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Volume I

# Survey of Food Demand for AGRICULTURAL COMMODITIES IN THE PHILIPPINES

**NATIONAL  
AND  
REGIONAL  
LEVELS**



Republic of the Philippines  
Department of Agriculture

**BUREAU OF AGRICULTURAL STATISTICS**

**MAY 2010**

## **FOREWORD**

The Bureau of Agricultural Statistics conducted the 2008-2009 Survey of Food Demand for Agricultural Commodities (SFD) in response to the need for new benchmark information on consumption of agricultural commodities. The reduction in the supply and the surge in the price of rice in the world market during the early part of 2008 triggered the demand for statistics in the domestic consumption of rice and other food items. Concerned stakeholders made representations to the National Agricultural and Fishery Council (NAFC) and recommended the conduct of SFD. The BAS took this opportunity to look into the shifts in food consumption patterns and changes in consumer's preferences, including the extent of food substitution.

The results of the survey are contained in two (2) volumes of reports. Volume 1, which is the main report, presents the findings on the average per capita consumption by commodity at the national and regional levels. It also describes the background information and other details about the characteristics and practices of the households regarding food consumption. Volume 2 presents the average per capita consumption by socio-economic class of households with regional disaggregation, and per capita consumption by classification of barangays with regional and provincial levels of disaggregation.

The BAS gratefully acknowledges the financial support provided by GMA-Rice Program of the Department of Agriculture. The BAS also appreciates the cooperation of the sample households and the respondents who were interviewed by the Bureau's data collectors during the four (4) rounds of the survey.

As in other BAS publications, we welcome comments and suggestions from data users and readers of this report.

**ROMEO S. RECIDÉ**  
**Director**

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## EXPLANATORY NOTES

The conduct of the Survey of Food Demand for Agricultural Commodities is guided by the following concepts and definitions, coverage and classification system.

- ◆ Household refers to a person or a group of persons, generally but not necessarily bound by ties of kinship, who live together under the same roof and eat together or share in common household food.
- ◆ Socio-economic classification of households was based on the Social Weather Station (SWS) guidelines.
  1. AB (Upper Class) - the most affluent group whose homes and lifestyle exude an obvious disregard for or lack of economizing.
  2. C (Upper/Middle Class) - those households whose homes and lifestyle reflect comfortable living and the capacity to indulge in a few luxuries.
  3. D (Lower Class) - those households who have some comfort and means but basically thrive on a hand-to-mouth existence.
  4. E (Extremely Lower Class) - those households who evidently face great difficulties in meeting their basic survival needs.
- ◆ Total household income refers to the total gross income of all the members of the household including income from other sources. Income from other sources refers to income from winnings of game of chance, gifts, commission, house rentals, etc, which form part of the household gross income.
- ◆ Food commodities covered in the survey
  1. Rice (plain) refers to cooked rice converted in original raw form. Rice consumed includes the quantity of leftover rice which is wasted/spoiled and fed to animals/pets. Rice purposely cooked for pets and other animals raised by the household is excluded from the household consumption.
  2. Corn includes corn in cob, corn grits and shelled corn. Corn in cob includes raw, boiled or roasted. Popcorn, cornick, fried corn and “binatog” fall under shelled corn. Corn in cob and corn grits are converted into shelled corn equivalent.
  3. Vegetables, legumes, condiments and rootcrops are those acquired fresh. They may be eaten/consumed fresh or cooked. Likewise, fruits are consumed fresh or ripe. Green or unripe papaya and jackfruit are considered as vegetables.

4. Meat refers to those acquired fresh and cooked/prepared in the household. Cooked meat (fried, boiled or roasted) which were bought or given and consumed in the household are also included. Processed meat e.g., tapa, tocino, longaniza, and similar products are included only if they are prepared at home.
  5. Egg refers to table (fresh) egg coming from chicken.
  6. Fish refers to various fish species such as milkfish, tilapia and galunggong which are in fresh form.
  7. Noodles include bihon, pasta, canton, fresh miki and instant noodles.
  8. Bread covers pandesal only.
- ◆ Buying pattern refers to the frequency of buying by the households of the commodities whether consumed or not during the past seven (7) days on the reference period of the survey.
  - ◆ Classifying occupation is based on the 2002 Philippine Standard Occupational Classification (PSOC) as follows:
    1. Officials of Government and Special Interest Organizations, Corporate Executives, Managers Managing Proprietors and Supervisors
    2. Professionals
    3. Technicians and Associate Professionals
    4. Clerks
    5. Service Workers and Shop and Market Sales Workers
    6. Farmers, Forestry Workers and Fishermen
    7. Craft and Related Trades Workers
    8. Plant and Machine Operators and Assemblers
    9. Elementary Occupation: Laborers and Unskilled workers
  - ◆ Blank cells in the statistical tables indicate that there was no report for a particular data item.

# **Survey of Food Demand for Agricultural Commodities in the Philippines**

## **EXECUTIVE SUMMARY**

- ◆ The survey noted that the national average size of households was 5.19. About 49.73 percent of the household members were males and 50.27 were females. About 20.58 percent of the household workers were in the age group of 22-25 years.
- ◆ Countrywide, about 27.80 percent of the household members 15 years old and over were laborers and unskilled workers while 22.89 percent were farmers/fishermen. About 13.51 percent worked as service workers, shop and market sales workers.
- ◆ By socio-economic class, Class D households dominated with 51.33 percent share. Class E and Class C households followed with shares of 25.27 percent and 19.97 percent, respectively. Class AB or the more affluent group of households accounted for only 3.43 percent.
- ◆ Almost 45 percent of the households had annual income of P80,000 and below. About 30 percent were classified under the income group of P135,001 to P500,000 and 22.29 percent had annual income of P80,001 to P135,000. The high income class of P500,001 to P1,000,000.00 was represented by 2.36 percent and those belonging to more than P1 million by 0.50 percent.
- ◆ There were 95.53 percent of the households in the country that consumed rice during the reference period and 82.86 percent of them bought this item. For all the other commodities covered by the survey, majority of the households bought the items they consumed.
- ◆ On the average, the annual per capita consumption of rice across the country was 119.08 kilograms. For corn, the average annual per capita consumption was 7.07 kilograms.
- ◆ The yearly per capita consumption of camote was 4.06 kilograms. Among the vegetables, the highest consumption was noted for eggplant at 4.21 kilograms per person per year. Squash, tomato, ampalaya and stringbeans had per capita consumption of more than 2.00 kilograms per annum.
- ◆ Annual consumption of fruits ranged from a low of 1.20 kilograms for pineapple to a high of 16.69 kilograms for banana per person per year.
- ◆ Annual per capita consumption of meat averaged 9.15 kilograms for pork and 7.90 kilograms for chicken.

- ◆ Fresh/pasteurized milk indicated a yearly consumption of 0.16 liter per person.
- ◆ Roundscad, tilapia and milkfish posted average annual per capita consumption of 5.36 kilograms, 4.68 kilograms and 4.21 kilograms, respectively.
- ◆ The combined annual per capita consumption of bihon, pasta, canton, fresh miki and instant noodles averaged 5.15 kilograms. On the other hand, consumption of pandesal was 4.16 kilograms per person per year.
- ◆ On rice substitution, about 9.81 percent of households ate bread in place of rice for breakfast; 1.99 percent and 1.96 percent of households ate corn during lunch and dinner, respectively; and 4.45 percent ate noodles instead of rice during breakfast.
- ◆ In terms of main reason for rice substitution, 19.83 percent of the households said that rice was available but they cannot afford to buy the item. About 11.38 percent said that they were on diet or had health problems.
- ◆ Per household, the average quantity of rice that was spoiled/wasted was two (2) kilograms per year; 16 kilograms of leftover rice were fed to animals and 2.22 kilograms of rice were purposely cooked for pets/animals a year.
- ◆ The annual average per capita consumption of rice was highest among households belonging to Class C at 122.62 kilograms. It was least among Class E households at 111.38 kilograms. These household groups recorded the highest per capita consumption of corn at 13.36 kilograms per year. Class AB households consumed the least at less than 1.00 kilogram per person annually.
- ◆ Class E households recorded higher annual per capita consumption of more than 4.00 kilograms for camote and cassava, and 1.20 kilograms for gabi. Class AB households posted high annual per capita consumption of white potato at 2.60 kilograms.
- ◆ Class AB households had the highest annual per capita consumption for most of the vegetables, legumes and condiments covered in the survey. The group also came up with highest annual average per capita consumption of fruits, particularly pineapple and mango. Class E households had the least consumption record but they ate more of banana which was consumed at an average of 14.57 kilograms per person per year.
- ◆ Annual average per capita consumption of meat and eggs was higher among Class AB households. Estimates were 18.10 kilograms for pork, 15.50 kilograms for chicken, and 5.36 kilograms for chicken eggs.
- ◆ Class AB households had higher annual per capita consumption of milkfish and tilapia. Class D households had higher annual per capita consumption of roundscad.
- ◆ By income group, consumption of rice was heavier at 122.12 kilograms per person per year in households with reported annual income of above P1 million. These households had the lowest per capita consumption of corn at 0.95 kilogram per year.

- ◆ Households in the lowest income group ( $\leq$ P80,000.00) recorded the lowest annual average per capita consumption of rice at 118.66 kilograms. This group came up with higher per capita consumption of corn, camote, cassava, gabi and okra.
- ◆ Compared with the urban households, those in the rural barangays consumed more rice and corn at 122.98 kilograms and 11.44 kilograms per capita per year, respectively.
- ◆ Lesser consumption of rootcrops was noted in urban barangays except for white potato.
- ◆ Households in rural barangays were the least consumers of cabbage, pechay, ampalaya, chayote, tomato, habitchuelas, onion and garlic. However, they consumed more eggplant, okra, squash, stringbeans and mungo compared to those households in the urban barangays.
- ◆ Rural barangays recorded the highest average annual per capita consumption of banana at 18.67 kilograms while those in the urban areas consumed mango at 3.59 kilograms.
- ◆ Similarly, consumption of pork, chicken and chicken egg recorded bigger consumption in urban barangays at 10.66 kilograms, 9.93 kilograms and 3.74 kilograms per person per year.
- ◆ Fishes were consumed in bigger amount by households in urban areas, specifically for milkfish, tilapia and roundskad with annual per capita consumption of more than 5.00 kilograms each.
- ◆ Households in urban barangays ate more of instant noodles at 3.12 kilograms compared to rural barangays at 2.65 kilograms per person a year.
- ◆ Rural households recorded an average annual per capita consumption of 3.07 kilograms for pandesal while those in the urban areas registered 5.41 kilograms per person per year.



# **SURVEY OF FOOD DEMAND FOR AGRICULTURAL COMMODITIES IN THE PHILIPPINES**

## **I. INTRODUCTION**

### **A. Background and Rationale**

In 1994, the National Food Authority (NFA) Council came up with the resolution for the conduct of the Food Consumption Survey (FCS) covering cereals, cereal-based products, cereal substitutes and other selected non-grain commodities. The FCS became a joint project of the Bureau of Agricultural Statistics (BAS) and NFA. It was a nationwide survey implemented in 1995 in four (4) quarterly rounds. The FCS aimed to generate data on per capita consumption as inputs in the estimation of the total food requirement of the country.

As a special assignment from the Department of Agriculture (DA), the BAS again conducted four (4) survey rounds of FCS from 1999 to 2000 to determine the average per capita consumption of rice, corn and other basic agricultural food items, consumption patterns in terms of seasonal, regional and provincial variations and to examine the extent of rice substitution.

It would have been ideal to provide the DA and other stakeholders with regular survey-based estimates of food consumption, but this could not be done, mainly because of lack of resources. In the absence of direct measurements of per capita consumption, the Supply and Utilization Accounts (SUA) framework is used in deriving the per capita consumption of agricultural food commodities like rice. However, some data users claimed that this method resulted in either underestimation or overestimation of domestic requirements and importation. Because of these concerns, the Sub-Committee on Cereals under the NAFC-Committee on Food Crops recommended to the DA in early 2008 the setting up of an effective monitoring system for rice consumption through the regular conduct of consumption surveys. The results of these surveys will be important inputs in targeting rice production and importation. Subsequently, the BAS was tasked by the DA to conduct a statistical inquiry on this aspect. Funding support came from the GMA-Rice Program.

### **B. Objectives**

The general objective of this statistical survey is to determine the Filipinos' current and emerging consumption patterns and habits with regard to staple commodities such as rice, corn and other basic food items. Specifically, the survey aims to:

- determine the present average per capita consumption of rice, corn and other basic agricultural food items;
- determine the emerging consumption patterns as well as the purchasing patterns of the Filipino households;
- study the current shift in consumer's preference including substitution of rice with other food commodities;
- provide inputs for the construction of demand functions and estimation of elasticities of demand for agricultural commodities; and,
- analyze the relationship of demographic and socio-economic factors on the food consumption patterns.

## **II. SURVEY METHODOLOGY**

### **1. Coverage and Frequency of the Survey**

The 2008-2009 Survey of Food Demand for Agricultural Commodities (SFD) covered sample households in urban and rural barangays in 81 provinces, the cities of Zamboanga and Davao, and the National Capital Region (NCR). The 81 provinces included Batanes and the newly created provinces of Dinagat Islands and Shariff Kabunsuan. The latter, however, was dropped from the survey coverage starting the second round.

The SFD was planned to be conducted in four (4) quarterly rounds to capture any seasonal variation in consumption. The first survey round was undertaken in August 2008. The reference period was the past week or past seven (7) days. The succeeding survey rounds were conducted in November 2008, and May 2009<sup>1</sup>. To better monitor changes in consumption patterns of households across quarters, the same sets of sample barangays and households were covered in all the survey rounds.

### **2. Sampling Frame**

The list of barangays enumerated in the 2007 Census of Population (POPCEN) served as the sampling frame. Information on final population counts by barangay as of August 1, 2007 from the 2007 POPCEN was utilized and made part of the sampling frame. The 2007 POPCEN list was reconciled with the most updated geographic codes based on the Philippine Standard Geographic Classification (PSGC) as of March 31, 2008. Aside from the geographic codes and names of

<sup>1</sup> *Due to logistic constraints, the February 2009 SFD round was also conducted in May.*

municipalities and barangays, the PSGC contains the urban-rural classification of the barangays as of 2000 and income classification of the cities and municipalities, which were equally important information needed in the development of the sampling frame.

The income classifications of cities and municipalities were based on the Department of Finance Department Order No. 20-25 effective July 29, 2005. These income classifications were summarized below.

<b>Cities</b>		<b>Municipalities</b>	
<b>Class</b>	Average Annual Income	<b>Class</b>	Average Annual Income
<b>Special</b>	Per Presidential Decree No. 465		
<b>First</b>	P300 M or more	<b>First</b>	P50 M or more
<b>Second</b>	P240 M or more but less than P300 M	<b>Second</b>	P40 M or more but less than P50 M
<b>Third</b>	P180 M or more but less than P240 M	<b>Third</b>	P30 M or more but less than P40 M
<b>Fourth</b>	P120 M or more but less than P180 M	<b>Fourth</b>	P20 M or more but less than P30 M
<b>Fifth</b>	P70 M or more but less than P120 M	<b>Fifth</b>	P10 M or more but less than P20 M
<b>Sixth</b>	Below P70 M	<b>Sixth</b>	Below P10 M

Only total population counts were available from the 2007 POPCEN as of the time of sampling frame development. The data on average household size by barangay from the 2000 Census of Population and Housing (CPH) were used to generate the “derived number of households as of 2007”, a requirement in the computation of the sampling weights. Also, due to the limitation of the available information from the 2007 POPCEN, total population was assumed to be more or less the same as the household-based population. This assumption could be valid since based on 2000 CPH final population counts, only a small proportion (0.28%) of the country’s total population was institutional population. Across provinces (cities in NCR), the share of institutional population in total population ranged from 0.04% in Quirino and 2.37% in Muntinlupa City. Likewise, some barangays counted in the 2007 POPCEN but have no reported population in the Census’ final population counts because they were either (a) devastated by flood, (b) converted

into commercial areas without living quarters, or (c) disputed by the municipality of another province, were excluded from the sampling frame.

### 3. Survey Domain and Sample Size

As a rule, the domain of the survey was the province. Exceptions to the rule were the NCR where the domain was the whole region and the Cities of Zamboanga and Davao which were considered as separate domains.

The following sample sizes are established for the survey:

<b>Domain</b>	<b>Barangays<sup>2</sup></b>	<b>Households (10 per barangay)</b>
81 Provinces and 2 Cities	1,328	13,280
NCR	60	600
<b>Total</b>	<b>1,388</b>	<b>13,880</b>

### 4. Sampling Design and Sample Selection

For the 81 provinces and the cities of Zamboanga and Davao, a two-stage sampling design was used with the barangay as the primary sampling unit (PSU) and the household as the secondary sampling unit (SSU).

The barangays were first stratified according to their urban-rural classification, forming two strata: one for urban barangays and another for rural barangays. Thereafter, the total number of sample barangays in the province (=16) was allocated proportionately to the number of barangays in the stratum.

In the selection of the PSUs, the barangays were arrayed based on city/municipality income class. Systematic sampling was then employed in drawing the samples. This ensured that barangays in high and low-income cities/municipalities were represented in the sample. Income class, which was one of the determinants of food consumption patterns among households<sup>3</sup> was factored in the sampling process on the assumption that it is associated with urbanization.

