

Nilai Tukar Petani Provinsi Sulawesi Utara 2014

Farmers' Terms of Trade in North Sulawesi 2014



**Badan Pusat Statistik
Provinsi Sulawesi Utara**

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Data yang disajikan meliputi :

- Indeks Harga yang diterima Petani
- Indeks Harga yang dibayar Petani
- Nilai Tukar Petani

Publikasi ini juga menyajikan konsep, definisi, metodologi pengumpulan data dan uraian singkat mengenai trend NTP, indeks harga yang diterima petani, dan indeks yang dibayar petani sepanjang tahun 2014. Dengan demikian para pemakai data dapat memahami dengan baik proses penghitungan NTP sebagai pengukur kemampuan nilai tukar barang-barang (produk) yang dihasilkan petani terhadap barang/jasa yang dikonsumsi rumah tangga petani, termasuk barang dan jasa untuk memproduksi komoditas pertanian.

Kami mengharapkan saran dan kritik yang membangun dari para pengguna data untuk perbaikan dan penyempurnaan publikasi ini di waktu mendatang. Kepada semua pihak yang telah membantu diucapkan terima kasih.

Manado, Agustus 2015
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Faizal Anwar

Preface

The publication of “Farmers’ Terms of Trade (FTT) Statistics in North Sulawesi 2014” is from the processing data of the head quarter of BPS-Statistics Indonesia (BPS), based on data collection interviewed in BPS regencies, specifically in rural areas in the format of Consument Price in Rural Reports and Producers Prices Statistics Survey conducted in 2014.

Farmers’ Terms of Trade in North Sulawesi 2014 covers data in 2014, in terms of:

- *Prices Received by Farmers Indices*
- *Prices Paid by Farmers Indices*
- *Farmer’s Terms of Trade*

This publication also provide the concepts and definitions, data collection method, and brief review about (FTT), prices received by farmers indices, and prices paid by farmers indices in 2014. Therefore user data can have robust comprehensions of the calculation and measurement of FTT as the indicator of goods/ services produced compare to goods/ services consumed by including goods/ services to produce the agricultural products.

To all parties who have been involved in the preparation of this publication, I would like to express my appreciation. Hopefully this publication will be useful reference for any purposes. Comments and suggestions to improve the contents of this publication are always welcomed.

*Manado, August 2015
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Faizal Anwar

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1. PENDAHULUAN/ INTRODUCTION

1.1. Latar Belakang

Salah satu tujuan pembangunan adalah mewujudkan masyarakat yang adil, makmur dan sejahtera dalam segala sektor. Mengingat Indonesia adalah negara agraris, di mana sekitar dua per tiga penduduk Indonesia masih menggantungkan hidupnya di sektor pertanian. Oleh sebab itu dengan latar belakang negara agraris diharapkan sektor pertanian ini dapat menjadi motor penggerak pertumbuhan ekonomi yang mampu meningkatkan pendapatan petani.

Diperlukan suatu ukuran yang dapat digunakan untuk mengukur keberhasilan pembangunan di sektor pertanian. Salah satu alat ukur yang dapat dipakai adalah ukuran kesejahteraan para petani atau Nilai Tukar Petani (NTP). NTP adalah rasio antara indeks harga yang diterima petani (I_t) dengan indeks harga yang dibayar petani (I_b) dalam persentase. I_t adalah indikator tingkat kesejahteraan petani produsen dari sisi pendapatan, sedangkan I_b dari sisi kebutuhan petani baik untuk konsumsi maupun produksi. Bila I_t atau I_b lebih besar dari 100, berarti I_t atau I_b lebih tinggi dibandingkan I_t atau I_b pada tahun dasar.

1.1. Background

One of the development goals is to make the society in equitable and prosperous life in any kind of economic sectors. Indonesia is an agricultural country, in which two third of its citizens earn their living in agricultural sector. Therefore, this agricultural sector is expected to be a vital sector to boost the economy growth which in turn will increase the economic income of all business sectors, especially that of farmers.

To examine the success of the development in agricultural sector, indicators are needed to evaluate the progress in this sector. One of the indicators that can be applied to describe the welfare of farmers is Farmers' Terms of Trade (FTT). FTT is a ratio between prices received index (I_t) and prices paid index (I_b) in percentage. Prices received index (I_t) from farmers is an indicator to reflect the welfare of farmers as producers in terms of income, and prices paid index is an indicator to reflect the cost of farmers, either for household consumption or farming production. If I_t or I_b is greater than 100, means that I_t or I_b is higher than I_t or I_b of base year.

Dengan kata lain NTP adalah produk pengukur kemampuan tukar barang (produk) pertanian yang dihasilkan petani dengan barang atau jasa yang diperlukan untuk konsumsi rumah tangga dan keperluan dalam memproduksi produk pertanian.

1.2 Kegunaan

2. Indeks yang diterima petani (I_t) dapat melihat fluktuasi harga barang-barang yang dihasilkan petani. Indeks ini juga dapat digunakan untuk mendukung penghitungan pendapatan sektor pertanian.
3. Dari kelompok konsumsi rumah tangga dalam indeks harga yang dibayar petani (I_b), dapat menggambarkan fluktuasi harga barang-barang yang dikonsumsi oleh petani yang merupakan bagian terbesar dari masyarakat pedesaan. Sedangkan dari kelompok biaya produksi dapat digunakan untuk melihat fluktuasi harga-harga barang yang digunakan untuk memproduksi barang-barang pertanian.
4. NTP bermanfaat untuk mengukur kemampuan tukar produk yang dijual petani dengan produk yang dibutuhkan petani dalam memproduksi.

In other word, FTT is a tool to measure the ability of famers in terms of exchanging products and services that are produced by farmers, and services that are needed by farmers for household and for the production process of farming.

1.2 Objectives

2. *Prices received index can reflect the fluctuation of prices of products that produced by farmers. This indicator can be used to calculate the total income of agricultural sector.*
3. *From the consumption of household group in prices paid index represents the fluctuation of prices of products consumed by farmers which is the main part of people who are living in rural. In the other hand, production costs can be applied for examining the fluctuation of prices in terms of goods that are used for the agricultural products.*
4. *FTT gives a benefit to measure the capability of exchange of products that are sold by farmers and product exchange that are needed by farmers in relationship with the production process.*

Hal ini terlihat bila dibandingkan dengan kemampuan tukarnya pada tahun dasar. Dengan demikian, NTP dapat dipakai sebagai salah satu indikator dalam menilai tingkat kesejahteraan petani.

1.3 Ruang Lingkup

Cakupan data pada publikasi ini adalah data keadaan tahun 2014 pada lima sub sektor pertanian, yaitu tanaman pangan, tanaman hortikultura, tanaman perkebunan rakyat (TPR), peternakan, dan perikanan.

It can be seen vividly if only compared the ability of farmers in terms of current exchange products and the ability of farmers in a base year. Thus, the FTT can be used as an indicator in evaluating the welfare of farmers.

1.3 Data Scope

The scope of data in this publication is in the time frame 2014 in the five agricultural sub sectors, such as, Food Crops, Horticulture, Smallholders Plantation Estate Crops, Animal Husbandry, and Fisheries sub sector.

2. METODE PENGUMPULAN DATA / DATA COLLECTION METHODOLOGY

Data NTP dihitung berdasarkan dari hasil pengumpulan data hasil wawancara yang diperoleh dengan menggunakan daftar HKD-1, HKD-2.1, HKD-2.2, HD-1, HD-2, HD-3, HD-4, HD-5.1, dan HD-5.2.

- a. Daftar HKD-1 digunakan untuk mencatat harga yang dibayar oleh konsumen perdesaan kelompok makanan.
- b. Daftar HKD-2.1 digunakan untuk mencatat harga yang dibayar oleh konsumen perdesaan kelompok konstruksi, jasa, dan transportasi.
- c. Daftar HKD-2.2 digunakan untuk mencatat harga yang dibayar oleh konsumen perdesaan kelompok aneka perlengkapan rumah tangga dan lainnya.
- d. HD-1 digunakan untuk mencatat harga produsen yang diterima petani dan harga yang dibayar petani untuk keperluan biaya produksi pada subsektor tanaman pangan.
- e. HD-2 digunakan untuk mencatat harga produsen yang diterima petani dan harga yang dibayar petani untuk keperluan biaya produksi untuk subsektor hortikultura.

Farmers' Terms of Trade is counted based on data collection from data field work/interview to farmers by using eight types of questionnaires; HKD-1, HKD-2.1, HKD-2.2, HD-1, HD-2, HD-3, HD-4, HD-5.1, and HD-5.2.

- a) *HKD-1 questionnaire is used to record paid prices of consumers in rural area for food cost.*
- b) *HKD-2.1 questionnaire is applied to record paid prices of consumers in rural area for cost of constructions, services, and transportation.*
- c) *HKD-2.2 questionnaire is used to record paid prices of consumers in rural area for house holds supplies and others.*
- d) *HD-1 is used for recording producer prices that come from farmers and costs for agricultural production process in relationship with sub sector of Food Crops.*
- e) *HD-2 is used for recording producer prices that come from farmers and costs for production processes in horticulture crops.*

- f. HD-3 digunakan untuk mencatat harga produsen yang diterima petani dan harga yang dibayar petani untuk keperluan biaya produksi untuk subsektor tanaman perkebunan rakyat.
- g. HD-4 digunakan untuk mencatat harga produsen yang diterima petani dan harga yang dibayar petani untuk keperluan biaya produksi untuk subsektor peternakan.
- h. HD-5.1 digunakan untuk mencatat harga produsen yang diterima petani dan harga yang dibayar petani untuk keperluan biaya produksi untuk subsektor perikanan tangkap.
- f. *HD-3 is applied to record producer prices that are made of farmers from their agricultural business and all of costs that they spent for production process of Smallholders Estate Crops sub sector.*
- g. *HD-4 is used for getting information of producer prices that achieved from farmers and paid prices of goods and services for production process of animal husbandry sub sector.*
- h. *HD-5.1 is used for getting information of producer prices that are produced by farmers and all of costs that spent for agricultural production process in fisheries sub sector.*

3. KONSEP DAN DEFINISI / CONCEPTS AND DEFINITIONS

Beberapa konsep dan definisi yang dipergunakan dalam perhitungan NTP antara lain:

1. Nilai Tukar Petani adalah angka perbandingan antara indeks harga yang diterima (I_t) dan dibayar (I_b) petani dengan indeks harga yang dibayar petani yang dinyatakan dalam persentase. *Indeks harga yang diterima petani* adalah indeks harga yang menunjukkan perkembangan harga produsen atas hasil produksi petani. *Indeks harga yang dibayar petani* adalah indeks harga yang menunjukkan perkembangan harga kebutuhan rumah tangga petani, baik itu kebutuhan untuk konsumsi rumah tangga maupun kebutuhan untuk proses produksi pertanian.
2. Petani adalah orang yang mengusahakan usaha pertanian (tanaman pangan, tanaman hortikultura, tanaman perkebunan rakyat, peternakan, dan perikanan) atas resiko sendiri dengan tujuan untuk dijual, baik sebagai petani penggarap (sewa/kontrak/bagi hasil). Orang yang bekerja di sawah/ladang orang lain dengan mengharapkan upah (buruh tani) bukan termasuk petani.

Some concepts and definitions used in the FTT are:

1. *Farmers' Terms of Trade is the ratio between indices of prices received and prices paid by farmers that is counted in percentage. Index of prices received is prices index that shows the progress of producer prices related with the agricultural products. Meanwhile, index of prices paid by farmers are prices index that indicate the progress of prices of house hold need for farmers, either for needs of household cconsumption or needs for agricultural production process.*
2. *Farmers are people who are working in agricultural sector (in the sub sector of food crops, horticulture, Smallholders Plantation Estate Crops, Animal Husbandry, and Fisheries) and responsible of risks that may come from farming. More over, the agricultural outputs are for saled, either as tenant farmers (rented/ contract/ profit sharing). People working in the fields of others and expecting wages (hodge) are not including farmers.*

3. Harga yang diterima petani adalah rata-rata harga produsen dari hasil produksi petani sebelum ditambahkan biaya transportasi / pengangkutan dan biaya pengepakan ke dalam harga penjualannya atau disebut Farm Gate (harga di sawah/ladang setelah pemetikan). Harga rata-rata adalah harga yang bila dikalikan dengan volume penjualan petani akan mencerminkan total uang diterima petani tersebut.
4. Harga yang dibayarkan petani adalah rata-rata harga eceran barang/jasa yang dikonsumsi atau dibeli petani, baik untuk memenuhi kebutuhan rumah tangganya sendiri maupun untuk keperluan biaya produksi pertanian.
5. Pasar adalah tempat terjadinya transaksi antara penjual dan pembeli atau pertemuan antara penawaran dan permintaan. Pada kecamatan yang sudah terpilih sebagai sampel, pasar yang dicatat haruslah pasar yang cukup mewakili dengan syarat antara lain: paling besar, banyak pembeli dan penjual, jenis barang yang diperjualbelikan cukup banyak dan terjamin kelangsungan pencatatan harganya, serta terletak di daerah pedesaan.
3. *Prices received by farmers are the average of producer prices from farmers' products before the added cost of transportation/ transport and packaging costs into sales prices or Farm Gate (the prices when sold in the paddy field/ field after harvesting). Average prices is the prices when multiplied by the volume of farm sales will reflect the total money received by farmers.*
4. *Prices paid by farmers is the average retail prices of goods/services consumed or purchased by farmers, both to meet needs of their own house household or for the purposes of agricultural production costs.*
5. *The market is a place where the transaction between the sellers and buyers or transaction between supply and demand. For districts that have been selected as samples, a market that accounted for the market should be fairly represented on the condition as follows; the size of markets, size of buyers and sellers, the type of goods bought and sold is relatively in a big amount, and reliable in continuity of recording prices. In addition, the market lies in rural areas.*

6. Harga eceran pedesaan adalah harga transaksi antara penjual dan pembeli secara eceran dipasar setempat untuk tiap jenis barang yang dibeli dengan tujuan kepada pihak lain. Harga yang dicatat adalah harga modus (yang terbanyak muncul) atau harga rata-rata biasa dari beberapa pedagang / penjual yang memberikan datanya.

