia

Management Strategy for Household Food Security in Jambi Province

Suandi^a, Dompok MT Napitupulu^a, Yusma Damayanti^a, Endy Effra^a

^aJambi University, Indonesia

Poverty Alleviation Model in Communities Peatland Areas of Jambi Province

Suandi^a, Edion^a, Ira Wahyuni^a

^aJambi University, Indonesia



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of birth length was lower 3.38 cm among LBW infant ($p = 0.000$).
Conclusion: High prevalence of stunted and LBW infants in central Sulawesi can be prevented by decreasing anemia prevalence among pregnant women.

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Food Security on Stunting and Not Stunting Children Family in Tualang District, Siak Regency, Riau Province
 Aslis Wirda **Hayati**^a, Miftahul Jannah^b, Tonny Cortis Maigoda^b, Muhami^a, Alkausyari Aziz^a, Amany Akhyar^a
^aPoltekkes Kemenkes Riau, Indonesia; ^bPoltekkes Kemenkes Bengkulu, Indonesia; ^cUniversitas Islam Negeri Sultan Syarif Kasim Riau, Indonesia

Keywords: Toddlers · Stunting · Food security · HFIAS
Background/Aims: The purpose of this study was to determine the family food security of stunting and non-stunting children in Tualang Subdistrict, Siak Regency. **Methods:** The cross-sectional study was conducted in Tualang Subdistrict, Siak Regency, which consisted of 8 villages and one village. The study was carried out from August 2016 to April 2017. The population is 3,235, and the sample is 576 toddlers aged 0–59 months. The survey using the questionnaire of Household Food Insecurity Access Scale (HFIAS).
 This research aims to identify problems of food security in fishing and aquaculture communities, analyze determining factors, identify attempts undertaken by fishermen and aquaculture operators, and identify relevant government roles. This research uses a case study in Pangandaran, with data collected through surveys. **Methods:** Respondents were selected purposive: 20 fishermen, 20 aquaculture operators, 20 fish processors, 20 fish traders, and two West Java Provincial Marine Fisheries Service officials. Research was carried out in April – December 2018. Household food security of fishermen/aquaculture operators was measured using a Multiple Linear Regression while government policies were identified using the Analytical Hierarchy Process. **Results:** It was detected that 60% of households were categorized as secured, 15% less secured, 15% vulnerable, and 10% unsecured. Households of fishermen/aquaculture operators responded to these conditions with a variety of coping mechanisms: allocating parts of fish production for households consumption, selling some others to buy various kinds of food, and processing some others to get added value. These coping mechanisms were constrained by a number of factors, among which and the most important ones were knowledge and skills, capital, facilities and infrastructure, and market access. **Conclusion:** Government policy, therefore, should be focused on handling these constraining factors.

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Abstracts

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Anemia in Pregnancy and Low Birth Weight is Associated with Birth Length among Baby in Palu and Sigi
Ansar Mursaha^a, A. St. Bulkis^b
^aPalu Health Polytechnic, Indonesia; ^bBogor Agricultural University, Indonesia

Keywords: Anemia · Birth weight · Birth length

Background/Aims: Prevalence of Anemia on pregnancy, Low birth weight and length infant in Central Sulawesi Province is high and Low Birth Weight (LBW) in central Sulawesi is the highest among all provinces in Indonesia. This study was aimed to know the effect of anemia in pregnancy and low birth weight on birth length among baby in Palu and Sigi. **Methods:** This study was a longitudinal with cohort design involving 104 samples using purposive sampling conducting in two district (Palu City and Sigi). 26 anemic and 26 non-anemic pregnant mother on second and third trimester in each district was chosen at baseline and followed to measured birth weight and length of babies. Hemoglobin was measured by using portable Hb meter and length was measured by using fiber lengthboard. Data were analyzed using Chi-Square with OR and independent t test. **Results:** This study showed 18 (17.3%) infants were LBW and 59 (56.7%) infants were stunted. Among 18 LBW infants there were 11 (61.1%) infants were born from anemic mother (p = 0.004, OR = 6.4, CI 95% = 1.8-24.6) and among 59 stunted infants there were 34 (57.6%) infants were born from anemic mother (p = 0.113). Mean of birth weight and length was lower 27% (p = 0.007) and 4.8 mm (p = 0.001) among anemic mother. Most of (94.4%) LBW infant were stunted (p = 0.001) and mean of birth length was lower 3.56 cm among LBW infant (p = 0.000). **Conclusion:** High prevalence of stunted and LBW infants in central sulawesi can be prevented by decreasing anemia prevalence among pregnant women.

Family-based Family Vulnerability Access Scale (SAKPaKe) by looking one month back (last four weeks at the time the survey conducted). Data analysis using Chi-Square Test. **Results:** The prevalence of stunting toddlers is 39.6%. Families that do not hold food are 27.8%. Families that do not hold food have stunting toddlers as much as 10.1% and have stunting children as much as 17.7% while food-resistant families have stunting toddlers as much as 29.5% and have non-stunting children as much as 42.7%. **Conclusion:** Family access to food for the past one month did not affect the family food security of children under five under five. Allegedly stunting is caused by other variables not examined in this study. Further research needs to be done using different methods of food security, for example, positive deviance methods.