<sup>2</sup> Sixteen (16) sample barangays per domain for 81 provinces and the cities of Zamboanga and Davao; 60 sample barangays for NCR.

<sup>3</sup> Global Perspective Studies Unit, FAO, *The outlook for long-term changes in food consumption patterns: Concerns and policy options*, <http://www.fao.org/es/ESD/Schmidhuberdiest.pdf>

Selection of SSUs within each PSU was done during field data collection using systematic sampling through the right coverage technique, based on pre-assigned starting point (sp), random start (rs), and sampling interval (i).

For the National Capital Region (NCR) a two-stage sampling procedure was also used, with the barangay as PSU and the household as SSU. As in the provinces, stratification was done at the PSU level. However, urban-rural classification was not considered since all the barangays were urban. Instead, the barangays were stratified by district.

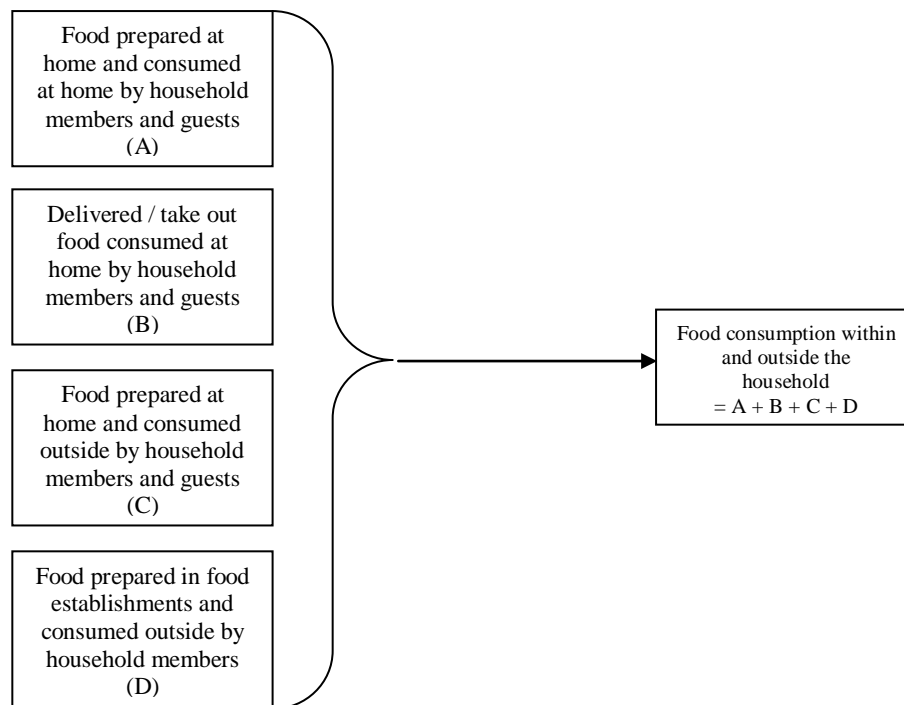
In each city/municipality, two (2) sample barangays were selected systematically from an ordered list of barangays based on barangay total population. This ensured that large and small barangays, in terms of population were represented in the sample.

The same procedure used in identifying the sample households in the provinces was followed in the NCR. However, the sampling interval for urban barangays was  $i=10$ .

## 5. Estimation Procedure

Estimation of household-level food consumption (i.e. within and outside the household) was based on the following framework:

Total consumption comprised of four (4) components as illustrated in the following diagram.



The first three components were gathered directly from the respondents (Block D of the questionnaire), while the fourth were derived based on the assumption that the food consumption pattern of household members within the household was more or less the same as the food consumption pattern of household members when they eat in food establishments. In formula terms, D is expressed as:

$$D = \left( \frac{A + B + C}{nm_h} \right) * (nm_f)$$

*where:*

$nm_h$  - is the number of man-meals and man-snacks consumed by household members within the household

$nm_f$  - is the number of man-meals and man-snacks consumed by household members in food establishments

*and*

Food consumption within and outside the household = A + B + C + D

At the provincial/domain level, estimates of total consumption were computed by direct expansion of corresponding household-level data across all samples. Per capita consumption was derived by dividing the estimated total consumption by total number of household members.

The same procedure was applied to other variables, that is, by direct expansion of household-level characteristics across all samples.

### **III. SURVEY OPERATION**

#### **A. Training**

As in any survey operation, training is a must. It enables all those involved in the activity to have a uniform understanding of the concepts and procedures. This is an important step towards minimizing the errors committed during field operations. For all the survey rounds, several levels of training were conducted. The first level was the training of the regional and provincial agricultural statistics officers while the succeeding levels involved the trainings of the POC staffs who handled most of the field supervision work, and the contractual data collectors (CDCs) who undertook the data gathering. A separate training of Central Office technical staff was conducted at the Central Office. They provided technical back-stopping support to the field operations in selected provinces.

To maximize understanding of the survey concepts and procedures, field training (of POC staff and CDCs) included the following activities:

- ❑ Discussion of concepts and procedures;
- ❑ Dry run exercise in a non-sample barangay which provided the training participants with hands-on experience of the things discussed in the lectures);
- ❑ Clearing/discussion and addressing of issues and gray areas that emerged during the dry-run exercise; and
- ❑ Discussion of consistency checks/editing procedures.

## **B. Field Data Collection**

Data collection was done by Contractual Data Collectors (CDCs) under the supervision of the POCs and ROCs staff. The following activities were conducted during the field operations:

- ❑ Searching for and enumeration of qualified sample households (face-to-face interview were used in the process)
- ❑ Filling up of the call sheet
- ❑ Monitoring and spot-checking by field supervisors
- ❑ Back-checking of completed barangays by field supervisors

The following materials were used:

- ❑ Questionnaires
- ❑ Enumerator's manual
- ❑ List of sample barangays
- ❑ Call sheets
- ❑ Pencil

## **C. Supervision**

Field supervisors ensured that the field operation run smoothly and within schedule. Part of their work was observing the data collectors, made follow ups, spot checks on the interviewers, edited completed questionnaires and back-checked their work especially when incomplete or inconsistent entries were found in the data collector's work. They were always on top of the situation and addressed problems encountered within their supervision areas.

## **IV. DATA PROCESSING**

Two (2) systems were developed for SFD; one was the Integrated Microcomputer Processing System (IMPS) version 3.3 and the other was the Census Survey Processing (CSPro) 4.0. The first round of SFD (August round) was processed using IMPS while the 2<sup>nd</sup> to 4<sup>th</sup> rounds were processed using CSPro. No training was conducted in the first round due to familiarity of Provincial Processing Officers (PPOs) in IMPS-based systems while training was conducted on the use of CSPro-based SFD systems. Although data capture and editing procedures were done using IMPS and CSPro, the tabulation programs were developed using COBOL software to facilitate the generation of output tables.

Data capture and cleaning or error listing of data were done at the Provincial Operations Centers (POCs). The clean data files were sent to the Central Office for further processing and data checking/validation. The personnel of ICTD generated the output tables which were forwarded to AASID for review and analysis.

## **V. DATA REVIEW AND ANALYSIS**

The Socio-Economic Statistics Section (SESS) of the Agricultural Accounts and Statistical Indicators Division (AASID) spearheaded the conduct of seminars/technical meetings in preparation for the review of all the output tables for the four (4) survey rounds (August and November 2008 / February and May 2009). Two technical groups, i.e., the Data Review and Analysis Team and the Technical Working Group on Agricultural Accounts Indicators were tasked to review, analyze and interpret the data.

Data review and validation of the household level data was conducted before the tables on per capita consumption by region and by quarter were finalized. Weekly and annual averages of per capita consumption by commodity with urban and rural disaggregation and by socio-economic class were reviewed and analyzed.



Estimates of the average weekly per capita consumption for four (4) quarters were derived by adding the four (4) weekly per capita consumption and dividing the results by 4. The results were multiplied by 52 (number of weeks in a year) to arrive at the average annual per capita consumption.

The survey results was validated with other related information from various surveys and censuses. Estimates of the 2008-2009 per capita consumption were compared with the results of the 1995 BAS-NFA Food Consumption Survey, 1999-2000 BAS Food Consumption Survey, the 2003 FNRI Food Consumption Survey and the 2008 Supply Utilization Accounts for Selected Agricultural Commodities.

Household characteristics were analyzed in terms of average size, sex, age/age group, education, main occupation, socio-economic class and income class using the results of November 2008 round. This round produced the most complete results which include Batanes. Regional comparisons were also done.

The buying pattern of households was described by the percentage distribution of the frequency of purchase, e.g. daily, weekly, twice/thrice a month, monthly and as need arises/unscheduled.

Sources of food eaten were described by percentage distribution of source, e.g., bought, own produced and given.

Households' eating practices were described in terms of whether the household members ate outside (establishment, restaurant/fastfood, etc.) or not. These were analyzed in terms of percentage distribution at the national and regional levels by type of food eaten, type of meal, and buying "take home" food. The main reasons for eating outside, e.g. economical, time constraint, accessibility, social and job/work were also included in the analysis.

On rice substitution, eight (8) basic food commodities were considered as rice substitutes, namely; corn, camote, cassava, gabi, white potato, banana (saba only), noodles and bread. Each commodity was described and analyzed in terms of percentage distribution by type of meal, e.g., breakfast, lunch, dinner and snacks and by region. Five (5) reasons were identified for consuming these commodities in place of rice, e.g., rice available but cannot afford to buy, rice not available although can afford to buy, rice not available and cannot afford to buy, residence far from the source of rice and health problem/diet.

Influence of demographic and socio-economic factors on consumption was described in terms of per capita consumption by socio-economic class, income class, by household size, percentage of working members and by barangay classification (urban & rural).

## **VI. HIGHLIGHTS OF THE SURVEY FINDINGS**

### **A. Household Characteristics**

#### **Average Household Size, Sex and Age of Household Members** **(Tables 1- 2)**

- ◆ Results of the survey indicated that the national average household size was 5.19. By region, ARMM recorded the biggest average household size at 5.99. The smallest average household sizes were noted in CALABARZON at 4.86 and Northern Mindanao at 4.80.
- ◆ Of the total number of household members, females accounted for 50.27 percent and males, 49.73 percent. In the regions of Ilocos and Davao, about 52 percent of household members were females. In MIMAROPA and Northern Mindanao, about 52.00 percent of the household members were males.
- ◆ The average age of household members was 27 years old. It was 23 in ARMM while in Ilocos, it was 30 years.
- ◆ By age group, household members in the age bracket of 22-35 years had the biggest share at 20.58 percent. This was followed by age brackets of 15-21 at 15.01 percent and 36-46 at 13.09 percent. The higher concentrations of household members in the age bracket of 22-35 years were indicated in NCR at 25.02 percent, Cagayan Valley at 22.46 percent and Central Luzon at 22.02 percent.

#### **Education** **(Table 3)**

- ◆ At the national level, 25.43 percent of the household members reached elementary schooling. About 20.54 percent were high school graduates. There were 10.78 percent who have reached college level while 11.73 percent obtained college degrees. Only 0.16 percent pursued post-graduate studies.
- ◆ Across regions, about 17.68 percent of household members in Central Visayas were elementary school graduates. The proportions of high school graduates were highest in NCR at 34.15 percent, Central Luzon at 27.83 percent, and Ilocos Region at 27.09 percent. Bigger proportions of household members with college degrees were noted in Davao Region at 16.87 percent, CAR at 14.77 percent, and NCR at 14.14 percent.
- ◆ In ARMM, 20.53 percent of the household members had no formal schooling. Zamboanga Peninsula, Central Visayas, and MIMAROPA also posted relatively big proportions of household members who had no formal education at more than 15.00 percent each.

**Occupation**  
**(Table 4)**

- ◆ Regarding the main occupation of household members, 15 years old and over, 27.80 percent were classified as laborers and unskilled workers. About 22.89 percent were farmers and fishermen and 13.51 percent worked primarily as service workers, shop and market sales workers.
- ◆ Plant and Machine Operators and Assemblers accounted for 9.79 percent while Craft and Related Workers were 9.64 percent.
- ◆ By region, bigger proportions of household members were into farming as reported in CAR at 38.76 percent, Cagayan Valley at 31.31 percent, SOCCSKSARGEN at 30.89 and ARMM at 32.16 percent. Highest percentage of household members classified as laborers and unskilled workers was recorded in Cagayan Valley at 44.41 percent, Western Visayas at 37.92 and SOCCSKSARGEN at 38.79 percent.

**Socio- Economic Class**  
**(Table 5)**

- ◆ By socio-economic class, there were 51.33 percent of the households across the country who belonged to Class D. Class E households made up 25.27 percent and Class C, 19.97 percent. The more affluent group or Class AB accounted for 3.43 percent of the households.
- ◆ At the regional level, the biggest proportion of Class D households was found in SOCCSKSARGEN at 63.04 percent. About 47.32 percent of households in ARMM were under Class E. The share of Class AB households were relatively higher in Central Luzon at 6.33 percent and in Davao Region at 5.93 percent. Among the urban households in NCR, 45.08 percent were identified as Class D while 4.70 percent represented the upper class or AB.

**Income Class**  
**(Table 6)**

- ◆ Households with annual income of P80,000 and below accounted for 44.87 percent of the household population. There were 22.29 percent who reported annual household incomes between P80,001 to P135,000. About 29.97 percent were in the P135,001 to P500,000 income bracket. Households belonging to the income class of P500,001 to P1,000,000 were 2.36 percent. Only 0.50 percent of the households had an annual income greater than P1 million.

- ◆ Among the regions, Zamboanga Peninsula recorded the biggest proportion of households with annual income of P80,000 and below. About 65.03 percent of the households were under this income class. NCR had the smallest proportion of households in the category with 19.15 percent reporting. The region had the biggest percentage of households or 49.21 percent with annual income ranging from P135,001 to P500,000.
- ◆ Of the households in Central Luzon, Eastern Visayas and Caraga, more than 1.00 percent each indicated annual income of more than P1 million.

## **B. Sources of Food and Buying Patterns**

### **Sources of Food Eaten** **(Tables 7)**

- ◆ About 95.53 percent of the households reported consumption of rice during the period. Of these households, 82.86 percent bought the rice they consumed. Households that consumed rice coming from their own production accounted for 11.09 percent and almost 2 percent consumed rice which was given to them during the reference period.
- ◆ About 6.23 percent of the households nationwide bought corn in cob, 4.09 percent bought corn grits, and 1.10 percent bought shelled corn that they consumed.
- ◆ Purchase of items for their consumption was 14.16 percent of the households for camote; 10.17 percent in the case of white potato; 6.34 percent for cassava, and 5.59 percent for gabi.
- ◆ Household consumption of tomato was reported by 60.01 percent. There were 57.14 percent who bought the item. Among those who consumed eggplant, 43.33 percent bought the item. More than 32.00 percent of the households nationwide bought ampalaya and stringbeans that they ate. Squash was bought by about 26.39 percent and mongo by 21.24 percent of the households for their consumption during the reference period. Buying of onion and garlic for household consumption was reported by 75.37 percent and 73.22 percent of the households, respectively.
- ◆ Bananas and mangoes were bought by 46.95 percent and 15.85 percent of the consuming households, respectively. Buying of pineapple for consumption was reported by 4.53 percent of households. Out of the 10.76 percent who consumed papaya, 5.48 percent ate their own produce.

- ◆ Pork consumption during the reference period was reported by 63.82 percent of the households. There were 62.18 percent who bought the pork they consumed. About 48 percent purchased the chicken they consumed. Purchase of chicken egg for consumption was reported by 69.44 percent of the households.
- ◆ Consumption of fish during the reference period was reported by 36.27 percent for milkfish, 36.90 percent for tilapia, and 46.08 percent for roundscad. There were 35.11 percent who purchased milkfish for consumption, 34.51 percent for tilapia, and 44.53 percent for roundscad.
- ◆ There were 65.14 percent of the households which consumed instant noodles during the reference period. About 64.79 percent bought instant noodles.
- ◆ Pandesal consumption was noted among 48.53 percent of households. About 48.24 percent purchased the item for their consumption.

**Buying Frequency**  
**(Tables 8.1 – 8.40)**

- ◆ Across the country, some 34.00 percent of the households bought plain rice once a week. This frequency was reported by 58.24 percent of the households in Davao Region and 41.48 percent of those in Northern Mindanao. About 24.27 percent of the households purchased rice only when the need arises. In the NCR and Eastern Visayas, this condition was noted by 36.86 percent and 35.38 percent, respectively.
- ◆ Buying corn in cob only when needed was reported by 4.83 percent of the households. This frequency was noted in Cagayan Valley by 10.42 percent and in CALABARZON, by 9.55 percent. Only 1.94 percent of the households nationwide purchased corn grits once a week. In Central Visayas, 12.55 percent observed this frequency.
- ◆ At the national level, purchase of camote and white potato as the need arises was reported by about 10.08 percent and 7.34 percent of the households, respectively. This same practice was observed by 20.07 percent of the households in Bicol for camote and 15.60 percent of CALABARZON for white potato. Weekly purchase of gabi was reported by 5.75 percent of the households in Central Luzon and 2.48 percent of those in Cagayan Valley.
- ◆ Condiments were bought as needed according to 41.02 percent of households for onion and 39.80 percent for garlic. In MIMAROPA, more than 60 percent of households reported the same pattern. In the case of vegetables, this frequency of buying was recorded among 32.30 percent of households reporting for tomato, nationwide. In NCR, about 48.00 percent of households bought the item as the need arises. For legumes, 15.08 percent of buyers nationwide purchased mungo when needed. In Ilocos Region, 28.19 percent of households reported this practice.