Arti angka NTP

Secara umum ada tiga macam pengertian NTP, yaitu:

1. $NTP > 100$, berarti petani mengalami surplus. Harga komoditas pertanian naik lebih besar dari kenaikan harga barang/jasa konsumsi dan biaya produksi. Pendapatan petani naik lebih besar dari pengeluarannya dengan demikian dapat diindikasikan bahwa tingkat kesejahteraan petani lebih baik dibandingkan dengan tingkat kesejahteraan petani pada periode tahun dasar.
2. $NTP = 100$, berarti petani mengalami impas/break even. Kenaikan/penurunan harga komoditas pertanian sama dengan persentase kenaikan/penurunan harga barang/jasa konsumsi dan biaya produksi.

6. *Rural retail price is the price of transactions between sellers and buyers in the local retail market for each type of goods purchased with the purpose to other parties. Price recorded is the price mode (which most appear) or the average price of some vendors/sellers who provide the data.*

The Meaning of FTT

In general there are three kinds if FTT:

1. $FTT > 100$, it means that farmers get surplus. The price of agricultural commodities increase faster than the increase in prices of goods/services for consumption and production costs. Farmers' income increase faster than their expenditure, and consequently the level of farmers' welfare is better than the base year period.

2. $FTT = 100$, it means that farmers run into a breakeven. The increase/decrease in the price of agricultural commodities is equal to the percentage of prices increase/decrease of goods/services for consumption and production costs. Farmers' welfare is not changed

Tingkat kesejahteraan petani tidak mengalami perubahan.

3. NTP < 100, berarti petani mengalami defisit. Kenaikan harga komoditas pertanian relatif lebih kecil dibandingkan dengan kenaikan harga barang/jasa konsumsi dan biaya produksi. Tingkat kesejahteraan petani pada suatu periode mengalami penurunan disbanding tingkat kesejahteraan petani pada periode tahun dasar.

3. FTT < 100, it means that farmers are deficit. The increase in the price of agricultural commodities is relatively small compared to the increase in prices of goods/services for consumption and production costs. Farmers's welfare is lower than the base year period.

4. ULASAN SINGKAT / REVIEW

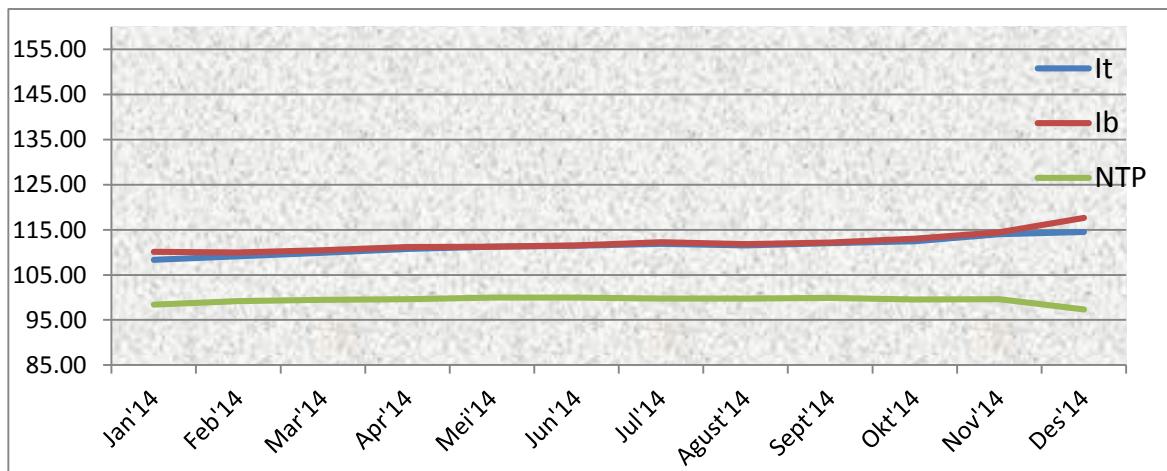
4.1 NTP Umum

Selama periode Januari - Desember 2014, NTP (Nilai Tukar Petani) Provinsi Sulawesi Utara relatif tidak menunjukkan fluktuasi naik turun yang berarti dari bulan ke bulan. Dimulai dengan nilai 98,39 di bulan Januari dan diakhiri pada nilai 99,37 pada bulan Desember. Perubahan yang tak berarti terlihat di triwulan pertama. Bulan pertama dan kedua di tahun 2014, NTP berjalan meningkat dari nilai 98,39 menuju 99,20, selanjutnya nilai tersebut terus meningkat di akhir triwulan kedua pada nilai 99,99. NTP bergerak turun pada awal triwulan ketiga, yakni Juli, pada nilai 99,73 dan terus meningkat pada akhir triwulan ketiga, bulan September, pada nilai 99,87. Nilai NTP mengalami penurunan tertinggi di saat mengakhiri tahun 2014, di bulan Desember, dengan nilai 97,35.

4.1 the General FTT

During the period of January to December 2014, the FTT of North Sulawesi province relatively does not show the ups and down fluctuation through the months. It started from a value of 98,39 in January and ended up at the value of 99.37 in December. Unsignificantly Changes occurred in the first quarter. In the first and second month of 2014, the FTT seems to be increase at 98,39 to be 99,20, and then it continued to incline at the end of second quarterly monthly period at 99,99. FTT is decline at the beginning of the third quarterly monthly, which is in July, at the point 99,73 and it keep increasing in the third quarter, September, at the point 99,87. The highest declined of FTT happened in the last month of 2014, at point 97,35.

Grafik 1. Perkembangan Nilai Tukar Petani Provinsi Sulawesi Utara, 2014
Graph 1. Farmers' Terms of Trade Growth of North Sulawesi Province, 2014



NTP Provinsi Sulawesi Utara di sepanjang tahun 2014 setiap bulannya selalu berada di bawah angka 100, artinya bahwa selama bulan Januari hingga Desember tahun 2014 umumnya petani di Sulawesi Utara mempunyai kehidupan yang kurang lebih baik dibandingkan dengan kondisi sebelumnya di tahun dasarnya, yakni tahun 2012. Dengan kata lain petani di Sulawesi Utara di tahun 2014 memiliki kemampuan daya beli yang kurang lebih baik dibandingkan keadaan petani di tahun dasarnya, tahun 2012. Dengan kata lain kemampuan petani dalam memenuhi kebutuhan rumah tangganya dan kebutuhan biaya produksi pertaniannya tidak lebih baik jika dibandingkan dengan kemampuan petani yang di tahun dasar 2012.

Range NTP sepanjang tahun 2014, NTP tertinggi sebesar 99,99 terjadi pada bulan Juni dengan I_t sebesar 111,50 dan I_b sebesar 111,51, sedangkan yang terendah terjadi di bulan Desember yang berada pada nilai 97,35 dengan I_t sebesar 144,55 dan I_b sebesar 114,45.

FTT of Province of North Sulawesi in the long run of 2014 per month is always below 100. This means that in general farmers living in North Sulawesi have not experienced a better life yet from January to December 2014 compared to farmers' experience in the base year, 2012. In other words, the farmers in the North Sulawesi had less power in pursuing all their needs for their family and all of the cost for their agriculture compared to the base year 2012.

From the range of FTT throughout the year 2014, the highest increase of FTT in 2014 existed in Junes 2014, at the point 99,99 with index of I_t is 111,50 and I_b is 111,51, while the lowest FTT occured in December at the point of 97,35, by giving I_t at 144,55 and I_b at 114,45.

Sepanjang tahun 2014, I_t menunjukkan pola yang berfluktuasi. I_t berada pada range antara 108.36 sampai dengan 114.55 dengan rata-rata pergerakan setahun sebesar 111.45. Memasuki triwulan pertama (Januari-Maret), I_t sedikit menunjukkan perubahan berarti, yaitu mengalami peningkatan hingga bulan Maret sebesar 0.70. Memasuki triwulan kedua di bulan April, I_t mengalami peningkatan yang sama dibandingkan dengan bulan sebelumnya. Indeks ini terus mengalami peningkatan pada awal triwulan ketiga, di bulan Juli yakni sebesar 111.50 atau sebesar 0.38 persen. Bulan Agustus, indeks ini sempat menurun sebesar 0.32 persen dan kembali meningkat di bulan berikutnya hingga diakhiri di Bulan Desember dengan peningkatan sebesar 0.47 persen.

Hasil pola persebaran indeks yang diterima petani (I_t) seperti yang disebutkan sebelumnya dapat disimpulkan bahwa output petani yang dikonversikan pada harga-harga komoditi yang diterima petani dari penjualan produk pertaniannya relatif mengalami fluktuasi yang tidak tinggi. Hanya saja ketika memasuki bulan kedelapan tahun 2014, kemampuan daya jual atas hasil usahanya mengalami penurunan.

In the year 2014, the I_t shows a fluctuating pattern in the range between 108.36 and 114.55 with the moving average in one year is 111.45. In the beginning of first quarter (January-March), the I_t showed a small significant change which is increasing until March by 0.70. Moreover, in the beginning of second quarter in April, it did not change significantly. This index had increased in the third quarter, starting from July at 111.50 or 0.38 percent. This index fell down for 0.32 percents in August and increase again in the next month until in the end of 2014, December, the index keep showing a good performance by increasing at 0.47 percent.

According to the distribution of price received index (I_t) as mentioned in the previous section, it can be concluded that the output of farmers converted by commodity prices accepted from the agricultural product market is slightly fluctuated. However, in the beginning of the eighth month of 2014, the market power of farmers for the agricultural production is showing declining performance.

Berbeda dengan I_t , I_b menunjukkan fluktuasi yang cukup menarik dari bulan ke bulan. Di mulai dengan nilai 108,36 di bulan Januari, indeks I_t mengalami peningkatan secara pasti di setiap bulan, hingga ditutup dengan nilai 114,55 di bulan Desember.

Indeks I_b terbesar di sepanjang tahun 2014 berada di bulan Desember sebesar 117,66. Pergerakan perubahan indeks ini lebih disebabkan pada pergerakan indeks harga konsumsi rumah tangga dan Biaya Produksi dan Penambahan Barang Modal (BPPBM) yang dikeluarkan oleh petani. Sama halnya indeks I_b , indeks konsumsi rumah tangga dan BPPBM yang tertinggi terjadi di bulan Desember, dengan besar indeks masing-masing sebesar 120,49 untuk indeks konsumsi rumah tangga dan 110,06 untuk BPPBM.

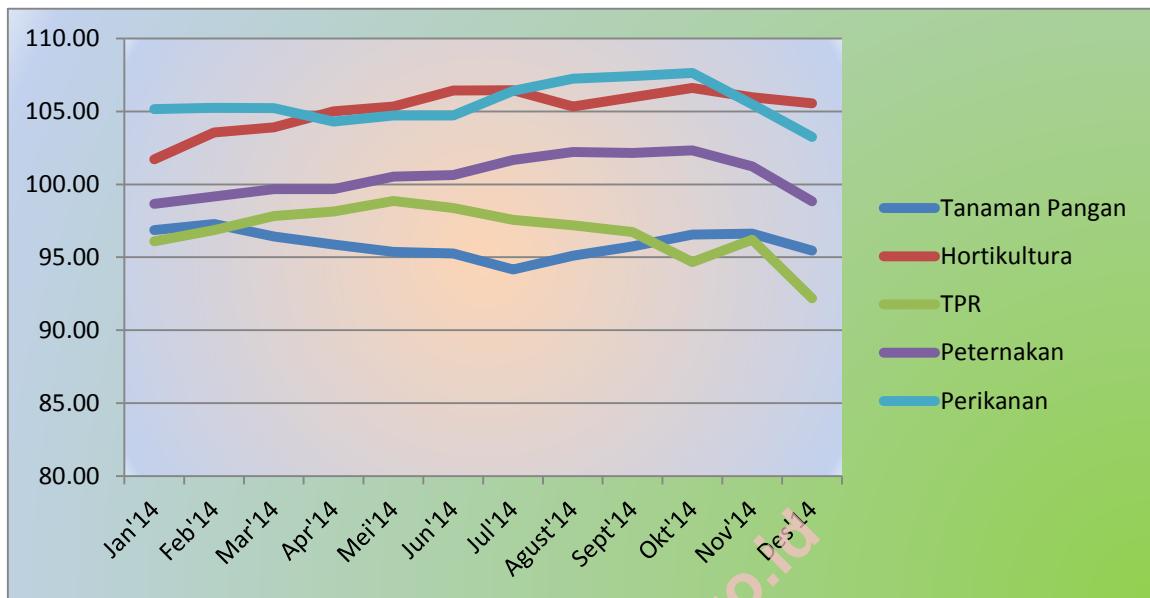
Dilihat per subsektor, subsektor hortikultura dan perikanan yang memiliki NTP yang selalu diatas 100 sepanjang tahun 2014. Hal ini diindikasikan bahwa petani yang berada pada sub sektor hortikultura dan perikanan memiliki keadaan kesejahteraan yang lebih baik dibandingkan dengan petani yang berada di sub sektor lainnya.