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Food Security Issue and Household Coping Mechanism In Fishing and Aquaculture Communities (A Case Study of Pangandaran, West Java, Indonesia)
Atkhan Nurhasyap^a
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Keywords: Household coping mechanism · Food security · Fishing and Aquaculture Communities · West Java Pangandaran

Background/Aims: Food is a basic human need. Many communities, including the fishing and aquaculture communities, are still facing difficulty in fulfilling food sufficiency. Fishing and aquaculture households attempted coping mechanisms independently, but they are constrained by a variety of factors and thus the government should come with a help to overcome constraints. This research aims to identify problems of food security in fishing and aquaculture communities, analyze determining factors, identify attempts undertaken by fishermen and aquaculture operators, and identify relevant government roles. This research uses a case study in Pangandaran, with data collected through surveys. **Methods:** Informants were selected purposive: 20 fishermen, 20 aquaculture operators, 20 fish processors, 20 fish traders, and two West Java Provincial Marine Fisheries Service officials. Research was carried out in April - December 2018. Household food security of fishermen/aquaculture operators was measured using a Multiple Linear Regression while government policies were identified using the Analytical Hierarchy Process. **Results:** It was detected that 60% of households were categorized as secured, 19% less secured, 19% vulnerable, and 10% unsecured. Households of fishermen/aquaculture operators responded to these conditions with a variety of coping mechanisms: allocating parts of fish production for household consumption, selling some others to buy various kinds of food, and processing some others to get added value. These coping mechanisms were constrained by a number of factors, among which and the most important ones were knowledge and skills, capital, facilities and infrastructure, and market access. **Conclusion:** Government policy, therefore, should be focused on handling these constraining factors.

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Anemia in Pregnancy and Low Birth Weight is Associated with Birth Length among Baby in Palu and Sigi
Ansar Mursaha^a, A. St. Bulkis^b
^aPalu Health Polytechnic, Indonesia; ^bBogor Agricultural University, Indonesia

Keywords: Anemia · Birth weight · Birth length

Background/Aims: Prevalence of Anemia on pregnancy, Low birth weight and length infant in Central Sulawesi Province is high and Low Birth Weight (LBW) in central Sulawesi is the highest among all provinces in Indonesia. This study was aimed to know the effect of anemia in pregnancy and low birth weight on birth length among baby in Palu and Sigi. **Methods:** This study was a longitudinal with cohort design involving 104 samples using purposive sampling conducting in two district (Palu City and Sigi). 26 anemic and 26 non-anemic pregnant mother on second and third trimester in each district was chosen at baseline and followed to measured birth weight and length of babies. Hemoglobin was measured by using portable Hb meter and length was measured by using fiber lengthboard. Data were analyzed using Chi-Square with OR and independent t test. **Results:** This study showed 18 (17.3%) infants were LBW and 59 (56.7%) infants were stunted. Among 18 LBW infants there were 11 (61.1%) infants were born from anemic mother (p = 0.004, OR = 6.4, CI 95% = 1.8-24.6) and among 59 stunted infants there were 34 (57.6%) infants were born from anemic mother (p = 0.113). Mean of birth weight and length was lower 27% (p = 0.007) and 4.8 mm (p = 0.001) among anemic mother. Most of (94.4%) LBW infant were stunted (p = 0.001) and mean of birth length was lower 3.56 cm among LBW infant (p = 0.000). **Conclusion:** High prevalence of stunted and LBW infants in central sulawesi can be prevented by decreasing anemia prevalence among pregnant women.

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Food Security on Stunting and Not Stunting Children Family in Tualang District, Siak Regency, Riau Province
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Keywords: Toddlers · Stunting · Food security · HHAS

Background/Aims: The purpose of this study was to determine the family food security of stunting and non-stunting children in Tualang Subdistrict, Siak Regency. **Methods:** The cross-sectional study was conducted in Tualang Subdistrict, Siak Regency, which consisted of 4 villages and one village. The study was carried out from August 2016 to April 2017. The population is 3,231, and the sample is 756 toddlers aged 0-59 months. The survey using the questionnaire of Household Food Insecurity Access Scale (HHIAS).

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Food Security Issue and Household Coping Mechanism In Fishing and Aquaculture Communities (A Case Study of Pangandaran, West Java, Indonesia)
Atkhan Nurhasyap^a
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Keywords: Household coping mechanism · Food security · Fishing and Aquaculture Communities · West Java Pangandaran

Background/Aims: Food is a basic human need. Many communities, including the fishing and aquaculture communities, are still facing difficulty in fulfilling food sufficiency. Fishing and aquaculture households attempted coping mechanisms independently, but they are constrained by a variety of factors and thus the government should come with a help to overcome constraints. This research aims to identify problems of food security in fishing and aquaculture communities, analyze determining factors, identify attempts undertaken by fishermen and aquaculture operators, and identify relevant government roles. This research uses a case study in Pangandaran, with data collected through surveys. **Methods:** Informants were selected purposive: 20 fishermen, 20 aquaculture operators, 20 fish processors, 20 fish traders, and two West Java Provincial Marine Fisheries Service officials. Research was carried out in April - December 2018. Household food security of fishermen/aquaculture operators was measured using a Multiple Linear Regression while government policies were identified using the Analytical Hierarchy Process. **Results:** It was detected that 60% of households were categorized as secured, 19% less secured, 19% vulnerable, and 10% unsecured. Households of fishermen/aquaculture operators responded to these conditions with a variety of coping mechanisms: allocating parts of fish production for household consumption, selling some others to buy various kinds of food, and processing some others to get added value. These coping mechanisms were constrained by a number of factors, among which and the most important ones were knowledge and skills, capital, facilities and infrastructure, and market access. **Conclusion:** Government policy, therefore, should be focused on handling these constraining factors.