- ◆ Banana was bought by 29.07 percent as the need arises. In the case of mango, 10.89 percent of households reported the same condition. Across regions, this practice was observed by 45.03 percent of households in NCR for banana and 17.71 percent of those in CARAGA for mango.
- ◆ Purchase of livestock and poultry products for consumption was not based on any schedules but more on the basis of need. This pattern was discussed by 42.79 percent of households for chicken egg products, 36.68 percent for pork, 28.11 percent for chicken meat, and less than 10.00 percent for beef, carabeef, and chevon. More than 50.00 percent of the consuming households in NCR reported that they bought chicken egg, chicken meat, and pork as the need arises.
- ◆ Buying of fish for consumption when needed was reported by 28.70 percent of households for roundscad, 20.76 percent for milkfish, and 19.50 percent for tilapia. Regionwise, this practice was reported by more than 40.00 percent of households that bought roundscad in Eastern Visayas, milkfish in Western Visayas, and tilapia in NCR.
- ◆ About 45.00 percent of the consuming households nationwide reported that they bought instant noodles as needed. In Western Visayas, 60.17 percent of the households reported the same frequency.
- ◆ For pandesal, about 21.70 percent of the households purchased the item as the need arises. This was also mentioned by 43.72 percent of the households in Western Visayas.

## **C. Consumption Patterns and Habits**

### **Type of Food Eaten (All Commodities)** **(Table 9)**

- ◆ About 97.25 percent of the households in the country ate rice (plain). On the other hand, corn grits consumption was reported by 7.54 percent. There were 25.18 percent and 15.48 percent of households that consumed camote and cassava, respectively. Consumption of other rootcrops was noted among 10.00 to 12.00 percent of the households.
- ◆ About 61.50 percent of the households consumed tomato. Eggplant and ampalaya were consumed by 55.69 percent and 43.94 percent, respectively. Households with reported garlic consumption were 76.55 percent while there were 80.06 percent that consumed onion.
- ◆ Banana was consumed by 69.60 percent of the households. In contrast, household that consumed papaya was only 12.25 percent.

- ◆ Among meat products, households indicated bigger preference for pork and chicken which consumption was claimed by 66.76 percent and 59.16 percent of the households, respectively.
- ◆ Among households that consumed fish during the reference period, roundscad was reported by 50.61 percent. Milkfish and tilapia were eaten by 38.06 percent and 38.11 percent of the households, respectively.
- ◆ Consumption of instant noodles was reported by 66.01 percent.
- ◆ About 49.86 percent of the households ate pandesal during the reference period.

**Eating Meals at Home**  
**(Table 10)**

- ◆ The proportion of households with members who ate meals at home were almost the same for breakfast and dinner at about 83.00 percent. Eating lunch at home was reported by 78.65 percent.

**Eating Meals Outside**  
**(Table 11- 12.6)**

- ◆ There were 12.91 percent of households with members who ate their lunch outside their houses. Households with members who ate their breakfast and dinner outside their homes were 4.62 percent and 4.67 percent, respectively.
- ◆ The job or work of the household members was the main reason for eating meals in restaurants, fastfoods, etc. This was reported by 47.61 percent of households whose members had breakfast, by 41.46 percent of those who had lunch and by 42.95 percent of those who had dinner outside their homes. The same reason was observed in 33.00 to 37.00 percent of households whose members ate snacks outside their homes.
- ◆ In Bicol Region, work was the main reason of 57.10 percent for eating breakfast outside. This reason was also mentioned by 53.43 percent of those who had dinner outside. The same reason was reported by 50.22 percent of households in Western Visayas with members having lunch outside. Having snacks outside the house was due to work of household members. This was attested by 54.25 percent of households in Eastern Visayas whose members had morning snacks, 52.81 in CARAGA who had afternoon snack, and 60.09 percent in Davao Region who had evening snack.

- ◆ Some households had limited time or no time at all to prepare their food while others said that it was more convenient and cheaper when they eat outside their homes. About 1.00 percent to 2.00 percent of households in the country cited these reasons. On the other hand, there were households with members who had to eat outside their homes when they attend school or social gatherings as reported by about 0.87 to 10.20 percent of households, nationwide.

### **Take Home and Delivery Meals** **(Table 13)**

- ◆ There were 10.46 percent of households with members who took home food from outside or ordered for delivery during lunch. This was reported in bigger proportions in CALABARZON at 18.61 percent, Caraga at 18.09 percent and NCR at 15.03 percent.
- ◆ In Eastern Visayas, CALABARZON and Central Luzon, 11.00 percent to 13.00 percent of households with members who took home or ordered snacks for delivery.

### **Serving of Meals to Guests** **(Table 14)**

- ◆ About 12.00 percent of households served lunch to guests during the reference week. There were 6.86 percent and 6.40 percent of households that served dinner and breakfast to guests, respectively.
- ◆ In CAR, Bicol Region, SOCCSKSARGEN and Zamboanga Peninsula, serving of breakfast to guests was noted by 12.18 percent, 11.99 percent, 10.79 percent 10.44 percent, respectively.
- ◆ Serving lunch to guests was reported by 20.00 percent to 21.00 percent of households in CAR, Cagayan Valley, and Northern Mindanao.
- ◆ Serving of afternoon snacks to guests was reported by 8.00 to 10.00 percent of households in Bicol Region, ARMM, and SOCCSKSARGEN.

## **D. Per Capita Consumption of Selected Commodities**

### **Cereals** **(Tables 15.1- 15.2)**

- ◆ The national average annual per capita consumption of rice was estimated at 119.08 kilograms per year. This was equivalent to 2.29 kilograms per week per person. The biggest per capita consumption of rice was noted during November at 2.36 kilograms per week while the lowest was registered in August at 2.21



kilograms. Eleven out of 17 regions surpassed the national average annual per capita consumption with estimates ranging from 122.36 kilograms in Cagayan Valley to 144.66 kilograms in ARMM.

- ◆ The national average per capita consumption of corn was computed at 0.14 kilogram per week or 7.07 kilograms on an annual basis. Weekly consumption was highest during the month of August at 0.15 kilogram and lowest in February at 0.12 kilogram. Corn consumption in Davao Region, Zamboanga Peninsula, Northern Mindanao, and Central Visayas were higher than the national average. Their average annual per capita consumption ranged from 19.29 kilograms in Davao Region to 37.08 kilograms in Central Visayas per person per year.

### **Rootcrops**

#### **(Tables 15.3- 15.6)**

- ◆ Camote posted an average per capita consumption of 0.08 kilogram per week or 4.06 kilograms per year. On a quarterly basis, consumption did not vary much. Northern Mindanao ranked first with per capita consumption of 9.00 kilograms per year. NCR had the least average annual per capita consumption of 0.73 kilogram.
- ◆ The average per capita consumption of cassava was 0.06 kilogram per week or 3.12 kilograms per year. Weekly per capita consumption ranged from a low of 0.05 kilogram in February to 0.07 kilogram in May. ARMM registered an annual per capita consumption of 10.40 kilograms which was three times higher than the national average. NCR had lowest annual per capita consumption at 0.26 kilogram.
- ◆ The national average annual per capita consumption of gabi was estimated at 1.04 kilograms. This was equivalent to 0.02 kilogram per week. On a weekly basis, per capita consumption did not vary much during the four (4) survey rounds. At the regional level, Cagayan Valley and Zamboanga Peninsula stood out with the biggest annual per capita consumption at 3.33 kilograms and 2.70 kilograms, respectively. The least per capita consumption was observed in NCR at 0.10 kilogram per year.
- ◆ The national average per capita consumption of white potato was 0.01 kilogram per week or 0.73 kilogram per year. Weekly per capita consumption did not vary much by quarter. Among regions, CAR had the biggest annual average per capita consumption at 4.37 kilograms per year. In contrast, Eastern Visayas and ARMM reported average per capita consumption of only 0.05 kilogram each.

**Vegetables, Legumes and Condiments**  
**(Tables 15.7- 15.19)**

- ◆ Countrywide, cabbage was consumed at an average of 0.03 kilogram per person per week or 1.30 kilograms per person per year. There was not much weekly variation in consumption of cabbage. CAR topped the list in cabbage consumption registering 4.42 kilograms compared to MIMAROPA with only 0.31 kilogram per person per year.
- ◆ The national average per capita consumption of pechay was 0.02 kilogram per week or 0.88 kilogram annually. Average weekly per capita consumption ranged from 0.016 kilogram in May to 0.019 kilogram in November. Among regions, CAR reported the heaviest weekly per capita consumption at 0.06 kilogram, equivalent to 3.17 kilograms per year.
- ◆ The country's average annual per capita consumption of ampalaya was 2.55 kilograms. This was 0.05 kilogram on a weekly basis. Estimated weekly per capita consumption was highest during August at 0.06 kilogram and lowest in February at 0.04 kilogram. Ilocos Region, Cagayan Valley, Central Luzon and SOCCSKSARGEN recorded average per capita consumption of more than 3.00 kilograms each per year.
- ◆ Eggplant was consumed in the Philippines at an average of 0.08 kilogram per person per week or 4.21 kilograms per person per year. Biggest average weekly per capita consumption was noted in August at 0.086 kilogram and the lowest was in February at 0.078 kilogram. By region, Cagayan Valley registered the biggest average consumption of eggplant at 5.93 kilograms per person per year.
- ◆ The national average consumption of chayote was reported at 0.03 kilogram per person per week or 1.51 kilograms per person per year. Weekly per capita consumption ranged from 0.027 kilogram in February to 0.031 in November. CAR registered the biggest average per capita consumption reaching 7.64 kilograms annually which is five times higher than the national average consumption. The least was noted in MIMAROPA at only 0.21 kilogram.
- ◆ Okra consumption in the country was estimated at 1.300 kilograms per capita annually. This was equivalent to 0.03 kilogram per person per week. On a weekly basis, per capita consumption ranged from 0.020 kilogram in February to 0.029 kilogram in November. Among regions, Cagayan Valley, Zamboanga Peninsula and Davao Region registered average per capita consumption of more than 2.00 kilograms per year.
- ◆ The national average annual per capita consumption of squash was 2.44 kilograms. This was 0.05 kilogram per week. On the average, weekly per capita ranged from 0.041 kilogram in February to 0.054 kilogram in August. Central Visayas posted the biggest per capita consumption at 3.95 kilograms a year.

- ◆ Tomato indicated a national average per capita consumption of 0.05 kilogram per week or 2.60 kilograms per year. Average weekly per capita during the four rounds did not vary much. At the regional level, weekly consumption per person ranged from 0.02 kilogram in Central Visayas to 0.09 kilogram in Central Luzon.
- ◆ Stringbeans recorded a national average per capita consumption of 2.29 kilograms annually. On a weekly basis, per capita consumption was 0.04 kilogram. Across the quarters, the biggest per capita consumption was noted in August at 0.054 kilogram per week. It was lowest during February at 0.035 kilogram. Ilocos Region and Cagayan Valley reported the same level of per capita consumption at 4.06 kilograms a year.
- ◆ Average per capita consumption of habichuelas was quite small. At the national level, it averaged 0.01 kilogram a week or 0.26 kilogram a year. More consumption of this commodity was reported in CAR at 2.50 kilograms per person per year. This was followed by Cagayan Valley at 1.20 kilograms per year.
- ◆ The national per capita consumption of mungo was recorded at 0.02 kilogram per week or 0.83 kilogram yearly. On a weekly basis, consumption per person ranged from 0.014 kilogram in February to 0.017 kilogram in August. NCR and MIMAROPA reported the same level of annual per capita consumption at 0.83 kilogram. Higher consumption of mungo was noted in Cagayan Valley at 1.87 kilograms per person per year.
- ◆ At the national level, per capita consumption of onion averaged 1.92 kilograms per year. On a weekly basis, it was 0.04 kilogram. Across regions, Central Luzon registered the biggest weekly per capita consumption reaching 0.05 kilograms in May. This was equivalent to 2.76 kilograms annually. The lowest annual per capita consumption of onion was noted in Central Visayas at 1.20 kilograms.
- ◆ The national average per capita consumption of garlic was 0.03 kilogram per week or 1.30 kilograms. Weekly per capita consumption ranged from 0.013 kilogram (0.68 kilogram per year) in Central Visayas to 0.034 kilogram each (1.77 kilograms per year) in Cagayan Valley and Central Luzon.

### **Fruits**

#### **(Tables 15.20- 15.23)**

- ◆ The country's average per capita consumption of banana was estimated at 0.32 kilogram weekly or 16.69 kilograms a year. Northern Mindanao registered the biggest annual per capita consumption at 28.44 kilograms. This was closely followed by Zamboanga Peninsula at 26.57 kilograms. In contrast, Ilocos Region reported only 10.35 kilograms per person per year. On a weekly basis, the highest per capita consumption was observed in August at 0.37 kilogram and lowest in February at 0.29 kilogram.

- ◆ On the average, the national per capita consumption of mango (ripe) was estimated at 0.06 kilogram per week or 3.17 kilograms per year. Across quarters, the biggest per capita consumption was recorded in May at 0.14 kilogram per week. By region, estimated per capita consumption of mango in Central Luzon was 4.94 kilograms per person per year while in Western Visayas, it was only 1.77 kilograms.
- ◆ At the national level, the average annual per capita consumption of pineapple was estimated at 1.20 kilograms. This was 0.02 kilogram per week. Weekly consumption was found heavier in August at 0.03 kilogram and lower in November at 0.01 kilogram. Northern Mindanao exhibited the biggest annual per capita consumption of pineapple at 2.96 kilograms. The least consumption was observed in Ilocos Region at 0.36 kilogram per person per year.
- ◆ The national average per capita consumption of papaya (ripe) was estimated at 0.04 kilogram per week or 2.08 kilograms per year. Among the four (4) survey rounds, November posted the biggest per capita consumption at 0.045 kilogram weekly. Across regions, SOCCSKSARGEN posted the biggest per capita consumption of papaya at 4.42 kilograms per year while NCR recorded the least at 0.83 kilogram.

**Livestock and Poultry Meat Products**  
**(Tables 15.24- 15.30)**

- ◆ The national average per capita consumption of beef was 0.02 kilogram per week or 1.25 kilograms per year. Consumption per person per week ranged from 0.021 kilogram in February to 0.027 kilogram in August. Ilocos Region recorded the biggest annual per capita consumption of beef at 2.91 kilograms and Eastern Visayas, the least at 0.42 kilogram.
- ◆ Pork consumption in the country was estimated at 9.15 kilograms per person per year. On a weekly basis, it was 0.18 kilogram per person. Heavier consumption was noted in the months of November and May at 0.185 kilogram and 0.184 kilogram per person per week, respectively. The least consumption was noted in February at 0.164 kilogram. In the Luzon regions, annual per capita consumption of pork ranged from 6.60 kilograms in MIMAROPA to 12.32 kilograms in Cagayan Valley. Davao Region posted a big annual consumption of 10.50 kilograms per person.
- ◆ Consumption of carabeef was rather low. On the average, the national per capita consumption was estimated at only 0.21 kilogram per year. Weekly consumption per person ranged from 0.003 kilogram in February to 0.005 kilogram in May. Eastern Visayas posted the biggest yearly consumption of 1.04 kilograms per person. NCR, Central Luzon, Central Visayas, Davao Region and SOCCSKSARGEN recorded the lowest per capita consumption of 0.05 kilogram each per year.

- ◆ Nationwide, the average per capita consumption of chevon was only 0.05 kilogram. Merely 0.001 kilogram was consumed on a weekly basis across the four survey rounds. In August, SOCCSKSARGEN reported bigger per capita consumption at 0.008 kilogram weekly; this was equivalent to 0.42 kilogram per year.
- ◆ The average annual per capita consumption of chicken in the country was estimated at 7.85 kilograms. The averaged weekly per capita consumption was 0.15 kilogram. It was bigger in May and lower in February. NCR and Central Luzon posted the biggest annual per capita consumption at 11.65 kilograms and 11.02 kilograms, respectively. Lowest consumption was recorded in MIMAROPA, Bicol Region, Central Visayas and ARMM.
- ◆ The country's average weekly consumption of chicken egg per person was 0.06 kilogram which was equivalent to 3.17 kilograms per year. Per capita consumption of more than 4.00 kilograms of chicken egg was noted in Central Luzon and CALABARZON.
- ◆ Consumption of fresh/pasteurized milk in the Philippines was low. It was recorded at 0.003 liter per person per week or 0.16 liter per person per year. On a weekly basis, Central Luzon registered heavier per capita consumption in May at 0.02 liter. This was equivalent to 1.04 liters per year. The lowest weekly per capita consumption was noted in Central Visayas, Eastern Visayas and SOCCSKSARGEN where it averaged less than 0.001 liter.