In contrast to the I_t , the I_b shows a pretty interesting fluctuations from month to month. Started from 138,11 in the first quarter in January, this index steadily increase every month until in the end of year, this index stop at 114,55.

The biggest index of I_b in the year of 2014 is in December, at 117,66. The index movement is caused on the fluctuation of consumption index of household and cost of production and capital formation spent by farmers. Sinlarly with index I_b , the highest index within consumption index of house hold and cost of production and capital formation spent index is occurred in December, at 120,49 for consumption index and 110,06 for cost of production and capital formation spent index.

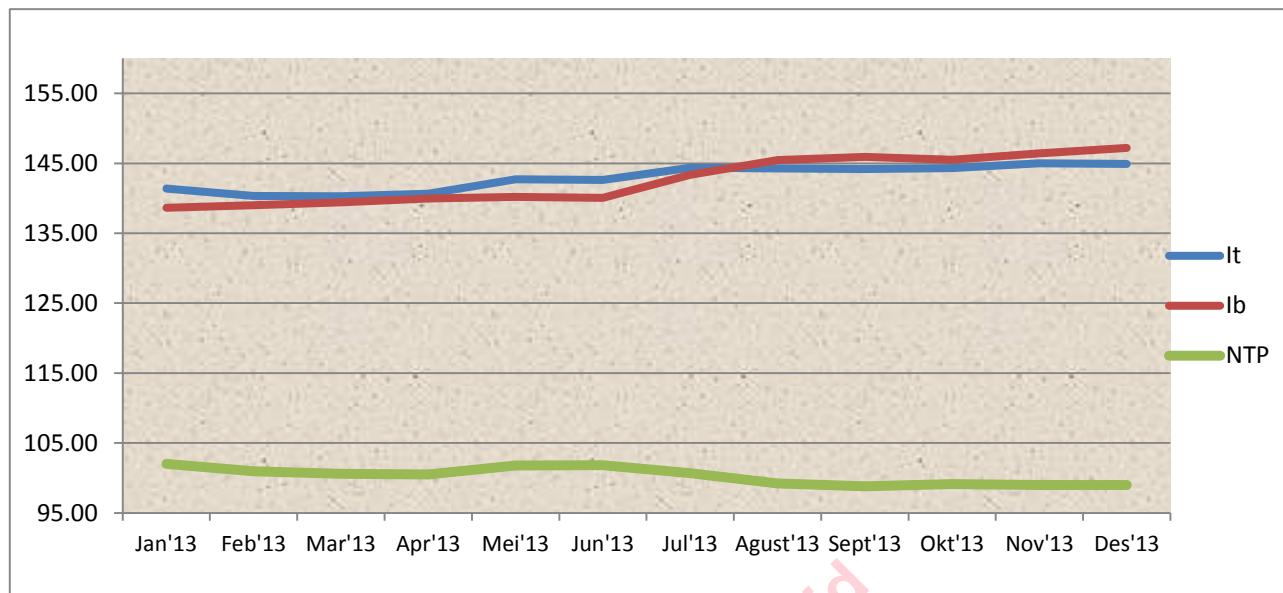
The FTT index based on sub sectors of agriculture shows that Sub sectors of horticulture and fishery have the index higher than 100. This condition can be indicated that farmers working in sub sectors of horticulture and fishery have a better life in terms of welfare compare to the other farmers who are working in other agriculture sub sectores.

Grafik 2. Nilai Tukar Petani Provinsi Sulawesi Utara, 2014
Graph 2. Farmers' Terms of Trade of North Sulawesi Province, 2014



Grafik 3. Perkembangan Indeks pada Subsektor Tanaman Pangan Tahun 2014

Graph 3. Index Performance of FTT for Food Crops Subsector, 2014



4. 2. NTP Subsektor Tanaman Pangan

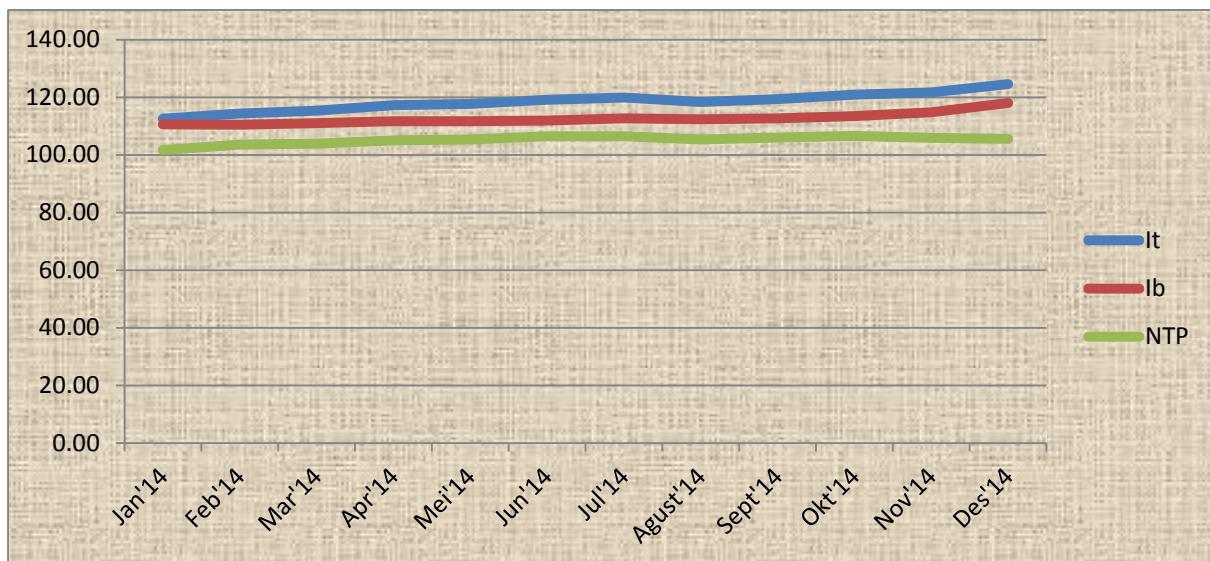
Grafik 3 di atas menunjukkan pergerakan NTP tanaman pangan yang relatif berfluktuatif di sepanjang tahun 2014, dimulai dari 96,86 di bulan Januari kemudian meningkat di bulan Februari dan kembali turun di bulan Maret pada nilai masing-masing sebesar 97,28 dan 96,42. Kemudian nilai ini terus turun hingga di bulan Juli pada nilai 94,17. Namun nilai ini kembali meningkat di bulan Agustus, sebesar 95,10 hingga ditutup di bulan Desember pada nilai 95,46.

4. 2. FTT for Food Crops Subsector

Chart 3 below shows the movement of FTT which is relatively fluctuated during the year 2014, started from 96,86 in January, the figure incline in February and then decline in March at the point, respectively 97.28 and 94.42. The figures remain decline each month to July at the point 94.17. However, this point incline in August, at 95.10 until in the end of year, December, stop at 95.46.

Grafik 4. Perkembangan Indeks pada Subsektor Hortikultura, 2014

Graph 4. Index Performance of FTT for Horticulture Subsector, 2014



4.3 NTP Sub Sektor Tanaman Hortikultura

Subsektor tanaman hortikultura merupakan salah satu subsektor yang memiliki fluktuasi I_t , I_b , dan NTP sepanjang tahun 2014, dimana indeks I_t selalu berada di atas indeks I_b . Keadaan ini mengindikasikan bahwa output yang dihasilkan petani dari komoditi yang diusahakannya dalam bentuk harga telah dapat memenuhi seluruh pengeluaran rumah tangga petani untuk kebutuhan seluruh anggota rumah tangga dan usaha pertaniannya. Hal ini mengakibatkan nilai tukar petani di subsektor ini selalu berada di atas 100 setiap bulannya. Besarnya nilai tukar petani di atas 100 mengindikasikan bahwa keadaan kesejahteraan petani di subsektor ini lebih baik dibandingkan dengan keadaan petani pada tahun dasarnya, 2012.

4.3 FTT for Horticulture Subsector

Horticultural crops sub-sector is one of the sub-sectors with fluctuations on I_t , I_b , and the FTT through the year 2014, where the index I_t is always higher than index I_b . This situation describes that output produced by farmers for commodities occupied and conversed to prices already satisfied all of expenses of household members and all expenses for agriculture. Therefore, the Farmers' Terms of Trade in this subsector are always above 100 each month. The value of FTT which is more than 100 indicates that the condition of farmer family welfare in this subsector is better than the condition of farmer family in the base year of 2012.

4.4 NTP Subsektor Tanaman Perkebunan Rakyat

Fluktuasi NTP subsektor TPR dipengaruhi oleh adanya fluktuasi I_t dan I_b sepanjang tahun 2014. Secara umum indeks I_t bergerak lebih lambat dibandingkan dengan indeks I_b . Indeks I_t dimulai dari angka 106,13 di bulan Januari, meningkat hingga bulan Mei, menjadi 110,48. Nilai ini cenderung turun di bulan Juni hingga bulan Oktober, dengan nilai I_t di bulan Juni sebesar 110,17 menjadi 107,62 di bulan Oktober, hingga mengakhiri tahun 2014 indeks ini kembali meningkat pada nilai 108,90. Berbeda halnya dengan indeks I_b , pergerakan indeks ini lebih cepat, dimulai dengan nilai 110,43 di bulan Januari, bergerak naik setiap bulan hingga memasuki bulan Juli, sebesar 112,74, hingga di akhir tahun 2014, bulan Desember indeks ini terus meningkat hingga pada nilai 118,13.

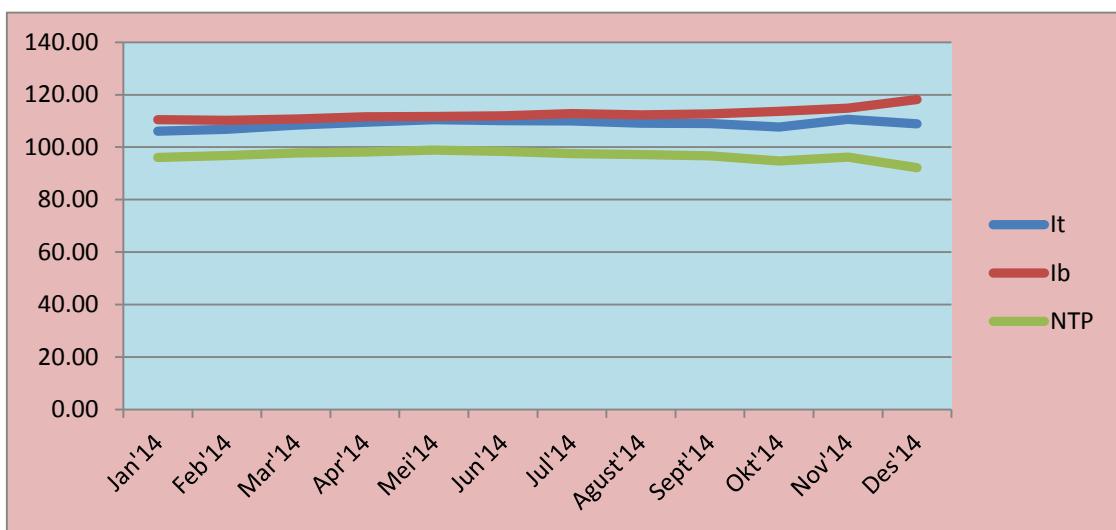
Sepanjang tahun 2014, nilai NTP di sub sektor ini selalu berada di bawah nilai 100, artinya bahwa tingkat kesejahteraan petani sub sektor tanaman perkebunan rakyat sepanjang tahun 2014 pada umumnya masih belum sejahtera dibandingkan dengan kondisi tahun dasarnya, tahun 2012..

4.4 FTT for Smallholders Estate Crops Subsector

The fluctuations of FTT on the Subsector of Smallholders Estate Crops are affected by the fluctuations on I_t and I_b . In general, index of I_t is moving slower than index I_b . Index I_t started at 106.13 in January, moving incline in May, at 110.48. These figures tend to decrease in June until October, from 110.17 for June to 107.62 for October, eventually the figure incline at point 108.90. This condition is relatively different from index of I_b , this index is moving more faster, started with point 110.43 in January, relatively move forward each month up to July, at 112.74 and finally in the end of year 2014, December, this index keep increase at the point 118.13.

During the year 2013, the value of FTT on this sub-sector remained below to 100. It means that the situation of farmer family welfare in 2014 in the subsector of smallholder crop is not as same as the situation of farmer family welfare in the base year 2012. .

Grafik 5. Perkembangan Indeks pada Subsektor TPR, 2014
Graph 5. Index Performance of FTT for Smallholders Estate Crops Subsector, 2014



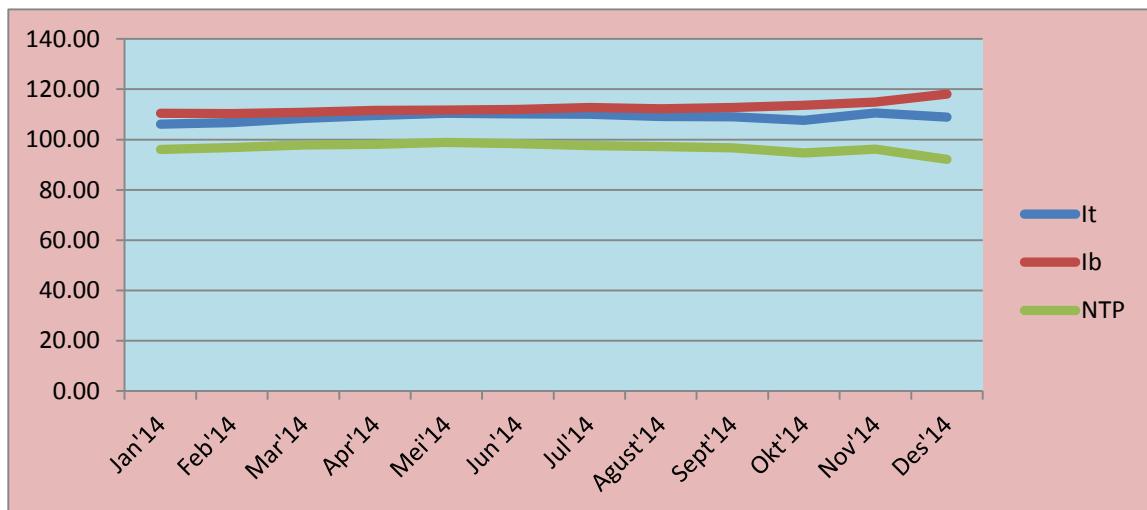
4.5 NTP Sub Sektor Peternakan

Nilai NTP sub sektor peternakan mengalami perubahan naik turun di sepanjang tahun 2014. NTP di bulan Januari sampai dengan bulan April berada di nilai 100, bermula dari nilai 98,67 di bulan Januari terus meningkat menjadi 99,67 di bulan April. Memasuki bulan Mei nilai tukar petani meningkat berada di nilai di atas 100, sebesar 100,53 dan terus meningkat setiap bulan hingga di bulan November, sebesar 101,23. Kondisi ini tidak bertahan di akhir tahun 2014, dimana nilai ini kembali turun pada nilai 98,83.

4.5 The FTT for Animal Husbandry Subsector

The value of FTT on subsector of animal husbandry steadily fluctuated in the whole months of 2014. The values of farmer's terms of trade from January to April are higher than point 100, started from 98.67 in January, this point steadily increase to 99.67 in April. The condition of FTT dramatically is changing in May where this figure increased at the point which is above 100, at 100.53 and this condition remains still the same above 100 up to November, at 101.23. However, the positive FTT of this subsector, which is FTT above 100, could not exist until the end of year, December 2014, where this point is falling down, at 98.83 as same as the condition occurred in the beginning of year 2014.

Grafik 6. Perkembangan Indeks pada Subsektor Peternakan Tahun 2014
Graph 6. Index Performance of FTT for Animal Husbandry Subsector, 2014



4.6 NTP Sub Sektor Perikanan

Pergerakan NTP subsektor perikanan di sepanjang tahun 2014 menunjukkan pergerakan yang lebih baik dibandingkan dengan tahun sebelumnya. Walaupun pergerakan NTP subsektor ini sangat berfluktuasi setiap bulannya, akan tetapi nilai tukar petaninya masih bergerak pada nilai di atas 100. Bergerak dari nilai 105,17 di bulan Januari, menurun di bulan April dengan nilai 104,30, lalu naik lagi di bulan Mei sampai dengan bulan Oktober, dari 104,71 meningkat menjadi 107,64. Akan tetapi di bulan November dan Desember, nilai ini kembali turun menjadi 105,48 dan 103,24.

Semenjak tahun 2014, subsektor perikanan diklasifikasikan lagi menjadi dua subsektor, yakni subsektor perikanan tangkap, dan subsektor perikanan budi daya.

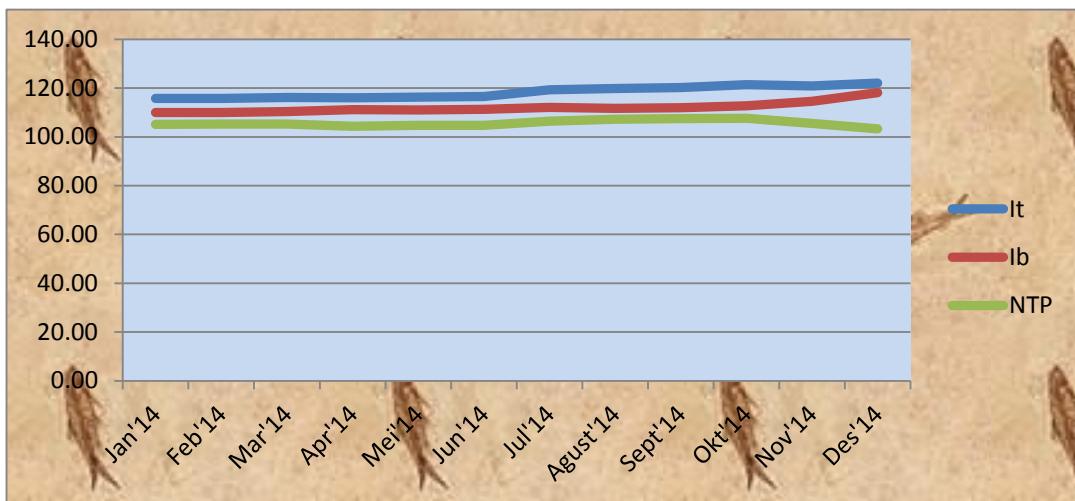
4.6 the FTT of Fisheries Subsector

The FTT of subsector fishery in 2014 shows a better movement than previous years. Even though the moving figures of this FTT is quite fluctuated each month, the FTT is still flowing at the point above 100. Started from 105.17 in January, this figure is decline in April, at 104.30, and then step up in May to October, from 104.71 to 107.64. However, in November and December, the FTT falled down to 105.48 and 103.24.

In the beginning of 2014, subsector of fishery is devided to be two groups, subsector of fishing and subsector of aquaculture.

Grafik 7. Perkembangan Indeks pada Subsektor Perikanan, Tahun 2014

Graph 7. Index Performance of FTT in Fisheries Subsector, 2014



Pembagian kelompok subsektor ini dilakukan untuk membedakan indikator kesejahteraan petani di subsektor perikanan yang lebih spesifik antara nelayan yang menangkap ikan dan petani yang membudidayakan perikanan.

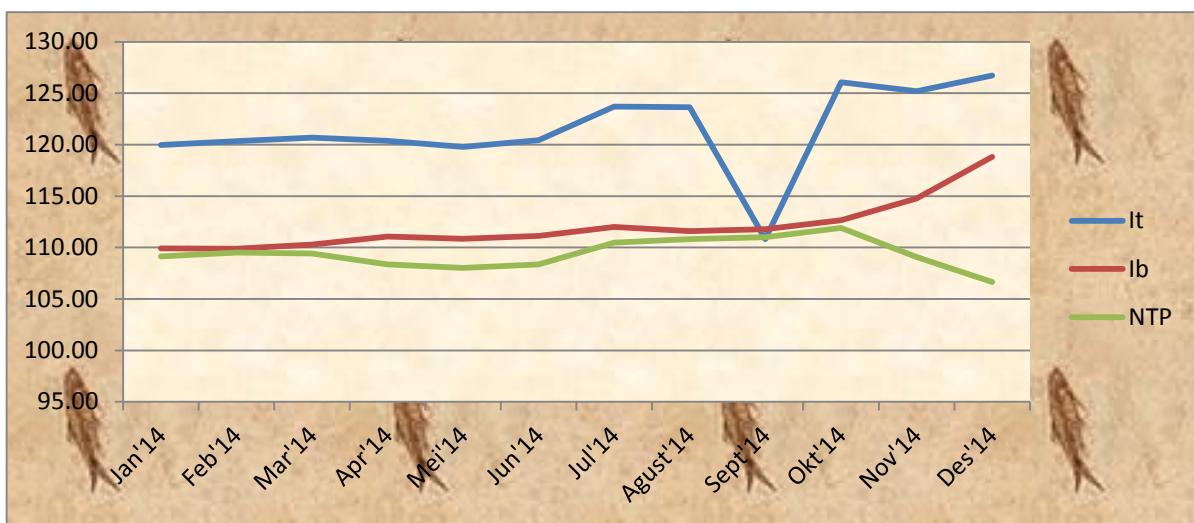
Dari hasil perhitungan NTP, diperoleh bahwa keadaan nilai tukar petani di subsektor penangkapan ikan lebih baik dibandingkan petani yang melakukan budidaya perikanan. Walau pergerakan NTP penangkapan laut bergerak naik turun, nilai tersebut masih berada di atas 100, dimana bulan Januari NTPnya sebesar 109,15 dan bulan Desember berakhir di nilai 106,66. Di sisi lain, NTP subsektor budidaya secara umum berada di bawah nilai 100. Hanya di bulan Agustus dan September, NTP subsektor ini berada di atas nilai 100. NTP tersendah terjadi di bulan Desember, sebesar 96,98 dan yang tertinggi terjadi di bulan September, sebesar 101,00.

The division of fishery subsector was made to distinguish the welfare indicator specifically between sea fishery and aquaculture fishery.

The condition of farmer welfare shows that the performance of sea fishery from FTT is better than aquaculture fishery. Even though the FTT movement of sea fishery irrelatively fluctuated, the figure of FTT each month is still above 100, where the FTT in January is at 109,15, and at the end of December 2014 will be closed at 106,66. On the other hand, FTT of aquaculture fishery in general is below 100. FTT which are below 100 occurred only in Agust and September. The lowest FTT occurred in December, at 96,98 and the highest FTT is at 101,00.

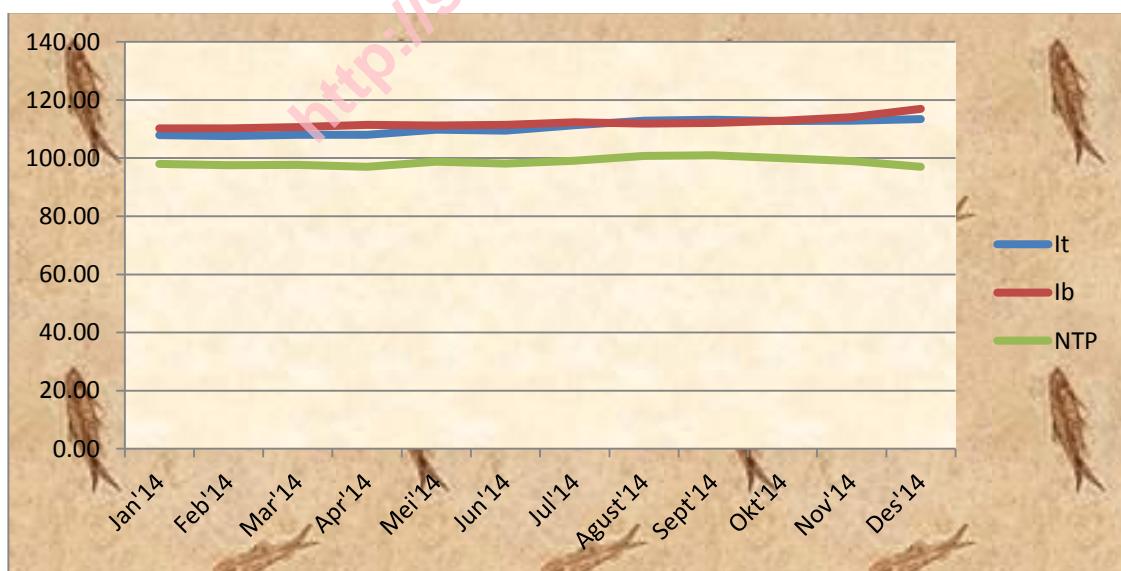
Grafik 8. Perkembangan Indeks pada Subsektor Penangkapan Ikan di Laut, 2014

Graph 8. Index Performance of FTT for Sea Fishery Subsector, 2014



Grafik 9. Perkembangan Indeks pada Subsektor Perikanan Budidaya, Tahun 2014

Graph 9. Index Performance of FTT for Aquaculture Fishery Subsector, 2014



4.7. Indeks Konsumsi Rumah Tangga

Perubahan Indeks Konsumsi Rumah Tangga (IKRT) yang terjadi di daerah perdesaan mencerminkan inflasi yang terjadi di wilayah perdesaan. Kenaikan IKRT selama tahun 2014 cukup beragam. IKRT di bulan Januari sampai dengan bulan Juli terus mengalami peningkatan, bermula sebesar 112,04 meningkat menjadi 114,51, akan tetapi di bulan Agustus IKRT turun sebesar 113,97 dan kembali meningkat sebesar 120,49 di bulan Desember.

Selama tahun 2014 terjadi kenaikan IKRT secara tahun kalender sebesar 8,67 persen. Kenaikan tersebut terutama dipicu oleh naiknya seluruh indeks kelompok pengeluaran, yaitu bahan makanan 12,01 persen; makanan jadi 5,01 persen; perumahan 5,42 persen; sandang 4,63 persen; kesehatan 2,63 persen; pendidikan, rekreasi dan olah raga 3,15 persen; serta transportasi dan komunikasi 11,34 persen. Kenaikan IKRT tersebesar terjadi pada bulan Desember sebesar 3,06 persen, disebabkan oleh meningkatnya seluruh indeks kelompok pengeluaran terutama kelompok bahan makanan, sebesar 3,82 persen dan kelompok transportasi dan komunikasi sebesar 6,76 persen. Sebaliknya penurunan IKRT terjadi di bulan Februari dan Agustus, masing-masing sebesar 0,23 persen dan 0,48 persen.