### **Fishery Products**

(Tables 15.31-15.33)

- ◆ The national average per capita consumption of milkfish was 0.08 kilogram per week or 4.21 kilograms per year. More milkfish were eaten during the month of August when average weekly consumption was estimated at 0.09 kilogram per person. The biggest average per capita consumption of milkfish was noted in Central Luzon at 7.07 kilograms per year. It was smallest in Central Visayas at 0.83 kilogram.
- ◆ Around the country, consumption of tilapia was estimated at 0.09 kilogram per person per week or 4.68 kilograms per person per year. Cagayan Valley and Central Luzon households consumed the biggest amount of tilapia at 9.20 kilograms and 9.15 kilograms per year, respectively. Lowest annual per capita consumption at less than 1.00 kilogram was reported by households in Central Visayas, Eastern Visayas, Zamboanga Peninsula, and Caraga.
- ◆ At the national level, roundscad (Galunggong) was consumed at an average of 5.36 kilograms per person per year. This was equivalent to 0.10 kilogram per person per week. Average weekly per capita consumption was highest in May at 0.11 kilogram and lowest in November at 0.09 kilogram. Among regions, average per capita consumption was higher in Eastern Visayas at 8.06 kilograms and lower in CAR at 2.44 kilograms.

## **Noodles**

### **(Tables 15.34- 15.38)**

- ◆ Bihon indicated an average weekly per capita consumption of 0.02 kilogram; this was equivalent to 1.04 kilograms per year. SOCCSKSARGEN and Caraga recorded average per capita consumption of 1.82 kilograms and 1.66 kilograms, respectively while NCR registered only 0.36 kilogram per year.
- ◆ Pasta posted an average per capita consumption of 0.26 kilogram annually. Per week, CALABARZON reported the highest per capita consumption at 0.62 kilogram followed closely in Central Luzon with 0.52 kilogram.
- ◆ The national average consumption of canton was estimated at 0.47 kilogram per person per year. Across regions, ARMM registered the biggest annual per capita consumption at 1.09 kilograms. The lowest annual per capita consumption of canton at 0.26 kilogram each was noted in NCR, MIMAROPA, and Davao Region.
- ◆ On the average, the national per capita consumption of fresh miki was 0.52 kilogram a year. Average weekly consumption was highest in August and May at 0.011 kilogram each per person and lowest during November at 0.008 kilogram. NCR registered the lowest per capita consumption of fresh miki at 0.05 kilogram. In contrast, Cagayan Valley, Zamboanga Peninsula, Northern Mindanao, Davao Region and Caraga reported per capita consumption of more than one kilogram each annually.
- ◆ At the national level, the average consumption of instant noodles was 2.86 kilograms per person per year. This was 0.06 kilogram per person per week. Across regions, Ilocos Region reported the biggest weekly per capita consumption in August at 0.09 kilogram or 4.47 kilograms annually. The lowest annual per capita consumption of instant noodles was noted in Eastern Visayas and Zamboanga Peninsula at 1.82 kilograms each.

## **Pandesal**

### **(Tables 15.39)**

- ◆ The national average per capita consumption of pandesal was estimated at 4.16 kilograms per year. On a weekly basis, per capita consumption ranged from 0.07 kilogram in November to 0.09 kilogram in May. Regionwise, NCR and CALABARZON households recorded high per capita consumption of pandesal at 6.03 kilograms per person per year. Households in MIMAROPA reported the least annual per capita consumption at 1.61 kilograms.

## **E. Rice Substitution**

**(Tables 16- 17)**

- ◆ At the national level, preference for bread as a substitute for rice during breakfast and snack was reported by 9.81 percent and 5.53 percent of the households, respectively. Bicol Region recorded the highest percentage of households that consumed bread instead of rice during breakfast and snack at 35.85 percent and 26.31 percent, respectively. This was followed by households in Central Luzon and Eastern Visayas. In the rest of the regions, less than 10.00 percent of households ate bread for their meals.
- ◆ Almost five (5) percent of households in the country consumed instant noodles in place of rice during breakfast. Across regions, more households in Bicol Region ate instant noodles during breakfast and snack. Less than one percent of households reported eating instant noodles during lunch and dinner throughout the nation.
- ◆ Nationwide, household consumption of banana, as a substitute commodity for rice, ranged from 0.31 percent during dinner to 2.02 percent during breakfast. At the regional level, 7.14 percent of households in MIMAROPA preferred eating banana during breakfast, 6.80 percent in Bicol Region during snack, and 5.27 percent in Zamboanga Peninsula during lunch.
- ◆ Less than one percent of the households in the Philippines reported consuming white potato and gabi in place of rice for all types of meal. White potato as a substitute for rice in any given meal type was reported by less than one percent of households. As a snack item, gabi was consumed by 3.66 percent of households in Eastern Visayas.
- ◆ At the national level, 2.23 percent ate cassava instead of rice during breakfast. In Bicol Region, 13.23 percent of the households ate cassava instead of rice during snack.
- ◆ Around two (2) percent of the households reported eating camote instead of rice during breakfast and snack. About 13.46 percent and 10.33 percent of households in Bicol Region and Eastern Visayas preferred eating camote in place of rice during breakfast, respectively.
- ◆ Corn was consumed in place of rice by 2.11 percent of households during breakfast and almost two (2) percent each during lunch and dinner. Central Visayas had the highest percentage of households that reported consuming corn instead of rice; 13.65 percent for breakfast and 15.27 percent for lunch.
- ◆ As to the main reason why households substituted the food items for rice, 28.62 percent of the households mentioned affordability of substitute. In MIMAROPA, this was cited by 53.83 percent of households. About 22.38 percent of the households nationwide said that they cannot afford to buy rice even if it is available. This reason was cited by 49.00 percent of households in NCR and Davao Region.

- ◆ About 19.62 percent of households reported preference for other food items as the reason for rice substitution. This was reported by 54.77 percent of households in CAR.
- ◆ Unavailability of rice was cited by 3.47 percent of the households nationwide. The same reason was claimed by almost seven (7) percent of households in Central Luzon.
- ◆ For 2.54 percent of the households, it was their distance from the source of rice as the main reason for eating other food in place of rice.
- ◆ Less than one percent of households in the country said that rice was not available and they could not afford to buy it anyway.
- ◆ Other responses included no complementary food/viand and time constraint.

## **F. Rice and Corn Leftovers, Wastage/Spoilage, and Consumption by Animals/Pets** (Tables 18.1- 18.6)

- ◆ On the average, 39.79 grams of rice were wasted per household weekly in the country. This translated to about two (2) kilograms of wasted rice per household annually. At the regional level, average rice wastage ranged from 15.17 grams in NCR to 81.04 grams in Central Visayas.
- ◆ The amount of leftover rice that was fed to animals and pets averaged 310.66 grams per household weekly or about 16 kilograms of rice annually. The highest average quantity of leftover rice that was fed to animals/pets was reported in CAR at 826 grams of rice per household on a weekly basis. In ARMM and NCR, weekly average consumption of rice leftovers by animals and pets were recorded at 56.19 grams and 45.73 grams per household, respectively.
- ◆ Nationwide, the weekly average quantity of rice that was purposely cooked for pets/animals was 42.63 grams per household. This added up to 2,217 grams of rice per household yearly. Across regions, Cagayan Valley registered the highest weekly average of 87.02 grams of cooked rice intended for animal consumption.
- ◆ On the average, corn wastage in the country was 1.35 grams per household per week. Annually, about 70 grams of corn wastage per household were reported nationwide. Zamboanga Peninsula, Northern Mindanao and Davao Region recorded more than 200 grams each of corn wastage per year. Similarly, the quantity of leftover corn that was fed to pets/animals averaged 14.62 grams per household weekly. This was equivalent to about 760 grams per household yearly.



- ◆ An average of six (6) grams of corn was purposely cooked for pets/animals per household on a weekly basis at the national level. Yearly, around 329 grams of corn were cooked purposely for animal consumption. Regionwide, households in Northern Mindanao reported a weekly average of about 58 grams of corn purposely cooked to be fed for their animals/pets.

## **G. Influence of Demographic and Socio-Economic Factors on Consumption**

**(Table 19- 23)**

- ◆ In terms of socio-economic class, households belonging to the affluent group or Class AB tended to consume more of pork as they came up with an average of 18.10 kilograms per person annually. By food group, AB households registered higher per capita consumption of milkfish at 9.57 kilograms, mango at 6.19 kilograms, tomato at 4.68 kilograms, instant noodles at 3.22 kilograms, and fresh/pasteurized milk at 0.52 liter. On the other hand, this group had small per capita consumption of corn, gabi, cassava, stringbeans, camote, and roundscad.
- ◆ The middle class (Class C) were the top consumers of rice, banana, pandesal, eggplant, and chevon with average per capita consumption corresponding to 122.62 kilograms, 19.71 kilograms, 5.25 kilograms, 4.73 kilograms, and 0.10 kilogram per person annually. Class D households reported the biggest consumption of roundscad or galunggong at 5.67 kilograms per person every year.
- ◆ Class E households registered the least consumption levels of most of the commodities. Rice consumption was reported at a low of 111.38 kilograms per person yearly. Banana, pork, chicken, tilapia, mango, tomato, and beef were among the commodities that recorded the least per capita consumption among the Class E households. These households consumed the relatively low-priced commodities such as corn at 13.36 kilograms, camote at 4.84 kilograms, cassava at 4.32 kilograms, and gabi at 1.20 kilograms per person per year.
- ◆ Per capita consumption of cereals was highest among households belonging in the 5<sup>th</sup> income class (i.e., > P1,000,000) for rice and the 1<sup>st</sup> income class (i.e., ≤ P80,000) for corn. In the case of rootcrops, higher per capita consumption was noted among households of the 1<sup>st</sup> income class. Higher per capita consumption of most fruits and vegetables covered in the survey was reported by households in the 4<sup>th</sup> income class (P500,001 to P1,000,000). Consumption of fresh/pasteurized milk, meat and chicken egg was biggest among households of the 5<sup>th</sup> income class. Biggest consumption of milkfish, tilapia, and roundscad was reported by households with an annual income starting with P135,001 to more than P1,000,000. Per capita consumption of most noodles was highest in the 4<sup>th</sup> income class. Bread (pandesal) had the biggest per capita consumption among households of the 3<sup>rd</sup> income class (P135,001 - P500,000).

- ◆ By commodity, households belonging the 1<sup>st</sup> income class ( $\leq$  P80,000) had the highest per capita consumption of corn (13.59 kilograms), camote (5.60 kilograms), cassava (4.81 kilograms), gabi (1.50 kilograms), and okra (1.39 kilograms). These households, however, reported the least consumption of rice, pork, eggplant, tilapia, pandesal, instant noodles, chicken egg, mango, etc. The 2<sup>nd</sup> income class (P80,001 to P135,000) reported the highest consumption for eggplant, stringbeans, mongo, and fresh miki, and the lowest for fresh/pasteurized milk and banana. For households in the 3<sup>rd</sup> income class, consumption of tilapia, pandesal, instant noodles, and chevon was at its highest corresponding to 6.24 kilograms, 4.89 kilograms, 3.09 kilograms, and 0.09 kilogram, respectively. Households of the 4<sup>th</sup> income class were top eaters of banana averaging 19.05 kilograms per person every year. Other commodities with the highest annual per capita consumption as reported by these households include roundscad, tomato, beef, papaya, bihon, white potato, among others. In the case of the 5<sup>th</sup> income class, ten (10) agricultural commodities registered the highest consumption at a high of 122.12 kilograms for rice to a low of 0.55 liter for fresh/pasteurized milk.
- ◆ Based on household size, the highest per capita consumption for rice was noted among households with one to three members at 130.14 kilograms per year. An average of 9.43 kilograms of corn consumed by households with eight (8) to nine (9) members. Households which composed of six (6) to (7) persons reported the highest consumption of habitchuelas at 0.30 kilogram per person yearly. Highest per capita consumption of bihon at 1.10 kilograms was reported by households with four (4) to five (5) members. Among households with 12 or more members consumption of pasta, canton, and fresh miki ranged from 0.18 kilogram to 0.44 kilogram per year.
- ◆ Households with 80 to 100 percent working members reported the biggest per capita consumption for rice at 138.49 kilograms per year. Households with less than or equal to 20 percent working members cited the lowest consumption of rice at 113.23 kilograms. However, these households were the top consumers of corn at 9.42 kilograms per person a year. Corn consumption was lowest at 5.86 kilograms among households with 40-59 percent working members. Per capita consumption of pork and chicken at more than 13.00 kilograms each was reported by households with 80-100 percent working members. These products were least consumed by households with less than or equal to 20 percent working members.
- ◆ According to barangay classification, households in rural barangays had higher annual per capita consumption of rice and corn than in urban areas. These averaged 122.98 kilograms in rural barangays and 11.44 kilograms in urban barangays. Except for white potato, rootcrops were consumed more in rural barangays with consumption per person per year ranging from 1.46 kilograms for gabi to 5.46 kilograms for cassava. Consumption of eggplant in rural

barangays was highest at 4.32 kilograms per year. For tomato and ampalaya, annual per capita consumption in urban areas averaged 2.96 kilograms, and 2.65 kilograms, respectively. Banana had the biggest consumption among rural households at 18.67 kilograms per person yearly. Average consumption of pork and chicken were highest among urban households at 10.66 kilograms and 9.93 kilograms per person every year, respectively. Fish consumption was higher in urban barangays which ranged from 5.51 kilograms for milkfish to 5.93 kilograms for tilapia. As the leading consumption item among noodle products, instant noodles were consumed more in urban barangays with average consumption of 3.12 kilograms per person annually.

# **STATISTICAL TABLES**

Table 1. Average household size and percentage distribution of household members by sex and region, Philippines, 2008

Region	Average Household Size	Sex	
		Male	Female
PHILIPPINES	5.19	49.73	50.27
NCR	5.46	48.78	51.22
CAR	5.62	51.07	48.93
Ilocos Region	5.08	47.98	52.02
Cagayan Valley	5.11	48.66	51.34
Central Luzon	5.07	48.62	51.38
CALABARZON	4.86	48.91	51.09
MIMAROPA	4.93	52.36	47.64
Bicol Region	5.36	51.03	48.97
Western Visayas	5.13	49.95	50.05
Central Visayas	5.07	51.40	48.60
Eastern Visayas	5.27	50.56	49.44
Zamboanga Peninsula	5.39	50.92	49.08
Northern Mindanao	4.80	52.43	47.57
Davao Region	5.28	48.09	51.91
SOCCSKSARGEN	4.96	51.14	48.86
Caraga	5.40	51.41	48.59
ARMM	5.99	49.74	50.26

Table 2. Average age and percentage distribution of household members by age group and region, Philippines, 2008

Region	Average Age (in years)	AGE GROUP ( year )									Age not indicated
		0 - 4	5 - 9	10 - 14	15 - 21	22 - 35	36 - 46	47 - 55	56 - 65	Over 65	
		in percent									
PHILIPPINES	27	8.59	11.08	11.76	15.01	20.58	13.09	8.45	5.12	4.90	1.42
NCR	28	6.23	11.71	10.36	14.51	25.02	14.08	8.34	4.11	3.61	2.03
CAR	26	9.65	10.21	11.23	17.24	20.54	12.31	8.48	5.06	3.86	1.42
Ilocos Region	30	9.47	9.71	11.71	15.40	18.29	12.50	9.77	5.95	6.92	0.29
Cagayan Valley	27	9.54	9.16	12.12	14.52	22.46	11.48	8.64	5.09	5.30	1.70
Central Luzon	29	7.79	9.21	11.00	15.63	22.02	12.99	9.42	5.45	5.64	0.85
CALABARZON	28	9.19	11.08	10.13	13.50	21.77	12.56	9.61	5.44	4.74	1.97
MIMAROPA	26	9.58	12.27	13.86	15.30	16.89	13.39	7.51	4.94	4.38	1.89
Bicol Region	26	8.64	12.50	14.31	16.02	16.29	12.51	6.99	5.32	5.45	1.97
Western Visayas	28	7.73	11.02	11.86	14.23	19.38	13.54	7.37	7.01	6.79	1.07
Central Visayas	29	10.34	11.19	11.70	13.73	17.54	13.81	9.33	4.93	5.71	1.71
Eastern Visayas	26	10.24	11.80	12.94	14.79	18.47	12.07	8.03	4.67	5.61	1.39
Zamboanga Peninsula	26	8.71	12.33	13.15	15.95	18.17	12.72	7.70	5.85	4.12	1.31
Northern Mindanao	27	9.61	10.17	13.34	13.59	20.64	13.83	8.15	5.55	4.62	0.50
Davao Region	26	8.71	10.55	10.34	16.79	21.46	12.77	9.63	4.46	3.85	1.44
SOCCSKSARGEN	26	8.70	10.53	12.20	14.72	20.06	13.16	8.95	4.83	4.71	2.15
Caraga	26	10.90	12.34	11.93	14.83	17.98	13.86	7.50	4.20	5.60	0.87
ARMM	23	8.67	13.73	14.91	18.47	19.59	13.12	5.30	3.76	1.92	0.52

Table 3. Percentage distribution of household members by highest educational attainment and region, Philippines, 2008