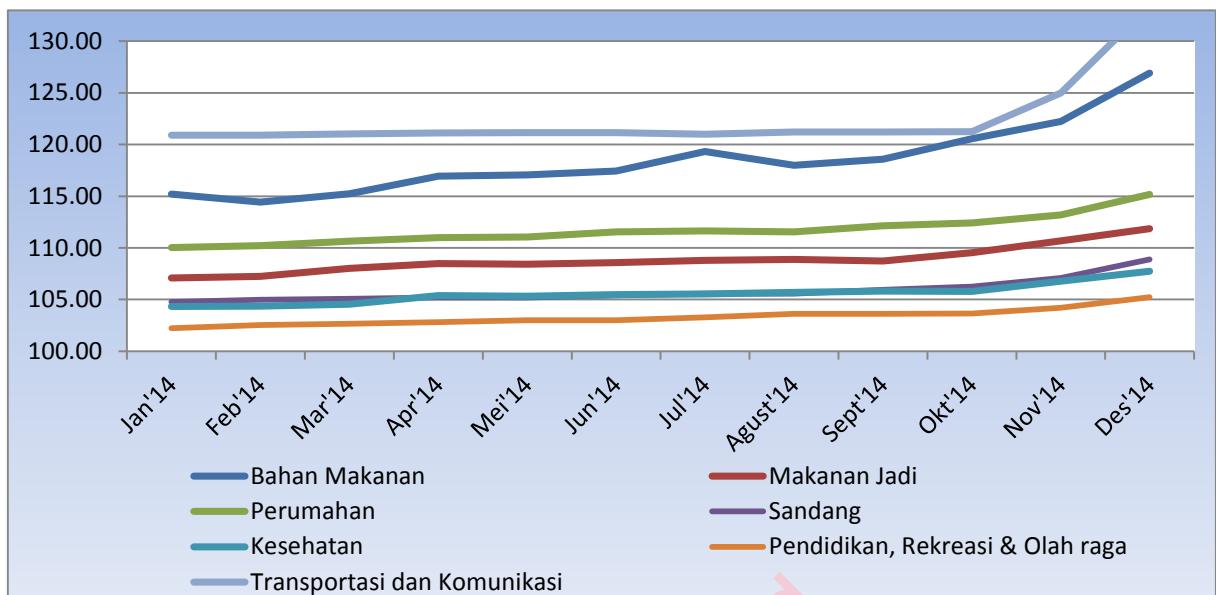
4.7. Household Consumption Index

Household consumption index (HCI) changes in rural areas reflects the inflation occurred in rural areas. The increase of HCI in 2014 is relatively diverse. HCI from January to July keep showing the increase of index, started at 112.04 this index increase to be 114.51, however in Agust the HCI decrease at 113.97 and re-increase to the point 120.49 in December.

During 2014, the increase of HCI per year reached at 8.67 percent. The increase was mainly fuelled by the increase in all index of expenditure group, i.e. foodstuff 12.01 percent; prepared food 5.01 percent ; housing 5.42 percent; clothing 4.63 percent; health 2.63 percent; education, recreation, and sport 3.15 percent; as well as transport and communication 11.34 percent. The highest increase of HCI was in December, at 3.06 percent, caused by the increase of the index of expenditure group especially foodstuff, at 3.82 percent and also transport and communication group, at 6.76 percent. On the other hand, the decrease of HCI occurred in February and Agust, respectively at 0.23 percent and 0.48 percent.

Grafik 10. Indeks Konsumsi Rumah Tangga, Tahun 2014

Graph 10. Household Consumption Index, 2014



TABEL – TABEL / TABLES

http://sulut.bps.go.id

Tabel 1.
Table

Nilai Tukar Petani Provinsi Sulawesi Utara
Tahun 2008 – 2014

*Farmers' Term of Trade Province of North Sulawesi
2008 – 2014*

Tahun year	I_t	I_b				NTP FTT
		Konsumsi RT <i>Household Consumption Index</i>	BPPBM <i>Cost of Production& Capital Formation Index</i>	Umum <i>General</i>		
(1)	(2)	(3)	(4)	(5)	(6)	
2008	116,05	116,13	108,82	114,12	101,48	
2009	121,21	121,68	113,06	119,53	101,41	
2010	125,54	126,86	115,40	123,93	101,30	
2011	133,90	134,01	117,07	129,73	103,22	
2012	137,95	140,57	120,20	135,41	101,87	
2013	142,74	149,26	120,70	142,06	100,50	
2014	111,45	114,34	106,54	112,16	99,37	

Ket: 2008-2013 menggunakan tahun dasar 2007, 2014 menggunakan tahun dasar 2012

Tabel 2. Nilai Tukar Petani Provinsi Sulawesi Utara
Table Januari – Desember 2014 (2012=100)
Farmers' Terms of Trade Province of North Sulawesi
January – December 2014 (2012=100)

Rincian	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	108.36	109.12	109.88	110.76
Indeks Dibayar Petani/Price Paid by Farmers Index	110.13	110.00	110.46	111.20
Konsumsi Rumah Tangga/Household Consumption	112.04	111.78	112.36	113.29
Bahan Makanan/Food Stuff	115.19	114.41	115.22	116.94
Makanan Jadi/Prepared Food	107.09	107.26	108.03	108.47
Perumahan/Housing	110.04	110.21	110.64	111.00
Sandang/Clothing	104.76	104.97	105.09	105.21
Kesehatan/Health	104.33	104.37	104.56	105.38
Pendidikan,Rekreasi&Olah raga/Education,Recreation&Sport	102.22	102.54	102.66	102.81
Transportasi dan Komunikasi/Transportation & Communication	120.90	120.90	121.03	121.11
BPPBM	105.21	105.45	105.65	105.84
Bitit/Seed	106.52	106.75	106.83	106.99
Obat-obatan & Pupuk/Fertilizer&Drugs	103.58	103.69	104.11	104.14
Sewa Lahan, Pajak & Lainnya/Rental Cost&Other	104.57	104.58	104.66	104.75
Transportasi/Transportation	116.22	116.39	116.57	116.94
Penambahan Barang Modal/Additional Capital Goods	104.08	104.39	104.45	104.73
Upah Buruh Tani/Wages of Farm Labour	104.42	104.76	104.95	105.31
Nilai Tukar Petani/Farmers' Terms of Trade	98.39	99.20	99.48	99.60
Nilai Tukar Usaha Petani/Farmers' Bussiness Terms of Trade	102.99	103.48	104.00	104.64

Tabel 2.
Table

Nilai Tukar Petani Provinsi Sulawesi Utara
Januari – Desember 2014 (2012=100)

*Farmers' Terms of Trade Province of North Sulawesi
January – December 2014 (2012=100)*

(lanjutan/ continued)

Rincian/Details	Mei (2)	Jun (3)	Jul (4)	Ags (5)
(1)				
Indeks Diterima Petani/Price Received by Farmers Index	111.23	111.50	111.92	111.56
Indeks Dibayar Petani/Price Paid by Farmers Index	111.29	111.51	112.22	111.84
Konsumsi Rumah Tangga/Household Consumption	113.35	113.63	114.52	113.97
Bahan Makanan/Food Stuff	117.06	117.43	119.32	117.98
Makanan Jadi/Prepared Food	108.41	108.58	108.80	108.88
Perumahan/Housing	111.06	111.55	111.65	111.56
Sandang/Clothing	105.21	105.41	105.56	105.56
Kesehatan/Health	105.32	105.48	105.54	105.68
Pendidikan, Rekreasi & Olah raga/Education, Recreation, and Sport	103.00	103.00	103.26	103.60
Transportasi dan Komunikasi/Transportation and Communication	121.15	121.13	120.98	121.20
BPPBM	105.99	106.04	106.29	106.43
Bibit/Seed	106.70	106.70	106.91	106.85
Obat-obatan & Pupuk/Drugs&Fertilizers	104.30	104.47	104.67	104.81
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	104.79	104.90	105.22	105.18
Transportasi/Transportation	116.89	117.12	116.85	117.27
Penambahan Barang Modal/Additional Capital Goals	104.97	104.97	105.13	105.19
Upah Buruh Tani/Wages of Farm Labour	105.59	105.61	106.01	106.24
Nilai Tukar Petani/Farmers' Terms of Trade	99.95	99.99	99.73	99.75
Nilai Tukar Usaha Petani/Farmers' Business Terms of Trade	104.94	105.14	105.30	104.82

Tabel 2.
Table

Nilai Tukar Petani Provinsi Sulawesi Utara
Januari – Desember 2014 (2012=100)

*Farmers' Terms of Trade Province of North Sulawesi
January – December 2014 (2012=100)*

(lanjutan/ continued)

Rincian/Details	Sept	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	112.01	112.46	114.01	114.55
Indeks Dibayar Petani/Price Paid by Farmers Index	112.16	113.02	114.45	117.66
Konsumsi Rumah Tangga/Household Consumption	114.32	115.37	116.91	120.49
Bahan Makanan/Food Stuff	118.58	120.55	122.23	126.90
Makanan Jadi/Prepared Food	108.73	109.54	110.68	111.87
Perumahan/Housing	112.13	112.40	113.20	115.18
Sandang/Clothing	105.95	106.24	107.09	108.89
Kesehatan/Health	105.82	105.77	106.79	107.75
Pendidikan, Rekreasi & Olah raga/Education, Recreation, and Sport	103.62	103.64	104.22	105.22
Transportasi dan Komunikasi/Transportation and Communication	121.20	121.24	124.99	133.44
BPPBM	106.68	106.93	107.92	110.06
Bitit/Seed	107.35	107.75	107.97	109.20
Obat-obatan & Pupuk/Drugs&Fertilizer	105.07	105.38	105.56	106.83
Sewa Lahan, Pajak & Lainnya/Land Rental, Tax&Others	105.30	105.58	105.76	106.30
Transportasi/Transportation	117.28	117.35	125.28	137.55
Penambahan Barang Modal/Additional Capital Goods	105.41	105.74	105.77	106.53
Upah Buruh Tani/Wages of Farm Labour	106.52	106.58	106.97	108.39
Nilai Tukar Petani/Farmers' Terms of Trade	99.87	99.51	99.62	97.35
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	105.00	105.18	105.65	104.08

Tabel 3. Nilai Tukar Petani Subsektor Tanaman Pangan
Table Provinsi Sulawesi Utara, Januari-Desember 2014 (2012=100)

Farmers' Terms of Trade of Food Crops Subsector
Province of North Sulawesi, January – December 2014 (2012=100)

Rincian/Details	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	107.39	107.74	107.23	107.38
Padi/Paddy	103.88	105.20	104.12	104.02
Palawija/Secondary Crops	111.15	110.45	110.56	110.98
Indeks Dibayar Petani/Price Paid by Farmers Index	110.87	110.75	111.21	112.01
Konsumsi Rumah Tangga/Household Consumption	112.01	111.76	112.28	113.32
Bahan Makanan/Food Stuff	115.82	114.98	115.75	117.68
Makanan Jadi/Prepared Food	107.16	107.35	108.12	108.55
Perumahan/Housing	109.75	110.10	110.32	110.77
Sandang/Clothing	104.72	104.84	104.86	105.02
Kesehatan/Health	105.23	105.22	105.60	106.27
Pendidikan, Rekreasi & Olahraga/Education, Recreation, and Sport	102.71	103.17	103.36	103.51
Transportasi dan Komunikasi/Transportation and Communication	119.65	119.66	119.81	119.97
BPPBM/Cost of Production&Additional Capital Goods	106.98	107.27	107.54	107.53
Bibit/Seed	101.71	101.71	101.71	101.71
Obat-obatan & Pupuk/Drugs&Fertilizer	101.50	101.50	101.62	101.62
Sewa Lahan, Pajak & Lainnya/Land Rental, Tax&Others	115.10	115.10	115.61	115.61
Transportasi dan Komunikasi/Transportation and Communication	122.51	122.50	122.82	122.82
Penambahan Barang Modal/Additional Capital Goods	103.52	103.59	103.59	103.52
Upah Buruh Tani/Wages of Farms Labour	106.11	106.84	107.24	107.24
Nilai Tukar Petani/Farmers' Terms of Trade	96.86	97.28	96.42	95.87
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	100.38	100.43	99.71	99.86

Tabel 3. Nilai Tukar Petani Subsektor Tanaman Pangan
Table Provinsi Sulawesi Utara, Januari-Desember 2014 (2012=100)
Farmers' Terms of Trade of Food Crops Subsector
Province of North Sulawesi, January – December 2014 (2012=100)