Region	Elementary Level	Elementary Graduate	High School Level	High School Graduate	College Level	College Graduate	Post Graduate	Vocational
PHILIPPINES	25.43	11.96	17.35	20.54	10.78	11.73	0.16	2.05
NCR	17.27	9.09	9.53	34.15	13.75	14.14	0.17	1.90
CAR	23.79	7.32	17.38	16.46	17.72	14.77	0.13	2.43
Ilocos Region	19.94	12.61	17.38	27.09	9.54	11.30	0.30	1.85
Cagayan Valley	27.78	14.42	18.23	15.17	10.52	11.83	-	2.06
Central Luzon	17.06	13.52	15.34	27.83	10.32	12.46	0.19	3.28
CALABARZON	24.38	10.04	16.42	19.45	12.60	13.80	0.02	3.29
MIMAROPA	30.42	17.00	20.23	16.82	7.46	5.27	0.05	2.75
Bicol Region	26.17	16.98	20.12	18.02	7.47	9.56	0.02	1.67
Western Visayas	26.05	12.10	18.19	18.27	9.44	11.36	0.11	4.47
Central Visayas	34.93	17.68	19.16	15.02	6.92	5.77	0.14	0.38
Eastern Visayas	37.40	9.37	20.25	8.76	9.63	14.26	0.05	0.28
Zamboanga Peninsula	36.18	10.83	21.42	12.67	11.21	7.12	-	0.58
Northern Mindanao	26.96	15.68	20.47	13.97	10.89	10.79	0.08	1.17
Davao Region	23.41	11.69	19.40	16.50	10.05	16.87	0.93	1.13
SOCCSKSARGEN	28.45	11.90	21.23	19.54	10.00	7.97	0.09	0.82
Caraga	32.66	9.99	20.45	13.45	12.04	10.36	0.26	0.80
ARMM	39.07	6.23	24.53	8.39	11.36	10.16	0.13	0.14

Table 4. Percentage distribution of household members 15 years old and over by main occupation and region, Philippines, 2008

Region	Officials of the Government and Special Interest Organizations, Corporate Executives, Managers Managing Proprietors and Supervisors	Professionals	Technicians and Associate Professionals	Clerks	Service Workers and Shop and Market Sales Workers	Farmers, Forestry Workers and Fishermen		Craft and Related Trades Workers	Plant and Machine Operators and Assemblers	Elementary Occupation: Laborers and Unskilled Workers
						Farmers	Fishermen			
PHILIPPINES	3.26	6.94	2.67	3.49	13.51	18.90	3.99	9.64	9.79	27.80
NCR	2.13	7.06	2.38	11.12	25.24	0.94	4.97	15.49	8.41	22.26
CAR	7.12	8.10	2.97	1.64	7.30	38.76	0.05	5.04	6.61	22.40
Ilocos Region	3.29	5.25	2.31	1.98	13.81	23.81	6.00	8.92	10.92	23.72
Cagayan Valley	2.04	2.72	1.74	1.00	6.68	31.31	1.70	5.23	3.17	44.41
Central Luzon	2.30	8.83	2.54	1.83	21.05	13.82	1.39	7.61	15.58	25.06
CALABARZON	3.84	7.85	6.90	4.17	13.17	11.23	1.57	10.19	17.14	23.93
MIMAROPA	3.76	4.18	0.93	1.55	6.64	28.26	8.61	8.40	6.46	31.21
Bicol Region	2.31	6.24	1.90	2.04	13.17	22.84	5.26	13.89	9.58	22.78
Western Visayas	2.57	6.80	1.34	2.62	6.32	19.03	2.70	8.30	12.39	37.92
Central Visayas	1.94	2.93	1.92	1.76	8.43	20.97	9.78	16.14	8.02	28.11
Eastern Visayas	5.95	9.26	4.69	3.92	8.53	26.17	5.78	7.61	4.17	23.93
Zamboanga Peninsula	4.42	5.27	3.16	1.21	8.56	27.96	3.66	9.25	4.52	31.99
Northern Mindanao	2.52	4.06	2.18	3.21	11.47	28.26	3.62	5.57	8.13	30.97
Davao Region	3.07	15.96	2.09	1.99	10.93	19.24	3.91	6.57	7.35	28.88
SOCCSKSARGEN	1.85	5.65	1.24	1.25	9.39	30.89	1.70	5.95	3.29	38.79
Caraga	7.40	6.10	0.97	1.22	16.71	29.58	6.09	7.71	7.85	16.37
ARMM	6.64	5.03	0.33	0.32	5.63	32.16	5.88	5.72	4.34	33.96



Table 5. Percentage distribution of households by socio-economic class and region, Philippines, 2008

Region	Class AB	Class C	Class D	Class E
PHILIPPINES	3.43	19.97	51.33	25.27
NCR	4.70	23.51	45.08	26.72
CAR	5.40	29.09	52.59	12.93
Ilocos Region	3.99	26.83	50.06	19.12
Cagayan Valley	1.69	20.46	54.05	23.81
Central Luzon	6.33	25.79	48.08	19.81
CALABARZON	4.83	20.78	60.24	14.14
MIMAROPA	0.82	17.95	52.54	28.68
Bicol Region	2.00	23.05	45.20	29.76
Western Visayas	2.16	17.50	58.64	21.70
Central Visayas	0.55	13.56	45.57	40.32
Eastern Visayas	3.90	18.09	46.76	31.25
Zamboanga Peninsula	0.83	13.41	52.93	32.83
Northern Mindanao	0.89	20.03	52.06	27.01
Davao Region	5.93	14.99	52.87	26.21
SOCCSKSARGEN	0.98	15.30	63.04	20.69
Caraga	1.79	11.82	59.81	26.58
ARMM	1.57	10.48	40.63	47.32

Table 6. Percentage distribution of households by annual income class and region, Philippines, 2008

Region	≤ P80,000	P80,001 to P135,000	P135,001 to P500,000	P500,001 to P1,000,000	> P 1,000,000
PHILIPPINES	44.87	22.29	29.97	2.36	0.50
NCR	19.15	28.45	49.21	3.13	0.06
CAR	44.00	17.73	35.07	3.14	0.05
Ilocos Region	43.20	21.59	32.62	2.44	0.15
Cagayan Valley	42.57	25.60	30.43	1.04	0.36
Central Luzon	32.06	21.22	40.92	3.82	1.99
CALABARZON	31.80	26.85	36.67	4.03	0.65
MIMAROPA	62.55	18.67	18.29	0.48	
Bicol Region	60.94	20.82	16.65	1.49	0.11
Western Visayas	51.84	26.27	20.18	1.55	0.16
Central Visayas	62.75	19.32	17.38	0.55	
Eastern Visayas	59.27	16.44	21.64	0.68	1.97
Zamboanga Peninsula	65.03	12.83	21.31	0.83	
Northern Mindanao	58.72	20.41	19.98	0.70	0.19
Davao Region	50.98	15.43	27.66	5.93	
SOCCSKSARGEN	53.88	22.04	23.62	0.47	
Caraga	64.49	15.93	18.09	0.34	1.15
ARMM	63.55	19.24	15.64	1.40	0.17

Table 7. Percentage of households by source of food eaten and commodity, Philippines, 2008-2009

Commodity	Bought	Own Produced	Given
Rice (Plain)	82.86	11.09	1.58
Corn in cob	6.23	1.17	0.94
Corn grits	4.09	1.22	0.17
Shelled corn	1.10	0.09	0.03
Camote	14.16	5.51	2.72
Cassava	6.34	5.51	1.91
Gabi	5.59	3.74	0.85
White Potato	10.17	0.08	0.16
Cabbage	17.64	0.21	0.28
Pechay	16.78	1.14	0.45
Ampalaya	32.80	3.89	1.53
Eggplant	43.33	7.08	2.36
Chayote	14.87	1.70	0.52
Okra	19.33	5.58	1.77
Squash	26.39	3.63	2.15
Tomato	57.14	1.80	1.07
Stringbeans	32.00	6.67	1.85
Habitchuelas	4.36	0.24	0.11
Mongo	21.24	0.86	0.44
Onion	75.37	0.75	1.04
Garlic	73.22	0.35	0.69
Banana	46.95	12.19	4.58
Mango	15.85	1.78	1.88
Pineapple	4.53	1.21	0.88
Papaya ripe	3.45	5.48	1.83
Beef	11.12	0.03	0.25
Pork	62.18	0.42	1.22
Carabeef	1.63	0.01	0.10
Chevon	0.21	0.07	0.06
Chicken	47.95	6.84	0.84
Chicken Egg	69.44	4.77	0.35
Fresh/pasteurized milk		0.01	0.04
Milkfish	35.11	0.29	0.87
Tilapia	34.51	1.40	0.99
Roundscad	44.53	0.94	0.61
Bihon	14.32	0.08	0.54
Pasta	2.47	0.02	0.21
Canton	9.41	0.02	0.06
Fresh miki	5.16	0.02	0.10
Instant noodles	64.79	0.07	0.28
Pandesal	48.24	0.14	0.15

Table 8.1 Percentage of households by buying frequency of rice (plain) and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	11.66	34.30	6.29	6.38	24.27
NCR	12.43	34.09	12.18	3.75	36.86
CAR	1.22	16.33	3.54	18.69	21.43
Ilocos Region	8.29	32.48	8.81	10.56	22.02
Cagayan Valley	6.66	22.80	8.72	8.03	23.68
Central Luzon	11.12	28.69	6.48	9.40	27.19
CALABARZON	17.93	41.15	5.06	6.61	21.31
MIMAROPA	7.52	20.62	2.40	3.77	33.93
Bicol Region	21.42	36.18	3.25	3.90	15.26
Western Visayas	13.94	30.87	5.90	5.61	21.22
Central Visayas	2.63	39.97	2.80	2.91	23.85
Eastern Visayas	13.57	21.57	2.15	4.41	35.38
Zamboanga Peninsula	12.85	36.62	3.88	8.05	12.99
Northern Mindanao	5.82	41.48	4.18	6.22	18.57
Davao Region	8.68	58.24	4.00	2.51	14.23
SOCCSKSARGEN	4.03	27.78	9.13	3.69	28.25
Caraga	14.20	38.32	3.47	3.22	22.34
ARMM	12.90	30.62	12.00	12.90	24.47

Table 8.2 Percentage of households by buying frequency of corn in cob and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.21	0.80	0.37	0.04	4.83
NCR		0.53	1.69		3.37
CAR	0.17	1.05	0.13	0.18	8.73
Ilocos Region	0.23	1.71	0.13		7.66
Cagayan Valley	1.96	4.45	1.07	0.12	10.42
Central Luzon	0.24	1.52	0.64	0.12	6.78
CALABARZON	0.50	0.66	0.09	0.02	9.55
MIMAROPA		0.03			4.61
Bicol Region	0.21	0.56	0.07	0.03	3.64
Western Visayas	0.01	0.33	0.07	0.03	6.18
Central Visayas	0.09	0.24			1.14
Eastern Visayas			0.01		0.91
Zamboanga Peninsula	0.04	0.36			2.46
Northern Mindanao	0.04	0.76	0.21	0.05	2.24
Davao Region	0.05	0.63	0.01		1.05
SOCCSKSARGEN		0.16	0.10		1.12
Caraga	0.01	0.34	0.03		0.60
ARMM	a/	0.37	0.37	0.14	2.89

a/ Less than 0.01

Table 8.3 Percentage of households by buying frequency of corn grits and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.36	1.94	0.14	0.05	1.59
NCR		0.10			0.37
CAR		0.13	0.16		0.86
Ilocos Region					0.07
Cagayan Valley		0.77	0.11	0.00	0.31
Central Luzon	0.04	0.05	0.08	0.04	0.06
CALABARZON		0.21		0.04	0.42
MIMAROPA		0.02			0.45
Bicol Region	0.14	0.27	0.14	0.06	0.32
Western Visayas	0.10	1.04			0.43
Central Visayas	2.00	12.55	0.30	0.08	9.95
Eastern Visayas	0.20	0.29			2.52
Zamboanga Peninsula	1.88	8.71	1.12	0.46	4.64
Northern Mindanao	0.91	6.83	0.37	0.23	4.73
Davao Region	1.73	4.73	0.29	0.09	3.43
SOCCSKSARGEN	0.16	1.86	0.64	0.05	2.53
Caraga	0.14	1.52	0.16	0.02	0.35
ARMM		0.26	0.09	0.09	0.07

Table 8.4 Percentage of households by buying frequency of shelled corn and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.16	0.20	0.05	0.01	0.67
NCR		0.01			0.04
CAR		0.28			0.14
Ilocos Region		0.17	0.04		1.88
Cagayan Valley	2.13	1.32	0.14	0.09	4.78
Central Luzon	0.19	0.49			1.45
CALABARZON	0.05	0.04	0.32	0.05	0.33
MIMAROPA	0.02				0.11
Bicol Region	0.15	0.37			1.04
Western Visayas	0.10	0.06			0.38
Central Visayas		0.20			0.35
Eastern Visayas					
Zamboanga Peninsula		0.02			0.04
Northern Mindanao			0.05		0.05
Davao Region					
SOCCSKSARGEN		0.05			0.07
Caraga					0.27
ARMM					

Table 8.5 Percentage of households by buying frequency of camote and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.16	2.89	0.80	0.23	10.08
NCR	0.25	1.32	0.50		4.19
CAR		2.20	0.32	0.10	5.71
Ilocos Region		1.16	0.10	0.25	8.40
Cagayan Valley	0.02	3.51	0.47	0.16	5.54
Central Luzon	0.29	4.01	2.63	0.35	9.76
CALABARZON	0.01	1.66	0.37	0.30	6.85
MIMAROPA	0.02	0.98	0.05		15.75
Bicol Region	0.49	7.49	0.58	0.11	20.07
Western Visayas	0.01	1.55	0.34	0.12	12.96
Central Visayas	0.09	1.76	0.01		13.76
Eastern Visayas	0.04	5.19	0.03	0.27	11.84
Zamboanga Peninsula	0.25	4.79	0.59	0.18	13.89
Northern Mindanao	0.26	4.97	0.63	0.24	14.99
Davao Region	0.26	3.10	1.63	0.14	7.98
SOCCSKSARGEN	0.15	4.08	2.09	0.52	7.25
Caraga	0.10	2.58	0.35	0.07	10.27
ARMM	0.16	1.96	1.68	1.16	13.92

Table 8.6 Percentage of households by buying frequency of cassava and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.32	1.06	0.35	0.13	4.51
NCR		0.39	0.50	0.01	1.35
CAR		0.30	0.02		0.97
Ilocos Region	0.02	0.99	0.42	0.08	7.75
Cagayan Valley	0.27	1.14	0.34		1.95
Central Luzon	0.12	0.94	0.74	0.10	3.35
CALABARZON	0.22	0.72	0.29	0.22	4.49
MIMAROPA	0.07	0.20	0.10	0.04	5.70
Bicol Region	0.21	3.27	0.24	0.16	10.97
Western Visayas	0.06	0.56	0.18	0.02	3.72
Central Visayas		0.25		0.06	4.17
Eastern Visayas		1.38	0.16	0.01	6.21
Zamboanga Peninsula	0.15	2.37	0.27	0.12	5.80
Northern Mindanao	0.01	0.35	0.20	0.13	2.92
Davao Region		0.80	0.02	0.11	1.67
SOCCSKSARGEN	0.03	0.54	0.23	0.25	2.31
Caraga	0.03	1.22	0.22	0.04	3.76
ARMM	5.17	4.32	1.32	0.89	13.78