Rincian/ <i>Details</i>	Mei (2)	Jun (3)	Jul (4)	Ags (5)
Indeks Diterima Petani/<i>Price Received by Farmers Index</i>	106.89	107.03	106.51	107.25
Padi/ <i>Paddy</i>	103.97	103.57	102.93	104.16
Palawija/ <i>Secondary Crops</i>	110.00	110.74	110.36	110.57
Indeks Dibayar Petani/<i>Price Paid by Farmers Index</i>	112.08	112.37	113.11	112.78
Konsumsi Rumah Tangga/<i>Household Consumption</i>	113.33	113.68	114.45	113.94
Bahan Makanan/ <i>Food Stuff</i>	117.70	118.21	119.85	118.48
Makanan Jadi/ <i>Prepared Food</i>	103.51	108.66	108.89	108.95
Perumahan/ <i>Housing</i>	110.84	111.22	111.38	111.44
Sandang/ <i>Clothing</i>	105.00	105.23	105.41	105.48
Kesehatan/ <i>Health</i>	106.22	106.64	106.64	106.79
Pendidikan, Rekreasi & Olah raga/ <i>Education, Recreation&Sport</i>	103.90	103.90	104.26	104.65
Transportasi dan Komunikasi/ <i>Transport&Communication</i>	119.85	119.84	119.66	120.00
BPPBM/<i>Cost of Production&Additional Capital Goals</i>	107.78	107.87	108.50	108.78
Bibit/ <i>Seed</i>	101.17	101.34	101.71	101.70
Obat-obatan & Pupuk/ <i>Drugs&Fertilizer</i>	101.62	101.93	102.18	102.18
Sewa Lahan, Pajak & Lainnya/ <i>Land Rental, Tax & Others</i>	115.61	115.61	115.61	115.61
Transportasi/ <i>Transportation</i>	122.82	123.27	122.78	123.10
Penambahan Barang Moda/ <i>Additional Capital Goals</i>	104.05	104.05	104.17	104.46
Upah Buruh Tani/ <i>Wages of Farm Labour</i>	107.75	107.75	109.22	109.76
Nilai Tukar Petani/<i>Farmers' Terms of Trade</i>	95.36	95.25	94.17	95.10
Nilai Tukar Usaha Pertanian/<i>Farmers' Business Terms of Trade</i>	99.17	99.22	98.17	98.60

Tabel 3. Nilai Tukar Petani Subsektor Tanaman Pangan
Table Provinsi Sulawesi Utara, Januari-Desember 2014 (2012=100)

*Farmers' Terms of Trade of Food Crops Subsector
Province of North Sulawesi, January – December 2014 (2012=100)*

(lanjutan/Continued)

Rincian/Details	Sep	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	108.18	109.92	111.38	113.15
Padi/Paddy	106.16	108.47	108.45	108.80
Palawija/Secondary Crops	110.34	111.47	114.52	117.81
Indeks Dibayar Petani/Price Paid by Farmers Index	112.99	113.84	115.28	118.53
Konsumsi Rumah Tangga/Household Consumption	114.19	115.23	116.76	120.31
Bahan Makanan/Food Stuff	118.83	120.77	122.31	126.96
Makanan Jadi/Prepared Food	108.79	109.74	110.98	112.25
Perumahan/Housing	111.94	112.16	113.05	114.93
Sandang/Clothing	105.80	106.16	106.96	108.83
Kesehatan/Health	106.97	106.91	107.95	108.91
Pendidikan, Rekreasi & Olah raga/Education, Recreation,&Sport	104.67	104.67	105.20	106.01
Transportasi dan Komunikasi/Transportation&Communication	120.00	120.04	124.55	133.59
BPPBM/Cost of Production&Additional Capital Goods	108.86	109.08	110.18	112.40
Bitit/seed	102.07	102.18	102.52	103.88
Obat-obatan & Pupuk/Drugs&Fertilizer	102.34	102.98	102.81	103.96
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	115.87	116.26	116.92	117.82
Transportasi/Transportation	123.10	123.10	136.90	155.03
Penambahan Barang Modal/Additional Capital Goods	104.46	104.57	104.48	105.09
Upah Buruh Tani/Wages of Farm Labour	109.76	109.84	110.00	111.16
Nilai Tukar Petani/Farmers' Terms of Trade	95.75	96.56	96.62	95.46
Nilai Tukar Usaha Pertanian/Farmers' Bussiness Terms of Trade	99.37	100.77	101.09	100.66

Tabel 4. Nilai Tukar Petani Subsektor Tanaman Hortikultura
Table Provinsi Sulawesi Utara, Januari-Desember 2014 (2012=100)

*Farmers' Terms of Trade of Horticulture Subsector
 Province of North Sulawesi, January – December 2014 (2012=100)*

Rincian/Details	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	112.53	114.38	115.34	117.24
Sayur-sayuran/Vegetables	113.71	115.90	117.07	119.28
Buah-buahan/Fruits	105.91	105.99	105.82	105.87
Tanaman Obat/Medical Plants	109.96	109.46	109.46	111.54
Indeks Dibayar Petani/Price Paid by Farmers Index	110.63	110.44	110.99	111.66
Konsumsi Rumah Tangga/Household Consumption	111.65	111.42	112.00	112.73
Bahan Makanan/Food Stuff	114.38	113.67	114.50	115.63
Makanan Jadi/Prepared Food	107.08	107.29	108.15	108.61
Perumahan/Housing	110.35	110.53	110.79	111.33
Sandang/Clothing	104.42	104.67	104.99	105.08
Kesehatan/Health	104.27	104.42	104.71	105.51
Pendidikan, Rekreasi & Olah raga/Education, Recreation, and Sport	103.68	103.89	103.97	104.30
Transportasi dan Komunikasi/Transportation and Communication	119.64	119.64	119.75	119.86
BPPBM/Cost of Production&Additional Capital Goods	105.94	105.95	106.36	106.74
Bibit/Seed	110.58	111.00	111.19	111.05
Obat-obatan & Pupuk/Drugs&Fertilizer	102.41	101.84	102.70	102.70
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax,Others	102.89	102.96	102.95	102.95
Transportasi/Transportation	109.05	109.51	109.58	110.09
Penambahan Barang Moda/Additional Capital Goods	107.68	107.73	108.28	109.00
Upah Buruh Tani/Wages of Farm Labour	106.30	106.36	106.84	107.86
Nilai Tukar Petani/Farmers' Terms of Trade	101.72	103.57	103.92	105.00
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	106.22	107.96	108.44	109.84

Tabel 4. Nilai Tukar Petani Subsektor Tanaman Hortikultura
Table Provinsi Sulawesi Utara, Januari-Desember 2014 (2012=100)

Farmers' Terms of Trade of Horticulture Subsector
Province of North Sulawesi, January – December 2014 (2012=100)

Rincian/ <i>Details</i>	Mei (2)	Jun (3)	Jul (4)	Ags (5)
Indeks Diterima Petani/<i>Price Received by Farmers Index</i>	117.68	119.13	119.94	118.31
Sayur-sayuran/ <i>Vegetables</i>	119.84	121.55	122.41	120.44
Buah-buahan/ <i>Fruits</i>	105.88	105.89	106.48	106.78
Tanaman Obat/ <i>Medical Plants</i>	109.53	109.94	109.97	108.80
Indeks Dibayar Petani/<i>Price Paid by Farmers Index</i>	111.73	111.94	112.68	112.32
Konsumsi Rumah Tangga/<i>Household Consumption</i>	112.79	113.02	113.87	113.38
Bahan Makanan/ <i>Food Stuff</i>	115.71	115.94	117.71	116.64
Makanan Jadi/ <i>Prepared Food</i>	108.64	108.83	109.07	109.17
Perumahan/ <i>Housing</i>	111.38	111.95	112.07	111.95
Sandang/ <i>Clothing</i>	105.14	105.26	105.33	104.76
Kesehatan/ <i>Health</i>	105.44	105.56	105.57	105.70
Pendidikan, Rekreasi & Olah raga/ <i>Education, Recreation, and Sport</i>	104.41	104.41	104.60	104.82
Transportasi dan Komunikasi/ <i>Transportation and Communication</i>	119.88	119.87	119.72	119.96
BPPBM/<i>Cost of Production&Additional Capital Goods</i>	106.91	106.99	107.25	107.46
Bibit/Seed	110.20	109.97	110.15	109.38
Obat-obatan & Pupuk/ <i>Drugs&Fertilizer</i>	103.15	103.59	103.98	104.70
Sewa Lahan, Pajak & Lainnya/ <i>Land Rental, Tax, Others</i>	103.05	103.05	103.05	103.00
Transportasi/ <i>Transportation</i>	110.08	110.09	110.12	110.52
Penambahan Barang Moda/ <i>Additional Capital Goods</i>	108.84	108.84	109.49	109.20
Upah Buruh Tani/ <i>Wages of Farm Labour</i>	108.64	108.64	108.91	109.46
Nilai Tukar Petani/<i>Farmers' Terms of Trade</i>	105.32	106.42	106.44	105.33
Nilai Tukar Usaha Pertanian/<i>Farmers' Business Terms of Trade</i>	110.08	111.35	111.84	110.10

Tabel 4. Nilai Tukar Petani Subsektor Tanaman Hortikultura

Table Provinsi Sulawesi Utara, Januari-Desember 2014 (2012=100)

*Farmers' Terms of Trade of Horticulture Subsector**Province of North Sulawesi, January – December 2014 (2012=100)*

Rincian	Sep	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	119.39	120.93	121.68	124.63
Sayur-sayuran/Vegetables	121.60	123.20	123.99	126.98
Buah-buahan/Fruits	107.49	108.70	109.24	111.95
Tanaman Obat/Medical Plants	108.80	109.68	110.66	113.08
Indeks Dibayar Petani/Price Paid by Farmers Index	112.66	113.42	114.83	118.07
Konsumsi Rumah Tangga/Household Consumption	113.77	114.67	116.24	119.70
Bahan Makanan/Food Stuff	117.29	118.89	120.67	125.04
Makanan Jadi/Prepared Food	109.05	109.83	111.09	112.30
Perumahan/Housing	112.50	112.85	113.66	115.83
Sandang/Clothing	104.95	105.24	105.93	107.72
Kesehatan/Health	105.86	105.82	106.92	107.84
Pendidikan, Rekreasi & Olah raga/Education, Recreation, and Sport	104.83	104.85	105.53	106.16
Transportasi dan Komunikasi/Transportation and Communication	119.96	120.01	123.60	131.83
BPPBM/Cost of Production & Additional Capital Goods	107.55	107.70	108.37	110.60
Bibit/Seed	109.63	110.54	110.15	111.07
Obat-obatan & Pupuk/Drugs&Fertilizer	104.92	104.09	104.24	106.15
Sewa Lahan, Pajak & Lainnya/Land Rental, Tax, Others	103.05	103.83	104.00	104.54
Transportasi/Transportation	110.52	110.83	115.49	122.83
Penambahan Barang Moda/Additional Capital Goods	109.20	109.59	108.82	110.34
Upah Buruh Tani/Wages of Farm Labour	109.46	109.57	110.21	112.06
Nilai Tukar Petani/Farmers' Terms of Trade	105.98	106.61	105.96	105.55
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	111.01	112.28	112.28	112.68

Tabel 5. Nilai Tukar Petani Subsektor Tanaman Perkebunan Rakyat
Table 5. Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

Farmers' Terms of Trade of Smallholders Estate Crops Subsector
Province of North Sulawesi, January – December 2014
(2012=100)

Rincian/Details	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	106.13	106.80	108.37	109.56
Tanaman Perkebunan Rakyat/Smallholders Estate Crops	106.13	106.80	108.37	109.56
Indeks Dibayar Petani/Price Paid by Farmers Index	110.43	110.26	110.77	111.63
Konsumsi Rumah Tangga/Household Consumption	111.83	111.52	112.11	113.13
Bahan Makanan/Food Stuff	115.03	114.16	114.95	116.97
Makanan Jadi/Prepared Food	106.91	107.03	107.76	108.14
Perumahan/Housing	110.14	110.25	110.89	111.11
Sandang/Clothing	105.20	105.47	105.51	105.67
Kesehatan/Health	103.82	103.84	103.89	104.81
Pendidikan, Rekreasi & Olah raga/Education, Recreation&Sport	101.28	101.63	101.71	101.77
Transportasi dan Komunikasi/Transportation and Communication	121.85	121.85	121.97	121.98
BPPBM/Cost of Production & Additional Capital Goods	104.94	105.29	105.50	105.73
Bibit/Seed	111.09	111.81	111.81	112.20
Obat-obatan & Pupuk/Drugs& Fertilizer	106.60	106.95	107.72	107.82
Sewa Lahan, Pajak & Lainnya/Land Rental, Tax&Others	100.00	100.00	100.00	100.00
Transportasi/Transportation	118.68	118.93	118.98	119.60
Penambahan Barang Moda/Additional Capital Goods	104.41	104.97	104.88	105.21
Upah Buruh Tani/Wages of Farm Labour	102.40	102.82	102.82	103.14
Nilai Tukar Petani/Farmers' Terms of Trade	96.10	96.86	97.84	98.15
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	101.13	101.43	102.73	103.62

Tabel 5. Nilai Tukar Petani Subsektor Tanaman Perkebunan Rakyat
Table Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade of Smallholders Estate Crops Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