Table 8.7 Percentage of households by buying frequency of gabi and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.06	1.35	0.23	0.32	3.39
NCR	0.07	0.41	0.05	0.01	1.83
CAR		0.66	0.23		2.19
Ilocos Region		1.03	0.13	0.29	2.77
Cagayan Valley	0.06	2.48	0.15	0.18	3.39
Central Luzon	0.15	5.75	1.54	2.41	9.30
CALABARZON	0.11	0.22	a/		3.21
MIMAROPA	0.07	0.14			2.26
Bicol Region		0.68		0.02	2.92
Western Visayas		0.38	0.05		1.26
Central Visayas	0.02	1.23		0.06	4.29
Eastern Visayas		0.40	0.02		1.58
Zamboanga Peninsula		1.54	0.06	0.06	5.47
Northern Mindanao	0.05	1.29	0.12	0.02	2.79
Davao Region	0.08	0.62		0.05	2.74
SOCCSKSARGEN		0.76	0.06		1.59
Caraga	0.02	0.68	0.12		1.47
ARMM	0.07	0.52	0.07	0.02	1.31

a/ Less than 0.01

Table 8.8 Percentage of households by buying frequency of white potato and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.10	2.04	0.51	0.20	7.34
NCR	0.22	1.92	1.46	0.03	13.95
CAR	0.51	9.38	0.50	0.20	12.98
Ilocos Region		1.44	0.32	0.89	7.52
Cagayan Valley	0.05	6.44	1.09	0.08	7.05
Central Luzon	0.17	7.05	1.51	1.05	11.16
CALABARZON	0.12	1.85	0.34	0.10	15.60
MIMAROPA	0.04	0.18	0.04	0.03	3.52
Bicol Region		1.09			3.32
Western Visayas		0.26	0.15	0.02	1.56
Central Visayas		0.32			3.76
Eastern Visayas		0.30	a/		0.88
Zamboanga Peninsula		0.51	0.08		1.32
Northern Mindanao	0.46	0.44	0.10		9.19
Davao Region	0.02	0.20			0.91
SOCCSKSARGEN		0.15	0.50	0.02	1.45
Caraga		0.71			1.23
ARMM		0.14			0.30

a/ Less than 0.01

Table 8.9 Percentage of households by buying frequency of cabbage and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.11	4.01	0.98	0.21	12.34
NCR	0.08	5.11	2.06		23.81
CAR	0.07	10.46	0.93	0.48	17.80
Ilocos Region	0.06	3.34	0.68	0.03	10.64
Cagayan Valley	0.45	8.48	2.35	0.37	15.10
Central Luzon	0.11	5.94	1.35	0.47	15.76
CALABARZON	0.11	6.76	2.15	0.82	11.59
MIMAROPA		0.06			5.09
Bicol Region	0.07	2.74	0.21	0.04	8.95
Western Visayas		1.41	0.35	0.08	9.64
Central Visayas		1.49	0.12		9.89
Eastern Visayas	0.01	0.66	0.01		7.54
Zamboanga Peninsula	0.10	1.92	0.12		10.87
Northern Mindanao	0.12	3.88	0.26	0.03	8.89
Davao Region	0.05	4.38	1.09	0.01	7.00
SOCCSKSARGEN		2.23	0.52	0.10	8.73
Caraga	0.01	3.06	0.11	a/	9.53
ARMM	0.53	1.74	0.23	0.21	6.58

a/ Less than 0.01

Table 8.10 Percentage of households by buying frequency of pechay and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.34	4.06	0.59	0.14	11.64
NCR	0.40	3.42	0.36		17.80
CAR	0.17	9.52	1.09	0.10	18.97
Ilocos Region	0.01	1.78	0.05	0.05	6.58
Cagayan Valley	0.93	8.98	1.01	0.36	13.62
Central Luzon	0.13	4.36	1.02	0.26	14.21
CALABARZON	0.02	5.54	1.39	0.33	11.78
MIMAROPA		0.02			6.21
Bicol Region	0.39	4.92	0.21	0.05	13.35
Western Visayas		2.13	0.42	0.06	8.94
Central Visayas		0.99	0.09		6.13
Eastern Visayas	0.01	2.06	0.02	0.04	13.42
Zamboanga Peninsula	0.50	8.21	0.98		9.06
Northern Mindanao	0.10	2.36	0.09	0.18	7.65
Davao Region	0.15	8.51	0.80	0.05	7.42
SOCCSKSARGEN		4.34	0.61	0.33	11.42
Caraga	0.11	2.68	0.06	0.07	12.24
ARMM	3.99	2.45	0.78	0.27	10.58



Table 8.11 Percentage of households by buying frequency of ampalaya and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.31	8.87	1.90	0.28	21.50
NCR	0.95	7.19	4.25		34.79
CAR	0.15	7.83	1.12	0.48	16.65
Ilocos Region	0.08	10.59	1.38	1.81	25.33
Cagayan Valley	0.73	19.02	3.57	0.34	23.26
Central Luzon	0.16	14.10	3.21	0.24	25.56
CALABARZON	0.13	9.77	3.29	0.46	19.97
MIMAROPA		1.18	0.19	0.04	20.98
Bicol Region	0.46	7.16	0.34	0.07	16.77
Western Visayas	0.02	4.34	0.91	0.29	20.31
Central Visayas		3.34	0.17	a/	14.90
Eastern Visayas	0.20	4.46	0.24	0.03	17.16
Zamboanga Peninsula	0.31	6.45	0.56	0.07	13.78
Northern Mindanao	0.28	8.65	0.42	0.14	20.06
Davao Region	0.35	17.13	1.79	0.04	12.61
SOCCSKSARGEN	0.21	13.38	1.29	0.14	21.63
Caraga	0.03	6.27	0.21		22.08
ARMM	0.40	3.08	1.02	0.73	12.15

a/ Less than 0.01

Table 8.12 Percentage of households by buying frequency of eggplant and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.39	12.01	2.12	0.30	28.52
NCR	0.69	8.47	4.66		50.95
CAR	0.12	11.98	1.30	0.77	21.75
Ilocos Region	0.04	11.79	1.27	1.76	30.03
Cagayan Valley	0.86	22.21	3.87	0.10	26.80
Central Luzon	0.28	22.13	1.97	0.18	28.05
CALABARZON	0.50	15.93	4.44	0.77	25.93
MIMAROPA	0.19	1.39	0.44	0.04	33.82
Bicol Region	0.73	7.49	0.99	0.11	20.80
Western Visayas	0.11	3.73	0.80	0.21	28.22
Central Visayas	0.11	3.84	0.19	0.01	24.95
Eastern Visayas		3.54	0.13	0.06	16.28
Zamboanga Peninsula	0.05	9.22	0.97	0.02	21.91
Northern Mindanao	0.10	9.18	0.62	0.13	22.25
Davao Region	0.72	28.96	3.13		21.48
SOCCSKSARGEN	0.22	15.89	1.81	0.14	30.56
Caraga	0.05	9.09	0.60	0.03	29.75
ARMM	0.96	5.15	1.05	0.50	14.99

Table 8.13 Percentage of households by buying frequency of chayote and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.16	2.93	0.79	0.11	10.86
NCR	0.40	4.53	2.31		33.67
CAR	0.04	5.58	0.66	0.01	9.56
Ilocos Region		1.82	0.34		6.86
Cagayan Valley	0.12	4.07	1.50	a/	11.44
Central Luzon	0.10	2.74	0.74	0.27	10.73
CALABARZON	0.05	4.15	1.77	0.40	8.88
MIMAROPA		0.12			3.49
Bicol Region	0.02	1.17	0.17	0.04	3.51
Western Visayas		0.59	0.12	0.03	3.59
Central Visayas	0.10	1.62	0.15		7.42
Eastern Visayas	0.01	0.68	0.17		6.68
Zamboanga Peninsula	0.03	4.27	0.14	0.01	11.32
Northern Mindanao	0.01	5.20	0.14	0.05	9.70
Davao Region	0.54	5.58	0.80		6.35
SOCCSKSARGEN		2.24	0.39	0.30	4.29
Caraga	0.02	4.40	0.19		9.78
ARMM	0.93	0.58	0.04	0.24	5.84

a/ Less than 0.01

Table 8.14 Percentage of households by buying frequency of okra and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.18	5.08	0.82	0.71	12.52
NCR	0.30	3.87	2.32		19.94
CAR		5.30	0.54	0.06	9.21
Ilocos Region	0.01	6.94	0.35	1.22	15.39
Cagayan Valley	0.41	10.82	1.69	0.10	15.01
Central Luzon	0.05	6.58	0.53	0.07	13.02
CALABARZON	0.27	5.87	1.61	0.42	14.54
MIMAROPA	0.10	0.55	0.10	0.03	9.58
Bicol Region	0.23	1.93	0.06	1.64	4.63
Western Visayas	0.01	1.02	0.32	4.88	13.02
Central Visayas	a/	1.60		0.48	9.33
Eastern Visayas		0.67		0.75	3.39
Zamboanga Peninsula	0.10	7.30	0.12		13.92
Northern Mindanao	0.06	4.13	0.21	0.13	10.93
Davao Region	0.79	19.17	1.06	0.02	11.55
SOCCSKSARGEN	0.10	5.33	1.62	0.09	15.95
Caraga	0.11	4.04	0.18		13.04
ARMM	0.27	0.53	0.27	0.02	3.49

a/ Less than 0.01

Table 8.15 Percentage of households by buying frequency of squash and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.18	5.99	0.97	0.17	19.07
NCR	0.28	5.11	2.52		30.03
CAR	0.01	6.68	0.78	0.27	12.80
Ilocos Region	0.08	5.39	0.29	0.28	21.74
Cagayan Valley	0.20	8.95	1.93	0.31	17.31
Central Luzon	0.04	4.34	0.61	0.16	10.80
CALABARZON	0.10	4.97	1.11	0.45	15.24
MIMAROPA	0.06	0.76	0.14	0.02	16.18
Bicol Region	0.12	3.22	0.36	0.12	12.42
Western Visayas	0.01	4.15	0.97	0.20	27.68
Central Visayas	0.39	5.28	0.08		26.76
Eastern Visayas	0.19	5.12	0.20		16.14
Zamboanga Peninsula	0.07	7.88	0.74	0.07	16.83
Northern Mindanao	0.11	7.76	0.34	0.08	18.46
Davao Region	0.56	23.26	2.12	0.07	15.77
SOCCSKSARGEN	0.05	9.04	1.04	0.06	20.54
Caraga	0.08	5.57	0.48	a/	20.79
ARMM	0.65	1.83	0.69	0.40	11.60

a/ Less than 0.01

Table 8.16 Percentage of households by buying frequency of tomato and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	2.05	20.91	1.56	0.33	32.30
NCR	1.56	13.44	2.63	0.03	48.10
CAR	0.24	18.53	1.36	0.80	20.08
Ilocos Region	0.43	13.00	2.36	1.92	30.43
Cagayan Valley	1.62	20.96	3.06	0.25	27.59
Central Luzon	0.71	32.81	2.23	0.47	39.24
CALABARZON	6.31	27.54	1.69	0.38	27.02
MIMAROPA	0.15	3.08	0.17	0.14	24.77
Bicol Region	1.69	24.41	0.48	0.49	18.98
Western Visayas	0.87	18.25	1.20	0.03	39.73
Central Visayas	0.23	6.13	0.31		22.62
Eastern Visayas	0.34	12.07	0.06	0.15	34.76
Zamboanga Peninsula	4.79	22.27	0.33	0.08	21.70
Northern Mindanao	0.33	13.61	0.22	0.03	33.57
Davao Region	3.29	41.98	1.34		18.33
SOCCSKSARGEN	1.52	33.90	2.10	0.66	42.23
Caraga	1.25	17.39	0.27		35.66
ARMM	4.55	15.31	3.63	0.63	27.24

Table 8.17 Percentage of households by buying frequency of stringbeans and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.33	6.71	1.43	0.30	23.27
NCR	0.43	6.76	2.36		36.96
CAR	0.01	8.79	1.28	0.15	18.04
Ilocos Region	0.15	8.39	1.40	1.85	31.34
Cagayan Valley	1.25	14.59	2.41	0.74	24.97
Central Luzon	0.19	8.62	2.34	0.14	19.48
CALABARZON	0.29	7.20	2.94	0.76	22.44
MIMAROPA	0.16	1.21	0.36	0.03	31.25
Bicol Region	0.58	6.31	0.60	0.05	20.43
Western Visayas	0.01	2.40	0.70	0.09	23.42
Central Visayas	0.36	2.59	0.09	0.02	16.96
Eastern Visayas	0.19	2.64	0.09	0.06	14.36
Zamboanga Peninsula	0.68	8.31	0.39	0.05	18.57
Northern Mindanao	0.18	7.01	0.37	0.16	18.09
Davao Region	0.50	12.40	1.19	0.11	18.94
SOCCSKSARGEN	0.12	9.87	1.10	0.34	26.03
Caraga	0.10	4.65	0.47	0.04	22.70
ARMM	0.42	2.81	0.52	0.31	14.00

Table 8.18 Percentage of households by buying frequency of habitchuelas and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.02	0.94	0.10	0.07	3.11
NCR	0.07	1.34	0.03	a/	9.30
CAR	0.03	5.72	0.38	0.17	9.67
Ilocos Region		0.92		0.03	2.31
Cagayan Valley	0.07	5.93	0.57	0.30	9.60
Central Luzon		1.02	0.19	0.20	2.13
CALABARZON	0.02	0.90	0.23	0.18	4.01
MIMAROPA		0.04		0.03	1.55
Bicol Region		0.12			0.37
Western Visayas	0.01	0.20			0.79
Central Visayas		0.20			0.68
Eastern Visayas	0.17	0.47			2.17
Zamboanga Peninsula		0.07			2.04
Northern Mindanao		1.76	0.05		2.74
Davao Region		0.23	0.07		0.47
SOCCSKSARGEN				0.02	0.11
Caraga		0.24	a/		0.25
ARMM		0.12	0.02		0.45

a/ Less than 0.01

Table 8.19 Percentage of households by buying frequency of mongo and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.17	4.18	1.31	0.51	15.08
NCR	0.06	4.50	4.57	0.14	16.89
CAR	0.16	6.23	1.04	0.59	16.11
Ilocos Region	0.14	6.59	0.75	3.25	28.19
Cagayan Valley	0.47	11.08	3.87	1.01	25.54
Central Luzon	0.26	6.56	1.52	0.58	11.23
CALABARZON	0.16	2.81	1.09	0.85	11.99
MIMAROPA	0.21	1.03	0.35	0.21	19.75
Bicol Region	0.06	2.40	0.17	0.11	8.64
Western Visayas	0.02	1.67	0.55	0.21	19.20
Central Visayas	0.32	2.55	0.03	0.04	24.54
Eastern Visayas		0.07	0.03	0.01	4.48
Zamboanga Peninsula	0.05	2.26	0.38	0.12	11.67
Northern Mindanao	0.12	4.48	0.42	0.28	13.86
Davao Region	0.02	6.01	1.09	0.35	10.82
SOCCSKSARGEN	0.18	10.00	1.92	0.26	18.53
Caraga	0.08	3.52	0.21	0.12	9.21
ARMM	0.61	0.67	0.24	0.20	5.12

Table 8.20 Percentage of households by buying frequency of onion and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	2.88	28.04	2.86	0.78	41.02
NCR	1.29	20.93	6.60	0.19	44.81
CAR	1.07	26.84	2.39	2.05	26.15
Ilocos Region	0.41	17.63	3.20	2.76	35.19
Cagayan Valley	3.61	39.23	7.32	2.15	31.98
Central Luzon	0.70	31.91	1.97	0.59	42.20
CALABARZON	9.77	34.72	2.78	0.78	36.89
MIMAROPA	1.04	10.67	1.20	0.41	63.28
Bicol Region	4.54	42.29	3.39	0.87	34.14
Western Visayas	1.07	22.16	1.76	0.17	46.12
Central Visayas	0.78	16.12	0.39	a/	44.83
Eastern Visayas	0.50	15.00	0.23	0.16	47.68
Zamboanga Peninsula	6.47	34.85	0.54	0.22	37.67
Northern Mindanao	0.72	24.42	0.99	0.50	48.08
Davao Region	2.49	53.51	2.57	0.24	26.90
SOCCSKSARGEN	1.73	36.13	3.38	1.01	47.85
Caraga	1.40	21.51	0.52	0.17	48.65
ARMM	5.18	17.66	4.93	2.84	35.70

a/ Less than 0.01

Table 8.21 Percentage of households by buying frequency of garlic and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	2.47	27.18	2.81	0.88	39.80
NCR	1.46	19.73	5.97	0.22	41.31
CAR	0.88	25.87	2.41	1.62	32.00
Ilocos Region	0.48	17.93	2.36	2.90	36.38
Cagayan Valley	2.10	36.34	7.10	2.59	31.33
Central Luzon	0.54	32.10	1.88	0.77	42.09
CALABARZON	7.97	33.59	2.82	0.86	36.40
MIMAROPA	0.54	9.94	1.09	0.36	62.89
Bicol Region	3.09	41.32	3.92	1.12	35.60
Western Visayas	0.55	21.70	1.90	0.51	46.13
Central Visayas	1.10	14.89	0.16	a/	43.75
Eastern Visayas	0.54	13.86	0.35	0.33	47.15
Zamboanga Peninsula	5.10	35.85	0.58	0.24	35.94
Northern Mindanao	0.90	25.53	1.25	0.14	43.71
Davao Region	2.91	51.92	2.70	0.26	29.73
SOCCSKSARGEN	1.15	35.06	3.29	0.91	43.92
Caraga	1.57	21.15	0.48	0.14	46.92
ARMM	5.79	14.15	5.79	3.19	24.97

a/ Less than 0.01

Table 8.22 Percentage of households by buying frequency of banana and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	2.68	13.63	1.50	0.22	29.07
NCR	7.10	22.25	0.64	0.11	45.03
CAR	0.55	15.44	1.61	0.51	17.35
Ilocos Region	0.41	12.72	1.81	0.12	29.46
Cagayan Valley	8.91	16.67	1.79	0.20	25.31
Central Luzon	2.00	20.84	2.21	0.15	32.79
CALABARZON	2.45	14.47	4.00	0.48	20.32
MIMAROPA	0.68	1.90	0.35	0.07	27.44
Bicol Region	3.12	12.51	0.89	0.11	27.27
Western Visayas	1.12	8.20	0.96	0.11	38.56
Central Visayas	1.74	5.14	0.16	a/	31.56
Eastern Visayas	1.99	4.94	0.59	0.11	19.54
Zamboanga Peninsula	0.41	11.23	0.76	0.13	23.75
Northern Mindanao	2.05	7.77	0.33	0.15	30.75
Davao Region	1.36	25.21	1.35	0.07	17.11
SOCCSKSARGEN	0.65	10.33	2.32	0.48	24.02
Caraga	1.21	8.57	0.37	0.11	28.54
ARMM	2.09	5.55	1.45	1.04	20.62

a/ Less than 0.01

Table 8.23 Percentage of households by buying frequency of mango and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.24	3.97	0.52	0.23	10.89
NCR	0.24	8.58	1.34	0.01	14.86
CAR	0.25	3.05	0.31		9.27
Ilocos Region	0.06	2.93	0.21	1.01	9.76
Cagayan Valley	0.04	5.65	0.72		11.22
Central Luzon	0.38	6.08	0.50	0.03	11.64
CALABARZON	0.24	4.34	0.40	0.37	6.92
MIMAROPA	0.01	0.19			11.06
Bicol Region	0.21	4.01	0.32	0.07	8.93
Western Visayas	0.12	1.26	0.26	0.08	8.52
Central Visayas		0.78	0.05		10.30
Eastern Visayas	0.27	1.15	0.32	0.33	13.69
Zamboanga Peninsula	0.38	3.57	0.27	0.06	11.35
Northern Mindanao	0.16	3.44	0.17	0.01	10.03
Davao Region	0.16	3.84	1.06	0.95	13.04
SOCCSKSARGEN	0.21	2.58	0.62	0.47	11.14
Caraga	0.34	5.33	0.22	0.02	17.71
ARMM	0.07	0.80	1.10	0.64	10.02