Lanjutan/*Continued*

Rincian/ <i>Details</i>	Mei (2)	Juni (3)	Juli (4)	Ags (5)
Indeks Diterima Petani/Price Received by Farmers Index	110.48	110.17	110.01	109.11
Tanaman Perkebunan Rakyat/Smallholders Estate Crops	110.48	110.17	110.01	109.11
Indeks Dibayar Petani/Price Paid by Farmers Index	111.76	111.98	112.74	112.25
Konsumsi Rumah Tangga/Household Consumption	113.28	113.56	114.48	113.85
Bahan Makanan/Food Stuff	117.32	117.71	119.73	118.19
Makanan Jadi/Prepared Food	108.06	108.23	108.47	108.52
Perumahan/Housing	111.14	111.61	111.66	111.51
Sandang/Clothing	105.62	105.87	106.05	106.18
Kesehatan/Health	104.75	104.75	104.88	105.03
Pendidikan, Rekreasi & Olah raga/Education, Recreation& Sport	101.90	101.90	102.07	102.25
Transportasi dan Komunikasi/Transportation and Communication	122.05	122.03	121.88	122.05
BPPBM/Cost of Production & Additional Capital Goods	105.76	105.78	105.89	105.98
Bitit/Seed	112.07	112.07	112.36	112.53
Obat-obatan & Pupuk/Drugs& Fertilizer	107.82	107.82	107.82	107.82
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	100.00	100.00	100.88	100.88
Transportasi/Transportation	119.40	119.64	119.20	119.98
Penambahan Barang Moda/Additional Capital Goods	105.57	105.57	105.60	105.78
Upah Buruh Tani/Wages of Farm Labour	103.14	103.14	103.14	103.14
Nilai Tukar Petani/Farmers' Terms of Trade	98.85	98.38	97.57	97.20
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	104.46	104.15	103.89	102.96

Tabel 5. Nilai Tukar Petani Subsektor Tanaman Perkebunan Rakyat
Table Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade of Smallholders Estate Crops Subsector
 Province of North Sulawesi, January – December 2014
 (2012=100)*

Lanjutan/*Continued*

Rincian/Details	Sept	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	109.02	107.62	110.57	108.90
Tanaman Perkebunan Rakyat/Smallholders Estate Crops	109.02	107.62	110.57	108.90
Indeks Dibayar Petani/Price Paid by Farmers Index	112.70	113.67	114.93	118.13
Konsumsi Rumah Tangga/Household Consumption	114.27	115.42	116.88	120.49
Bahan Makanan/Food Stuff	118.92	121.14	122.78	127.61
Makanan Jadi/Prepared Food	108.36	109.15	110.24	111.37
Perumahan/Housing	112.23	112.50	112.98	115.02
Sandang/Clothing	106.70	106.92	107.93	109.76
Kesehatan/Health	105.16	105.12	106.11	107.07
Pendidikan, Rekreasi & Olah raga/Education, Recreation&Sport	102.26	102.26	102.67	103.78
Transportasi dan Komunikasi/Transportation and Communication	122.05	122.08	125.94	134.60
BPPBM/Cost of Production & Additional Capital Goods	106.51	106.75	107.24	108.83
Bibit/Seed	113.39	113.76	114.22	116.00
Obat-obatan & Pupuk/Drugs& Fertilizer	108.46	109.00	109.14	110.43
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	100.88	100.88	100.88	100.88
Transportasi/Transportation	119.98	119.99	123.05	130.50
Penambahan Barang Moda/Additional Capital Goods	106.29	106.71	106.96	108.04
Upah Buruh Tani/Wages of Farm Labour	103.93	103.98	104.50	105.91
Nilai Tukar Petani/Farmers' Terms of Trade	96.73	94.68	96.21	92.19
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	102.36	100.82	103.11	100.07

Tabel 6. Nilai Tukar Petani Subsektor Peternakan
Table Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

Farmers' Terms of Trade of Animal Husbandry Subsector
Province of North Sulawesi, January – December 2014
(2012=100)

Rincian/Details	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	106.36	106.85	107.67	108.17
Ternak Besar/Large Livestock	106.11	106.22	107.40	108.07
Ternak Kecil/Small Livestock	101.97	102.81	103.37	103.57
Unggas/Poultry	111.72	112.37	112.35	112.90
Hasil Ternak/Livestock Product	112.78	113.91	114.64	115.13
Indeks Dibayar Petani/Price Paid by Farmers Index	107.79	107.76	108.03	108.53
Konsumsi Rumah Tangga/Household Consumption	112.85	112.58	113.21	114.01
Bahan Makanan/Food Stuff	115.05	114.28	115.19	116.71
Makanan Jadi/Prepared Food	107.26	107.43	108.27	108.64
Perumahan/Housing	110.45	110.55	110.91	111.25
Sandang/Clothing	104.48	104.58	104.77	104.83
Kesehatan/Health	103.54	103.57	103.68	104.57
Pendidikan, Rekreasi & Olah raga/Education, Recreation&Sport	102.39	102.65	102.82	102.97
Transportasi dan Komunikasi/Transport&Communication	122.93	122.93	123.11	123.07
BPPBM/Cost of Production & Additional Capital Goods	102.43	102.66	102.56	102.72
Bibit/Seed	100.03	99.72	99.98	100.33
Obat-obatan & Pupuk/Drugs&Fertilizer	102.13	102.70	102.33	102.32
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	100.09	100.09	99.86	100.05
Transportasi/Transportation	114.18	114.04	114.33	114.70
Penambahan Barang Modal/Additional Capital Goods	100.41	100.82	100.72	100.91
Upah Buruh Tani/Wages of Farm Labour	103.85	103.85	103.85	104.07
Nilai Tukar Petani/Farmers' Terms of Trade	98.67	99.16	99.67	99.67
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	103.83	104.08	104.98	105.30

Tabel 6.
Table

Nilai Tukar Petani Subsektor Peternakan
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade of Animal Husbandry Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

Rincian/Details	Mei	Juni	Juli	Ags
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	109.23	109.49	111.07	111.44
Ternak Besar/Large Livestock	109.51	109.51	111.71	112.72
Ternak Kecil/Small Livestock	104.44	104.98	106.38	105.82
Unggas/Poultry	113.99	115.05	114.79	114.47
Hasil Ternak/Livestock Product	115.00	114.88	116.16	116.80
Indeks Dibayar Petani/Price Paid by Farmers Index	108.65	108.79	109.25	109.03
Konsumsi Rumah Tangga/Household Consumption	114.14	114.38	115.27	114.77
Bahan Makanan/Food Stuff	116.98	117.25	119.22	117.89
Makanan Jadi/Prepared Food	108.57	108.80	109.05	109.20
Perumahan/Housing	111.38	111.82	111.92	111.85
Sandang/Clothing	104.98	105.14	105.27	105.47
Kesehatan/Health	104.49	104.73	104.80	104.93
Pendidikan, Rekreasi & Olah raga/Education, Recreation&Sport	103.18	103.18	103.62	104.40
Transportasi dan Komunikasi/Transport&Communication	123.11	123.10	122.95	123.07
BPPBM/Cost of Production & Additional Capital Goods	102.84	102.88	102.89	102.96
Bibit/Seed	100.30	100.30	99.96	100.34
Obat-obatan & Pupuk/Drugs&Fertilizer	102.61	102.55	102.80	102.80
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	100.01	100.47	100.47	100.30
Transportasi/Transportation	114.70	114.91	114.80	114.82
Penambahan Barang Modal/Additional Capital Goods	101.01	101.01	100.95	100.95
Upah Buruh Tani/Wages of Farm Labour	104.07	104.21	104.21	104.21
Nilai Tukar Petani/Farmers' Terms of Trade	100.53	100.64	101.67	102.21
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	106.21	106.42	107.95	108.24

Tabel 6.

Nilai Tukar Petani Subsektor Peternakan

TableProvinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

Farmers' Terms of Trade of Animal Husbandry Subsector
Province of North Sulawesi, January – December 2014
(2012=100)

Rincian/Details	Sept	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	111.62	112.56	113.04	113.28
Ternak Besar/Large Livestock	112.53	113.77	114.17	113.81
Ternak Kecil/Small Livestock	106.30	107.15	107.44	108.04
Unggas/Poultry	114.45	114.85	115.56	114.69
Hasil Ternak/Livestock Product	117.93	118.39	119.44	122.40
Indeks Dibayar Petani/Price Paid by Farmers Index	109.27	110.00	111.66	114.62
Konsumsi Rumah Tangga/Household Consumption	115.17	116.19	117.96	121.78
Bahan Makanan/Food Stuff	118.72	120.63	122.55	127.31
Makanan Jadi/Prepared Food	108.98	109.76	110.82	112.01
Perumahan/Housing	112.33	112.65	113.64	115.84
Sandang/Clothing	105.92	106.37	107.25	109.02
Kesehatan/Health	105.03	104.98	105.82	106.73
Pendidikan, Rekreasi & Olahraga/Education, Recreation&Sport	104.42	104.46	105.39	107.06
Transportasi dan Komunikasi/Transport&Communication	123.07	123.10	126.72	134.44
BPPBM/Cost of Production & Additional Capital Goods	103.02	103.46	105.01	107.05
Bibit/Seed	100.82	101.03	101.59	102.13
Obat-obatan & Pupuk/Drugs&Fertilizer	102.65	103.46	103.99	104.79
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	100.30	100.30	100.30	101.16
Transportasi/Transportation	114.76	114.79	127.18	145.19
Penambahan Barang Modal/Additional Capital Goods	101.15	101.57	102.12	101.39
Upah Buruh Tani/Wages of Farm Labour	104.21	104.21	104.56	106.12
Nilai Tukar Petani/Farmers' Terms of Trade	102.15	102.33	101.23	98.83
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	108.34	108.80	107.64	105.83

Tabel 7.
Table

Nilai Tukar Petani Subsektor Perikanan
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Fishery Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

Rincian/Details	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	115.69	115.77	116.19	115.98
Penangkapan/Capture Fisheries	119.97	120.33	120.69	120.36
Budidaya/Aquaculture	107.97	107.55	108.08	108.07
Indeks Dibayar Petani/Price Paid by Farmers Index	110.01	110.01	110.43	111.19
Konsumsi Rumah Tangga/Household Consumption	112.42	112.33	112.90	113.93
Bahan Makanan/Food Stuff	116.42	116.16	116.85	118.49
Makanan Jadi/Prepared Food	107.43	107.55	108.19	109.01
Perumahan/Housing	108.69	108.74	109.42	109.73
Sandang/Clothing	104.37	104.65	104.76	104.79
Kesehatan/Health	105.83	105.84	105.92	106.67
Pendidikan, Rekreasi & Olah raga/Education, Recreation&Sport	100.65	100.84	100.89	100.99
Transportasi dan Komunikasi/Transport and Communication	119.33	119.33	119.38	119.61
BPPBM/Cost of Production & Capital Goods	104.80	104.96	105.06	105.27
Bibit/Seed	103.63	102.91	102.91	102.82
Obat-obatan & Pupuk/Drugs&Fertilizer	102.19	102.38	102.67	102.67
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	106.35	106.35	106.35	107.17
Transportasi/Transportation	107.31	107.46	107.91	107.92
Penambahan Barang Moda/Additional Capital Goods	102.60	103.01	103.01	103.17
Upah Buruh Tani/Wages of Farm Labour	104.70	104.91	104.91	105.13
Nilai Tukar Petani/Farmers' Terms of Trade	105.17	105.24	105.22	104.30
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	110.40	110.30	110.60	110.18

Tabel 7.
Table

Nilai Tukar Petani Subsektor Perikanan
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Fishery Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

(lanjutan/continued)

Rincian/Details	Mei	Juni	Juli	Ags
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	116.23	116.50	119.31	119.80
Penangkapan/Capture Fisheries	119.77	120.43	123.70	123.65
Budidaya/Aquaculture	109.84	109.42	111.38	112.84
Indeks Dibayar Petani/Price Paid by Farmers Index	111.00	111.26	112.11	111.72
Konsumsi Rumah Tangga/Household Consumption	113.50	113.83	115.04	114.48
Bahan Makanan/Food Stuff	117.59	117.94	120.34	119.20
Makanan Jadi/Prepared Food	108.89	108.79	108.91	108.93
Perumahan/Housing	109.74	110.63	110.67	110.45
Sandang/Clothing	104.61	104.66	104.91	105.23
Kesehatan/Health	106.60	106.60	106.70	106.80
Pendidikan, Rekreasi & Olah raga/Education, Recreation& Sport	101.05	101.05	101.18	101.49
Transportasi dan Komunikasi/Transport and Communication	120.14	120.13	120.07	120.25
BPPBM/Cost of Production & Capital Goods	105.57	105.70	105.78	105.73
Bibit/Seed	103.66	103.66	104.33	103.86
Obat-obatan & Pupuk/Drugs&Fertilizer	102.96	103.28	103.73	103.78
Sewa Lahan, Pajak & Lainnya/Land Rental, Tax&Others	107.66	108.14	108.32	108.30
Transportasi/Transportation	108.24	108.43	108.40	108.45
Penambahan Barang Moda/Additional Capital Goods	103.30	103.30	103.30	103.22
Upah Buruh Tani/Wages of Farm Labour	105.29	105.29	105.29	105.29
Nilai Tukar Petani/Farmers' Terms of Trade	104.71	104.71	106.42	107.23
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	110.10	110.22	112.79	113.30

Tabel 7.
Table

Nilai Tukar Petani Subsektor Perikanan
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Fishery Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

(lanjutan/continued)