Table 8.24 Percentage of households by buying frequency of pineapple and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.07	0.84	0.13	0.06	3.41
NCR	0.30	2.27	0.09		4.80
CAR	0.06	0.40	0.01		2.49
Ilocos Region		0.23	0.02		2.42
Cagayan Valley		1.10	0.06		2.46
Central Luzon	0.07	0.75	0.21	0.04	3.03
CALABARZON	0.11	0.60	0.31	0.17	4.33
MIMAROPA		0.10			1.82
Bicol Region	0.05	1.30	0.20	0.02	4.27
Western Visayas		0.21	0.08	0.02	2.79
Central Visayas		0.09			1.94
Eastern Visayas		0.04			2.68
Zamboanga Peninsula		0.34			2.08
Northern Mindanao	0.05	1.06		0.07	5.53
Davao Region	0.05	0.68	0.02	0.13	2.32
SOCCSKSARGEN		1.71	0.27	0.18	3.33
Caraga		1.61	0.09		3.92
ARMM	0.04	0.52	0.50	0.26	3.62

Table 8.25 Percentage of households by buying frequency of papaya and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.09	0.80	0.23	0.07	2.26
NCR	0.28	1.99	0.52	a/	2.69
CAR	0.06	1.25			2.49
Ilocos Region	0.06	0.53		0.40	1.00
Cagayan Valley		0.72	0.37		0.92
Central Luzon	0.03	0.96	0.47	0.12	3.82
CALABARZON	0.14	0.67	0.04	0.18	2.33
MIMAROPA		0.10	0.05		1.85
Bicol Region		0.75		0.01	2.49
Western Visayas		0.45	0.12		1.40
Central Visayas		0.15	0.03		1.98
Eastern Visayas					1.38
Zamboanga Peninsula		0.94	0.12	0.10	2.41
Northern Mindanao	0.02	0.21	a/	a/	2.03
Davao Region	0.13	1.06	0.28		1.56
SOCCSKSARGEN	0.09	0.58	0.22	0.05	2.22
Caraga		0.88	0.02	a/	2.02
ARMM	0.41	1.00	1.08	0.13	3.20

a/ Less than 0.01

Table 8.26 Percentage of households by buying frequency of beef and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.07	3.39	0.84	0.35	6.46
NCR	0.15	4.81	2.64	0.02	6.98
CAR	0.14	5.18	0.50	0.16	4.99
Ilocos Region	0.16	6.80	0.81	1.37	18.39
Cagayan Valley	0.17	5.19	1.80	0.25	6.00
Central Luzon	0.04	2.10	0.57	0.65	4.52
CALABARZON	0.10	3.64	0.29	0.13	2.70
MIMAROPA	0.02	0.44	0.02	0.01	5.66
Bicol Region		2.59	0.01	0.10	3.55
Western Visayas	0.01	4.22	0.92	0.27	12.77
Central Visayas	0.15	1.58	0.06	0.01	4.47
Eastern Visayas		1.30	0.02	0.02	1.93
Zamboanga Peninsula	0.08	3.07	0.48	0.09	6.63
Northern Mindanao	0.06	4.88	0.34	0.37	6.57
Davao Region	0.01	3.12	0.24	0.59	4.30
SOCCSKSARGEN	0.02	3.07	2.14	1.34	9.42
Caraga	0.02	2.29	0.09		5.30
ARMM	0.02	1.11	2.04	0.85	8.13



Table 8.27 Percentage of households by buying frequency of pork and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.87	20.69	3.14	0.85	36.68
NCR	0.63	22.22	7.19	0.27	51.20
CAR	0.70	23.76	4.17	1.20	37.64
Ilocos Region	0.89	25.73	3.42	3.15	40.28
Cagayan Valley	2.87	32.36	6.61	0.88	37.80
Central Luzon	0.86	34.07	3.54	0.52	37.73
CALABARZON	1.92	28.61	2.84	1.25	31.27
MIMAROPA	0.22	3.43	0.65	0.19	42.14
Bicol Region	1.56	20.88	1.81	0.46	40.99
Western Visayas	0.22	12.30	2.23	0.60	41.03
Central Visayas	0.11	7.15	0.38	0.28	34.64
Eastern Visayas	0.40	10.68	0.85	0.36	41.00
Zamboanga Peninsula	0.26	12.25	1.07	0.34	23.34
Northern Mindanao	0.51	17.52	0.95	1.05	30.80
Davao Region	0.75	31.28	4.68	1.46	29.09
SOCCSKSARGEN	0.71	13.97	7.01	2.45	34.89
Caraga	0.14	14.21	1.05	0.42	38.74
ARMM		0.45	0.26	0.59	5.85

Table 8.28 Percentage of households by buying frequency of carabeef and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	a/	0.29	0.06	0.02	1.26
NCR		0.10			
CAR		0.17	0.08		0.62
Ilocos Region		0.30	0.08		0.58
Cagayan Valley	0.08	1.16	0.06	a/	3.34
Central Luzon		0.04	0.19		0.20
CALABARZON		0.31			0.98
MIMAROPA		0.09			0.80
Bicol Region		0.42	0.01		1.53
Western Visayas		0.25	0.17		1.24
Central Visayas		0.04			0.66
Eastern Visayas		2.34	0.10	0.02	8.37
Zamboanga Peninsula					0.56
Northern Mindanao		0.03	0.06	0.42	0.72
Davao Region		a/			0.30
SOCCSKSARGEN		0.01	0.13	0.06	0.41
Caraga		0.30	0.07		1.02
ARMM			0.09	0.04	3.59

a/ Less than 0.01

Table 8.29 Percentage of households by buying frequency of chevon and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	a/	0.02	0.02	0.02	0.15
NCR					
CAR		0.08	0.03		0.20
Ilocos Region	0.04	0.12			0.69
Cagayan Valley					0.03
Central Luzon			a/		0.17
CALABARZON				0.01	0.10
MIMAROPA					0.25
Bicol Region					0.01
Western Visayas		0.05		a/	0.02
Central Visayas		0.01			0.26
Eastern Visayas					0.23
Zamboanga Peninsula		0.08			0.06
Northern Mindanao					0.05
Davao Region		0.03			0.14
SOCCSKSARGEN		0.02	0.07	0.12	0.57
Caraga		0.01			
ARMM	0.02		0.34	0.30	0.29

a/ Less than 0.01

Table 8.30 Percentage of households by buying frequency of chicken and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.47	16.53	2.48	0.37	28.11
NCR	0.68	23.20	7.14	0.50	54.56
CAR	0.43	20.80	2.41	0.81	18.26
Ilocos Region	0.35	13.93	1.66	0.23	29.08
Cagayan Valley	0.83	19.88	5.31	0.41	29.67
Central Luzon	0.83	32.94	3.24	0.18	35.15
CALABARZON	0.97	27.34	3.33	0.64	26.33
MIMAROPA	0.07	1.33	0.13	0.04	19.92
Bicol Region	0.44	8.71	1.02	0.09	19.99
Western Visayas	0.09	6.62	0.70	0.09	25.67
Central Visayas	0.09	2.90	0.05	0.10	17.30
Eastern Visayas	0.27	8.56	0.23	0.02	25.14
Zamboanga Peninsula	0.38	8.49	0.87	0.20	20.83
Northern Mindanao	0.13	11.24	0.60	0.66	19.41
Davao Region	0.15	25.23	2.55	0.28	17.56
SOCCSKSARGEN	0.20	2.92	2.39	1.20	12.94
Caraga	0.12	7.98	0.35	0.06	26.05
ARMM	0.14	2.60	1.51	0.91	18.11

Table 8.31 Percentage of households by buying frequency of chicken egg and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	5.18	18.67	2.08	0.65	42.79
NCR	4.07	21.18	3.71	0.72	55.72
CAR	2.53	29.21	2.49	0.99	36.44
Ilocos Region	2.89	18.36	2.20	2.46	44.22
Cagayan Valley	9.53	19.94	3.65	0.22	38.04
Central Luzon	6.73	33.64	1.34	0.18	43.41
CALABARZON	12.67	19.24	2.72	1.09	43.40
MIMAROPA	2.00	3.43	0.50	0.04	52.84
Bicol Region	5.40	16.13	1.78	0.39	38.09
Western Visayas	2.02	11.28	1.33	0.40	36.90
Central Visayas	2.58	8.11	0.16	0.06	43.02
Eastern Visayas	2.42	7.06	0.50	0.15	51.70
Zamboanga Peninsula	2.58	15.41	0.71	0.46	29.56
Northern Mindanao	2.19	15.76	1.16	0.81	44.90
Davao Region	4.57	34.28	2.98	0.52	27.96
SOCCSKSARGEN	1.97	16.26	3.56	0.63	33.89
Caraga	5.93	15.18	1.03	0.14	46.64
ARMM	2.69	9.55	3.50	1.27	39.55

Table 8.32 Percentage of households by buying frequency of milkfish and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.56	11.27	2.22	0.34	20.76
NCR	0.44	15.53	6.63	0.25	35.83
CAR	0.18	17.77	2.40	0.91	25.28
Ilocos Region	0.64	13.80	2.53	1.56	33.83
Cagayan Valley	0.24	13.77	4.87	0.78	21.68
Central Luzon	0.60	22.79	2.86	0.39	28.39
CALABARZON	1.85	17.83	2.59	0.35	15.26
MIMAROPA	0.25	0.47	0.02		11.50
Bicol Region	1.10	1.27	0.41	0.05	5.76
Western Visayas	0.22	8.28	1.53	0.35	45.53
Central Visayas	0.15	1.91	0.10		4.91
Eastern Visayas	0.39	2.26	0.17	0.01	14.23
Zamboanga Peninsula	0.09	2.79	0.20	0.12	3.87
Northern Mindanao	a/	5.03	0.28	0.16	10.46
Davao Region	0.20	17.29	1.41	0.14	9.79
SOCCSKSARGEN	0.03	6.27	2.40	0.44	15.02
Caraga	0.11	4.98	0.18	0.31	12.42
ARMM	0.05	2.12	1.15	0.32	8.78

a/ Less than 0.01

Table 8.33 Percentage of households by buying frequency of tilapia and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.64	12.27	1.85	0.30	19.50
NCR	0.37	16.41	6.31	0.19	41.66
CAR	0.07	14.07	1.41	0.44	22.04
Ilocos Region	0.42	12.75	1.32	2.03	23.36
Cagayan Valley	1.64	20.68	4.85	0.70	32.45
Central Luzon	0.83	29.62	2.66	0.11	30.04
CALABARZON	1.98	23.26	1.99	0.36	22.48
MIMAROPA	0.21	0.25	0.05		8.01
Bicol Region	1.23	7.45	0.49	0.05	20.80
Western Visayas		1.38	0.22	0.06	9.07
Central Visayas		0.18			0.85
Eastern Visayas					1.25
Zamboanga Peninsula		1.29	0.20		1.86
Northern Mindanao	0.12	2.48	0.39	0.28	5.75
Davao Region	0.05	8.14	0.31		3.51
SOCCSKSARGEN	0.35	15.54	2.64	0.41	26.42
Caraga		1.79			4.45
ARMM	0.70	1.54	0.88	1.02	16.62

Table 8.34 Percentage of households by buying frequency of roundscad and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	1.59	11.90	2.05	0.29	28.70
NCR	0.74	14.14	5.43	0.06	45.03
CAR	0.03	9.97	0.96	0.10	10.21
Ilocos Region	0.47	8.51	1.83	2.12	23.05
Cagayan Valley	0.23	13.06	4.33	0.55	22.37
Central Luzon	0.30	14.80	2.48	0.36	22.04
CALABARZON	2.26	21.42	2.40	0.33	24.31
MIMAROPA	1.44	2.78	0.84		37.80
Bicol Region	3.17	10.70	1.41	0.05	28.34
Western Visayas	0.81	3.63	0.57	0.08	31.78
Central Visayas	0.64	3.58	0.13		24.86
Eastern Visayas	3.53	6.47	0.35	0.04	45.98
Zamboanga Peninsula	5.05	16.57	0.69		21.44
Northern Mindanao	0.78	11.29	0.48	0.35	32.68
Davao Region	1.13	21.78	1.40	0.08	19.14
SOCCSKSARGEN	0.52	9.20	2.79	0.17	28.33
Caraga	0.16	7.05	0.56	0.03	17.34
ARMM	7.73	4.34	2.28	0.64	29.69

Table 8.35 Percentage of households by buying frequency of bihon and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.25	1.64	0.63	0.25	11.25
NCR	0.29	0.14	0.54		3.63
CAR	0.04	1.58	0.38	0.24	7.17
Ilocos Region	0.04	0.69	0.26	0.35	6.87
Cagayan Valley	0.48	0.90	0.90	0.12	6.98
Central Luzon	0.02	0.53	0.51	0.20	6.71
CALABARZON	0.15	0.66	0.09	0.06	9.51
MIMAROPA	0.14	0.17	0.01		8.54
Bicol Region	0.55	1.85	0.21	0.11	13.09
Western Visayas	0.57	2.16	0.60	0.35	19.65
Central Visayas	0.27	1.90	0.36	0.15	17.45
Eastern Visayas	0.03	0.10	0.06		10.95
Zamboanga Peninsula	0.59	3.05	1.20	0.29	17.07
Northern Mindanao	0.23	2.83	0.73	0.45	17.65
Davao Region	0.13	5.14	1.05	0.55	15.55
SOCCSKSARGEN	0.14	5.47	3.11	1.16	14.78
Caraga	0.40	4.76	0.61	0.15	19.29
ARMM	0.38	3.11	2.23	0.95	13.62

Table 8.36 Percentage of households by buying frequency of pasta and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.06	0.18	0.13	0.03	2.06
NCR	0.03	0.27	0.67	0.01	1.11
CAR		0.76	0.22		1.06
Ilocos Region	0.03	0.15		0.02	1.99
Cagayan Valley		0.02	0.42	0.03	1.34
Central Luzon	0.05	0.31	0.11	0.12	3.58
CALABARZON	0.27	0.42	0.05	0.04	4.86
MIMAROPA				0.02	1.10
Bicol Region	0.23	0.12			1.15
Western Visayas	0.01	0.02		0.03	2.66
Central Visayas		0.04			1.37
Eastern Visayas		0.03	0.03		0.48
Zamboanga Peninsula		0.05			0.42
Northern Mindanao	a/	0.02	0.01	0.01	3.05
Davao Region		0.07			0.62
SOCCSKSARGEN		0.14	0.12	0.04	0.73
Caraga		0.08		0.01	1.08
ARMM	0.01	0.02	0.10	0.11	0.63

a/ Less than 0.01

Table 8.37 Percentage of households by buying frequency of canton and region,  
Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.47	1.97	0.45	0.11	6.41
NCR	0.49	1.07	1.06		1.65
CAR	0.34	4.59	0.88	0.15	8.83
Ilocos Region	0.29	1.82	0.32	0.02	6.24
Cagayan Valley	2.17	3.38	0.74	0.28	8.43
Central Luzon	0.33	2.76	0.39	0.09	4.83
CALABARZON	0.06	0.51	0.07	0.05	5.52
MIMAROPA	0.10	0.45			5.50
Bicol Region	0.45	1.22	0.37	0.02	8.60
Western Visayas	0.14	2.38	0.16	0.12	13.63
Central Visayas		0.94			4.79
Eastern Visayas	0.02	0.20		0.07	6.57
Zamboanga Peninsula	0.67	2.00	0.38	0.01	7.25
Northern Mindanao	0.21	0.81	0.33	0.18	7.05
Davao Region	0.17	2.70	0.80		1.48
SOCCSKSARGEN	0.13	7.70	1.01	0.15	6.00
Caraga	0.36	0.77	0.09	0.01	4.43
ARMM	2.40	5.12	1.43	1.14	16.07