Rincian/Details	Sept	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	120.21	121.34	120.82	122.00
Penangkapan/Capture Fisheries	124.06	126.06	125.19	126.73
Budidaya/Aquaculture	113.26	112.82	112.93	113.47
Indeks Dibayar Petani/Price Paid by Farmers Index	111.90	112.73	114.54	118.17
Konsumsi Rumah Tangga/Household Consumption	114.65	115.72	117.11	120.30
Bahan Makanan/Food Stuff	119.39	121.37	122.94	127.44
Makanan Jadi/Prepared Food	108.86	109.42	110.38	111.49
Perumahan/Housing	110.80	110.87	112.49	113.53
Sandang/Clothing	105.64	105.71	106.24	107.77
Kesehatan/Health	106.90	106.86	108.09	109.21
Pendidikan, Rekreasi & Olah raga/Education, Recreation&Sport	101.50	101.64	102.13	102.82
Transportasi dan Komunikasi/Transport and Communication	120.25	120.27	121.74	129.37
BPPBM/Cost of Production & Capital Goods	105.94	106.24	108.97	113.54
Bitit/Seed	103.86	104.30	103.93	104.36
Obat-obatan & Pupuk/Drugs&Fertilizer	103.39	103.63	104.49	105.31
Sewa Lahan, Pajak & Lainnya/Land Rental,Tax&Others	109.13	109.65	109.54	110.72
Transportasi/Transportation	108.67	108.70	119.80	136.90
Penambahan Barang Moda/Additional Capital Goods	103.32	103.63	103.98	104.94
Upah Buruh Tani/Wages of Farm Labour	105.30	105.37	105.37	106.19
Nilai Tukar Petani/Farmers' Terms of Trade	107.43	107.64	105.48	103.24
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trade	113.47	114.21	110.87	107.45

Tabel 8.
Table

Nilai Tukar Petani Subsektor Perikanan Tangkap
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Capture Fisheries Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

Rincian/Details	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	119.97	120.33	120.69	120.36
Penangkapan Perairan Umum/ <i>Inland Openwater Capture Fisheries</i>	100.46	102.02	102.02	102.71
Penangkapan Laut/ <i>Marine Capture Fisheries</i>	119.99	120.35	120.70	120.37
Indeks Dibayar Petani/Price Paid by Farmers Index	109.91	109.87	110.29	111.07
Konsumsi Rumah Tangga/Household Consumption	112.50	112.41	112.99	114.03
Bahan Makanan/ <i>Food Stuff</i>	116.39	116.13	116.83	118.46
Makanan Jadi/ <i>Prepared Food</i>	107.43	107.55	108.19	109.01
Perumahan/ <i>Housing</i>	108.69	108.74	109.42	109.73
Sandang/ <i>Clothing</i>	104.38	104.66	104.77	104.80
Kesehatan/ <i>Health</i>	105.83	105.84	105.92	106.67
Pendidikan, Rekreasi & Olah raga/ <i>Education, Recreation & Sport</i>	100.65	100.84	100.89	100.99
Transportasi dan Komunikasi/ <i>Transportation and Communication</i>	119.33	119.33	119.38	119.61
BPPBM/Cost of Production & Additional Capital Goods	104.31	104.37	104.46	104.66
Biaya Sewa dan Pengeluaran Lain/ <i>Land Rental&Others</i>	106.02	106.02	106.02	106.76
Transportasi/ <i>Transportation</i>	107.36	107.59	107.93	107.58
Penambahan Barang Modal/ <i>Additional Capital Goods</i>	102.53	102.53	102.53	102.77
Upah Buruh/ <i>Wages of Farm Labour</i>	100.00	100.00	100.00	100.35
Nilai Tukar Petani/Farmers' Terms of Trade	109.15	109.52	109.42	108.37
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trading	115.02	115.30	115.53	115.00

Tabel 8.
Table

Nilai Tukar Petani Subsektor Perikanan Tangkap
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Capture Fisheries Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

(lanjutan/continued)

Rincian/Details	Mei	Jun	Jul	Ags
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	119.77	120.43	123.70	123.65
Penangkapan Perairan Umum/ <i>Inland Openwater Capture Fisheries</i>	103.41	103.41	103.41	103.41
Penangkapan Laut/ <i>Marine Capture Fisheries</i>	119.78	120.44	123.72	123.67
Indeks Dibayar Petani/Price Paid by Farmers Index	110.86	111.14	111.99	111.59
Konsumsi Rumah Tangga/Household Consumption	113.59	113.91	115.16	114.58
Bahan Makanan/ <i>Food Stuff</i>	117.57	117.92	120.32	119.17
Makanan Jadi/ <i>Prepared Food</i>	108.89	108.79	108.91	108.93
Perumahan/ <i>Housing</i>	109.74	110.63	110.67	110.45
Sandang/ <i>Clothing</i>	104.62	104.68	104.92	105.24
Kesehatan/ <i>Health</i>	106.60	106.60	106.70	106.80
Pendidikan, Rekreasi & Olah raga/ <i>Education, Recreation & Sport</i>	101.05	101.05	101.18	101.49
Transportasi dan Komunikasi/ <i>Transportation and Communication</i>	120.14	120.13	120.07	120.25
BPPBM/Cost of Production & Additional Capital Goods	104.96	105.12	105.12	105.12
Biaya Sewa dan Pengeluaran Lain/ <i>Land Rental& Others</i>	107.52	108.26	108.26	108.26
Transportasi/ <i>Transportation</i>	107.80	107.80	107.80	107.84
Penambahan Barang Modal/ <i>Additional Capital Goods</i>	102.98	102.98	102.98	102.95
Upah Buruh/ <i>Wages of Farm Labour</i>	100.35	100.35	100.35	100.35
Nilai Tukar Petani/Farmers' Terms of Trade	108.03	108.36	110.46	110.81
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trading	114.10	114.56	117.68	117.63

Tabel 8.
Table

Nilai Tukar Petani Subsektor Perikanan Tangkap
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Capture Fisheries Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

(lanjutan/continued)

Rincian/Details	Sep	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	110.81	126.06	125.19	126.73
Penangkapan Perairan Umum/ <i>Inland Openwater Capture Fisheries</i>	103.41	103.41	103.41	107.46
Penangkapan Laut/ <i>Marine Capture Fisheries</i>	124.08	126.08	125.20	126.74
Indeks Dibayar Petani/Price Paid by Farmers Index	111.77	112.65	114.78	118.81
Konsumsi Rumah Tangga/Household Consumption	114.76	115.85	117.24	120.46
Bahan Makanan/Food Stuff	119.37	121.35	122.91	127.42
Makanan Jadi/ <i>Prepared Food</i>	108.86	109.42	110.38	111.49
Perumahan/ <i>Housing</i>	110.80	110.87	112.49	113.53
Sandang/ <i>Clothing</i>	105.65	105.72	106.25	107.79
Kesehatan/ <i>Health</i>	106.90	106.86	108.09	109.21
Pendidikan, Rekreasi & Olah raga/ <i>Education, Recreation & Sport</i>	101.50	101.64	102.13	102.82
Transportasi dan Komunikasi/ <i>Transportation and Communication</i>	120.25	120.27	121.74	129.37
BPPBM/Cost of Production & Additional Capital Goods	105.31	105.71	109.44	115.23
Biaya Sewa dan Pengeluaran Lain/ <i>Land Rental& Others</i>	109.25	110.05	109.89	111.11
Transportasi/ <i>Transportation</i>	107.84	107.97	121.46	139.97
Penambahan Barang Modal/ <i>Additional Capital Goods</i>	102.91	103.39	103.71	104.89
Upah Buruh/ <i>Wages of Farm Labour</i>	100.35	100.35	100.35	100.98
Nilai Tukar Petani/Farmers' Terms of Trade	111.00	111.91	109.07	106.66
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trading	117.81	119.25	114.39	109.97

Tabel 9.
Table

Nilai Tukar Petani Subsektor Budi Daya
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Aquaculture Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

Rincian/Details	Jan	Feb	Mar	Apr
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	107.97	107.55	108.08	108.07
Budidaya Air Tawar / Freshwater Culture	107.97	107.55	108.08	108.07
Penangkapan Laut/Marine Capture Fisheries	107.14	107.14	107.14	108.09
Indeks Dibayar Petani/Price Paid by Farmers Index	110.19	110.25	110.66	111.42
Konsumsi Rumah Tangga/Household Consumption	112.26	112.19	112.75	113.76
Bahan Makanan/Food Stuff	116.46	116.20	116.90	118.53
Makanan Jadi/Prepared Food	107.43	107.55	108.19	109.01
Perumahan/Housing	108.69	108.74	109.42	109.73
Sandang/Clothing	104.35	104.63	104.74	104.77
Kesehatan/Health	105.83	105.84	105.92	106.67
Pendidikan, Rekreasi & Olah raga/Education, Recreation & Sport	100.65	100.83	100.89	100.99
Transportasi dan Komunikasi/Transportation and Communication	119.33	119.33	119.38	119.61
BPPBM/Cost of Production & Additional Capital Goods	105.69	106.03	106.13	106.36
Bitit/Seed	103.63	102.91	102.91	102.82
Pupuk,Obat-Obatan,dan Pakan/Fertilizer,Drugs&Feed	102.19	102.38	102.67	102.67
Biaya Sewa&Lainnya/Rental Cost&Others	106.94	106.94	106.94	107.90
Transportasi/Transportation	107.21	107.24	107.88	108.54
Penambahan Barang Modal/Additional Capital Goods	102.73	103.88	103.88	103.88
Upah Buruh Tani/Wages of Farm Labour	113.19	113.77	113.77	113.77
Nilai Tukar Petani/Farmers' Terms of Trade	97.98	97.55	97.66	96.99
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trading	102.15	101.43	101.83	101.61

Tabel 9.
Table

Nilai Tukar Petani Subsektor Budi Daya
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Aquaculture Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

(lanjutan/continued)

Rincian/Details	Mei	Jun	Jul	Ags
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	109.84	109.42	111.38	112.84
Budidaya Air Tawar / Freshwater Culture	109.85	109.43	111.39	112.86
Penangkapan Laut/Marine Capture Fisheries	108.09	108.09	109.57	109.57
Indeks Dibayar Petani/Price Paid by Farmers Index	111.24	111.48	112.35	111.94
Konsumsi Rumah Tangga/Household Consumption	113.35	113.67	114.82	114.29
Bahan Makanan/Food Stuff	117.63	117.98	120.39	119.24
Makanan Jadi/Prepared Food	108.89	108.79	108.91	108.93
Perumahan/Housing	109.74	110.63	110.67	110.45
Sandang/Clothing	104.59	104.64	104.89	105.21
Kesehatan/Health	106.60	106.60	106.70	106.80
Pendidikan, Rekreasi & Olahraga/Education, Recreation & Sport	101.05	101.05	101.18	101.49
Transportasi dan Komunikasi/Transportation and Communication	120.14	120.13	120.07	120.25
BPPBM/Cost of Production & Additional Capital Goods	106.65	106.74	106.97	106.84
Bibit/Seed	103.66	103.66	104.33	103.86
Pupuk, Obat-Obatan, dan Pakan/Fertilizer, Drugs & Feed	102.96	103.28	103.73	103.78
Biaya Sewa&Lainnya/Rental Cost&Others	107.90	107.90	108.41	108.38
Transportasi/Transportation	109.05	109.58	109.48	109.55
Penambahan Barang Modal/Additional Capital Goods	103.88	103.88	103.88	103.70
Upah Buruh Tani/Wages of Farm Labour	114.22	114.22	114.22	114.22
Nilai Tukar Petani/Farmers' Terms of Trade	98.74	98.15	99.14	100.80
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trading	102.98	102.51	104.12	105.61

Tabel 9.
Table

Nilai Tukar Petani Subsektor Budi Daya
Provinsi Sulawesi Utara, Januari-Desember 2014
(2012=100)

*Farmers' Terms of Trade Aquaculture Subsector
Province of North Sulawesi, January – December 2014
(2012=100)*

(lanjutan/continued)

Rincian/Details	Sep	Okt	Nov	Des
(1)	(2)	(3)	(4)	(5)
Indeks Diterima Petani/Price Received by Farmers Index	113.26	112.82	112.93	113.47
Budidaya Air Tawar / Freshwater Culture	113.28	112.83	112.94	113.46
Penangkapan Laut/Marine Capture Fisheries	109.57	110.81	110.69	114.05
Indeks Dibayar Petani/Price Paid by Farmers Index	112.13	112.87	114.11	117.00
Konsumsi Rumah Tangga/Household Consumption	114.46	115.49	116.87	120.00
Bahan Makanan/Food Stuff	119.43	121.41	122.98	127.49
Makanan Jadi/Prepared Food	108.86	109.42	110.38	111.49
Perumahan/Housing	110.80	110.87	112.49	113.53
Sandang/Clothing	105.62	105.69	106.22	107.76
Kesehatan/Health	106.90	106.86	108.09	109.21
Pendidikan, Rekreasi & Olah raga/Education, Recreation & Sport	101.50	101.63	102.14	102.83
Transportasi dan Komunikasi/Transportation and Communication	120.25	120.27	121.74	129.37
BPPBM/Cost of Production & Additional Capital Goods	107.08	107.19	108.12	110.49
Bitit/Seed	103.86	104.30	103.93	104.36
Pupuk,Obat-Obatan,dan Pakan/Fertilizer,Drugs&Feed	103.39	103.63	104.49	105.31
Biaya Sewa&Lainnya/Rental Cost&Others	108.92	108.92	108.92	110.01
Transportasi/Transportation	110.18	110.03	116.81	131.35
Penambahan Barang Modal/Additional Capital Goods	104.06	104.07	104.48	105.03
Upah Buruh Tani/Wages of Farm Labour	114.22	114.41	114.42	115.59
Nilai Tukar Petani/Farmers' Terms of Trade	101.00	99.95	98.97	96.98
Nilai Tukar Usaha Pertanian/Farmers' Business Terms of Trading	105.77	105.25	104.45	102.70

DATA

MENCERDASKAN BANGSA

<http://sulut.bps.go.id>



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