Table 8.38 Percentage of households by buying frequency of fresh miki and region,  
Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	0.08	0.78	0.17	0.06	4.07
NCR		0.02			0.24
CAR		0.64	0.12		0.76
Ilocos Region	0.03	0.17	0.08	0.03	2.06
Cagayan Valley	0.33	2.22	0.48	0.24	6.68
Central Luzon	0.08	0.47		0.07	1.21
CALABARZON	0.06	0.33	0.07	0.04	4.77
MIMAROPA	0.08	0.17	0.06		6.85
Bicol Region	0.11	0.29	0.04		1.34
Western Visayas	0.18	0.24	0.14	0.02	4.77
Central Visayas		0.35	0.06	0.07	7.40
Eastern Visayas		0.06	0.03		5.20
Zamboanga Peninsula	0.11	2.95	0.44	0.02	8.74
Northern Mindanao	0.05	2.80	0.44	0.34	8.30
Davao Region	0.02	3.02	0.40	0.01	7.17
SOCCSKSARGEN		0.88	0.80	0.09	4.58
Caraga	0.39	2.59	0.02	0.03	7.86
ARMM	0.09	0.64	0.62	0.10	1.89

Table 8.39 Percentage of households by buying frequency of instant noodles and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	4.51	13.72	1.97	0.64	45.00
NCR	4.53	10.29	3.93	0.24	49.66
CAR	3.50	25.49	1.92	0.77	44.94
Ilocos Region	3.91	17.62	3.64	1.55	49.93
Cagayan Valley	12.07	18.69	3.10	0.92	41.80
Central Luzon	4.64	20.05	1.35	0.24	38.36
CALABARZON	7.35	13.56	2.59	1.78	39.17
MIMAROPA	1.46	3.00	0.39	0.03	57.71
Bicol Region	6.54	14.53	2.18	0.18	41.90
Western Visayas	2.35	10.60	1.30	0.42	60.17
Central Visayas	3.11	6.97	0.09	0.14	53.83
Eastern Visayas	1.98	4.06	0.25	0.33	51.32
Zamboanga Peninsula	1.93	12.26	0.56	0.15	39.99
Northern Mindanao	1.41	11.55	1.05	0.56	49.23
Davao Region	5.25	31.26	2.49	0.89	30.79
SOCCSKSARGEN	1.69	19.43	3.96	0.39	40.81
Caraga	4.03	10.94	0.99	0.12	47.33
ARMM	2.40	4.40	0.84	1.15	30.91

Table 8.40 Percentage of households by buying frequency of pandesal and region, Philippines, 2008-2009

Region	Daily	Weekly	Twice/ Thrice a Month	Monthly	As Need Arises/ Unscheduled
Philippines	19.40	6.36	0.58	0.15	21.70
NCR	27.82	11.42	0.46	0.06	25.46
CAR	4.49	8.29	0.75	0.06	17.21
Ilocos Region	11.63	9.03	1.65	1.06	24.79
Cagayan Valley	17.29	7.79	1.14	0.30	22.01
Central Luzon	29.26	6.30	0.38	0.12	17.29
CALABARZON	28.80	5.25	0.87	0.20	18.61
MIMAROPA	3.33	1.28	0.09		18.58
Bicol Region	32.38	6.58	0.42	0.03	20.73
Western Visayas	11.69	6.50	0.60	0.05	43.72
Central Visayas	13.18	2.84	a/		22.84
Eastern Visayas	16.20	1.83	0.03		26.21
Zamboanga Peninsula	15.28	10.39	0.42		21.10
Northern Mindanao	6.92	6.37	0.23	0.08	15.22
Davao Region	10.40	5.26	0.11	0.04	10.73
SOCCSKSARGEN	4.51	4.97	1.04	0.05	17.67
Caraga	10.59	3.78	0.11	0.01	12.30
ARMM	19.13	3.80	1.42	0.46	14.16

a/ Less than 0.01

Table 9. Percentage of households by type of food eaten,  
Philippines, 2008-2009

Commodity	Percent
Rice (Plain)	97.25
Corn in cob	10.95
Corn grits	7.54
Shelled corn	1.70
Camote	25.18
Cassava	15.48
Gabi	10.66
White Potato	11.53
Cabbage	19.47
Pechay	20.06
Ampalaya	43.94
Eggplant	55.69
Chayote	17.91
Okra	31.50
Squash	37.31
Tomato	61.50
Stringbeans	48.60
Habitchuelas	5.38
Mongo	24.60
Onion	80.06
Garlic	76.55
Banana	69.60
Mango (ripe)	39.72
Pineapple	9.38
Papaya (ripe)	12.25
Beef	12.15
Pork	66.76
Carabeef	1.84
Chevon	0.47
Chicken	59.16
Chicken Egg	76.10
Fresh/pasteurized milk	1.31
Milkfish	38.06
Tilapia	38.11
Roundscad	50.61
Bihon	16.79
Pasta	3.16
Canton	10.52
Fresh miki	5.57
Instant noodles	66.01
Pandesal	49.86



Table 10. Percentage of household members who ate meals at home, by type of meal and region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack		
				Morning	Afternoon	Evening
PHILIPPINES	83.42	78.65	83.11	17.03	37.26	1.55
NCR	83.54	77.23	84.06	1.36	24.14	0.41
CAR	81.22	75.66	79.90	25.87	22.62	3.02
Ilocos Region	84.13	77.18	83.84	26.15	44.20	2.15
Cagayan Valley	79.36	75.96	80.66	20.91	30.22	1.16
Central Luzon	82.61	77.19	81.59	12.25	33.51	1.79
CALABARZON	80.84	74.30	80.83	16.00	36.24	2.05
MIMAROPA	84.65	81.74	84.62	26.87	43.16	0.32
Bicol Region	84.80	81.44	84.08	20.98	56.48	0.95
Western Visayas	83.53	79.63	83.29	11.55	35.62	1.23
Central Visayas	81.67	80.43	82.21	24.75	32.36	2.33
Eastern Visayas	85.05	81.64	84.41	22.10	41.90	0.93
Zamboanga Peninsula	83.89	82.11	83.92	19.15	44.83	1.05
Northern Mindanao	85.39	80.58	84.45	24.13	49.08	2.49
Davao Region	84.12	75.84	81.98	25.08	44.34	0.91
SOCCSKSARGEN	84.70	80.98	84.17	27.69	40.95	2.43
Caraga	85.91	83.15	85.23	22.13	40.78	2.34
ARMM	87.36	84.36	86.81	19.47	40.47	2.80

Table 11. Percentage of household members who ate meals outside, by type of meal and region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack		
				Morning	Afternoon	Evening
PHILIPPINES	4.62	12.91	4.67	2.96	5.20	0.22
NCR	3.33	13.95	2.86	0.29	3.78	0.18
CAR	5.42	14.56	5.88	3.05	2.13	0.15
Ilocos Region	4.72	15.64	4.39	6.66	8.62	0.06
Cagayan Valley	6.14	16.68	6.24	5.91	6.78	0.07
Central Luzon	5.71	14.21	6.73	2.75	7.41	0.22
CALABARZON	5.97	17.71	5.75	6.80	10.33	0.55
MIMAROPA	4.18	9.21	4.06	3.09	2.02	0.03
Bicol Region	4.04	9.22	4.03	4.98	5.44	0.21
Western Visayas	5.34	10.97	3.98	2.29	4.06	0.26
Central Visayas	5.08	9.43	5.57	1.68	2.22	0.29
Eastern Visayas	3.64	10.39	3.72	2.63	4.61	a/
Zamboanga Peninsula	4.97	9.61	5.73	1.62	2.88	0.06
Northern Mindanao	5.06	14.14	6.84	2.35	4.31	0.31
Davao Region	4.21	15.68	4.68	1.26	3.46	0.14
SOCCSKSARGEN	3.23	9.50	3.40	1.93	3.06	0.10
Caraga	4.17	8.43	3.98	1.27	2.68	0.03
ARMM	2.25	8.54	2.07	1.11	2.54	0.30

a/ Less than 0.01

Table 12.1 Percentage of household members who ate breakfast outside by main reason and region, Philippines, 2008-2009

Region	Economical	Time Constraint	Accessibility	Social	Job/Work Related	Schooling	Others
PHILIPPINES	1.80	2.69	2.14	3.96	47.61	2.60	3.02
NCR	2.12	3.95	1.81	2.92	47.04	0.35	0.60
CAR	0.67	2.42	1.89	3.80	36.10	10.59	3.26
Ilocos Region	2.05	1.29	0.32	2.03	53.47	3.48	2.40
Cagayan Valley	2.49	1.93	1.58	5.56	44.14	7.74	3.28
Central Luzon	1.43	2.71	3.49	3.77	42.28	2.27	2.51
CALABARZON	2.30	2.70	1.14	1.96	50.15	1.32	3.37
MIMAROPA	3.35	2.82	1.58	2.63	51.12	2.10	6.81
Bicol Region	1.45	3.06	2.27	4.05	57.10	1.34	2.60
Western Visayas	1.18	2.17	4.02	3.62	54.55	1.27	2.83
Central Visayas	0.87	1.12	3.18	6.77	46.35	2.00	3.06
Eastern Visayas	0.21	1.28	0.74	5.95	54.17	4.31	3.01
Zamboanga Peninsula	0.93	2.28	3.98	5.58	48.68	2.70	2.23
Northern Mindanao	0.77	1.00	1.97	6.22	42.02	4.99	7.32
Davao Region	1.95	4.06	1.83	5.20	51.00	1.94	1.98
SOCCSKSARGEN	2.91	2.42	0.26	2.36	55.19	2.40	2.04
Caraga	1.35	0.91	1.64	4.45	48.10	4.95	6.53
ARMM	8.51	6.21	2.42	6.08	30.92	4.22	5.34

Table 12.2 Percentage of household members who ate lunch outside by main reason and region, Philippines, 2008-2009

Region	Economical	Time Constraint	Accessibility	Social	Job/Work Related	Schooling	Others
PHILIPPINES	1.46	2.37	2.29	4.35	41.46	3.61	1.64
NCR	0.55	1.75	1.49	2.02	47.57	3.18	0.32
CAR	0.70	4.39	2.11	5.93	32.44	5.66	1.62
Ilocos Region	2.61	2.82	2.61	2.80	38.16	7.66	0.92
Cagayan Valley	2.65	2.60	0.82	5.72	38.79	7.04	1.90
Central Luzon	1.02	1.39	2.18	5.42	39.10	2.76	1.91
CALABARZON	2.38	2.04	1.79	2.31	42.45	3.86	1.82
MIMAROPA	2.45	3.19	1.91	3.17	35.13	8.33	3.66
Bicol Region	1.55	4.49	1.94	5.31	45.39	3.08	1.69
Western Visayas	1.18	2.24	4.36	4.11	50.22	1.61	1.67
Central Visayas	1.43	2.24	3.65	7.89	38.92	1.41	2.53
Eastern Visayas	0.23	1.02	0.75	5.42	49.85	2.59	2.03
Zamboanga Peninsula	1.04	2.82	3.15	6.92	37.52	5.18	1.65
Northern Mindanao	0.58	2.84	1.60	8.40	37.01	2.68	3.78
Davao Region	0.65	2.20	2.45	3.61	41.09	2.31	0.46
SOCCSKSARGEN	1.73	6.08	1.90	5.63	44.18	1.94	1.66
Caraga	1.26	1.82	1.21	3.86	46.79	4.19	3.83
ARMM	4.29	4.78	9.36	9.40	16.70	2.43	2.23

Table 12.3 Percentage of household members who ate dinner outside by main reason and region, Philippines, 2008-2009

Region	Economical	Time Constraint	Accessibility	Social	Job/Work Related	Schooling	Others
PHILIPPINES	1.67	1.78	2.11	7.83	42.95	2.43	3.09
NCR	2.27	2.60	2.94	9.17	49.60	1.22	0.87
CAR	0.56	0.95	2.25	9.72	29.62	9.79	2.82
Ilocos Region	3.78	0.79	1.22	4.69	47.28	2.51	2.41
Cagayan Valley	2.36	0.91	1.21	7.24	40.46	7.20	3.83
Central Luzon	1.06	1.64	2.67	7.37	37.49	2.21	2.97
CALABARZON	2.82	1.60	2.27	4.57	49.96	0.63	3.52
MIMAROPA	1.87	1.77	1.40	2.97	50.45	2.37	6.60
Bicol Region	1.70	3.69	1.77	7.78	53.43	1.45	2.77
Western Visayas	0.58	1.20	3.85	8.19	49.58	1.53	2.64
Central Visayas	0.82	1.93	2.55	9.58	36.06	1.81	3.46
Eastern Visayas	0.26	1.42	0.97	11.11	49.39	3.31	3.31
Zamboanga Peninsula	0.42	1.39	2.47	12.99	37.55	2.28	1.84
Northern Mindanao	0.96	2.82	1.51	11.58	28.92	3.55	4.55
Davao Region	0.23	0.65	0.88	8.15	49.57	1.65	1.75
SOCCSKSARGEN	2.15	2.68	0.16	7.71	44.89	1.90	1.70
Caraga	1.39	1.24	1.56	5.62	41.05	5.18	7.01
ARMM	9.12	4.96	0.88	3.91	29.23	5.09	7.21

Table 12.4 Percentage of household members who ate morning snack outside by main reason and region, Philippines, 2008-2009

Region	Economical	Time Constraint	Accessibility	Social	Job/Work Related	Schooling	Others
PHILIPPINES	1.81	2.48	2.12	3.53	34.30	9.33	2.15
NCR		2.63		1.60	52.81	0.55	
CAR	3.01	5.96	2.75	6.18	29.83	5.31	2.65
Ilocos Region	0.20	1.28	1.80	3.00	29.23	17.02	2.03
Cagayan Valley	1.98	3.20	0.39	3.16	28.51	17.80	2.92
Central Luzon	1.86	2.60	3.68	3.70	33.59	4.78	2.04
CALABARZON	3.89	1.21	2.47	2.36	32.60	9.14	1.49
MIMAROPA	0.67	1.03	1.56	1.58	27.13	17.10	3.50
Bicol Region	1.33	4.86	1.48	3.05	38.09	9.27	1.99
Western Visayas	1.20	1.04	2.26	4.90	39.83	8.33	2.46
Central Visayas	1.55	7.01	1.75	3.26	41.77	1.62	3.34
Eastern Visayas	0.10	1.13		4.84	54.25	6.35	2.19
Zamboanga Peninsula	0.31	1.46	2.77	4.87	42.94	8.96	2.72
Northern Mindanao	0.36	3.18	1.85	10.03	38.82	4.66	3.46
Davao Region	0.52	6.55	0.95	4.70	43.38	4.90	0.80
SOCCSKSARGEN	2.31	3.96	0.16	6.83	40.54	2.87	1.31
Caraga	1.36	0.90	0.67	3.39	45.34	6.15	3.13
ARMM	2.37	5.72	9.92	3.24	25.16	1.83	5.57

Table 12.5 Percentage of household members who ate afternoon snack outside by main reason and region, Philippines, 2008-2009

Region	Economical	Time Constraint	Accessibility	Social	Job/Work Related	Schooling	Others
PHILIPPINES	1.63	2.05	2.62	4.89	36.67	5.92	1.26
NCR	2.79	1.25	5.89	6.23	31.57	0.97	0.17
CAR	1.42	3.55	1.14	8.12	36.95	3.44	2.28
Ilocos Region	0.27	1.74	2.42	2.20	33.53	13.09	0.96
Cagayan Valley	1.21	3.15	0.50	2.39	28.91	14.24	2.97
Central Luzon	0.77	3.06	2.45	6.71	32.32	4.65	0.65
CALABARZON	3.26	0.61	2.06	3.41	35.20	8.33	1.48
MIMAROPA	2.55	2.92	1.42	2.83	48.17	2.51	2.50
Bicol Region	1.47	3.36	2.46	5.07	47.48	5.01	1.58
Western Visayas	0.74	0.96	3.50	6.97	46.00	3.32	1.22
Central Visayas	1.76	3.14	3.31	3.19	48.39	2.78	2.32
Eastern Visayas	0.26	0.35	0.34	5.37	49.74	4.17	1.76
Zamboanga Peninsula	0.74	2.05	5.75	3.40	47.86	4.49	1.51
Northern Mindanao	0.37	4.01	5.12	10.66	32.83	1.85	1.61
Davao Region	0.13	4.37	1.16	3.98	37.04	4.22	0.95
SOCCSKSARGEN	0.85	5.85	1.02	8.72	35.64	1.99	1.21
Caraga	0.95	1.15	2.58	3.95	52.81	2.68	0.84
ARMM	2.72	4.99	6.84	6.67	23.02	0.88	2.76

Table 12.6 Percentage of household members who ate evening snack outside by main reason and region, Philippines, 2008-2009

Region	Economical	Time Constraint	Accessibility	Social	Job/Work Related	Schooling	Others
PHILIPPINES	2.95	1.25	1.31	10.20	33.97	0.87	3.19
NCR	2.80			7.53	54.05		1.38
CAR	20.97		8.78	2.31	22.33	5.50	2.81
Ilocos Region					40.85	15.12	
Cagayan Valley			0.06	33.39	52.82	10.65	
Central Luzon	1.35	6.66		10.07	16.35		11.31
CALABARZON	5.99		2.35	6.16	29.33		6.17
MIMAROPA				8.33	15.26		9.74
Bicol Region		3.90	2.51	16.07	47.75	4.87	
Western Visayas				7.58	26.08	0.30	1.01
Central Visayas			0.40	32.73	12.48		6.07
Eastern Visayas						25.00	
Zamboanga Peninsula				4.58	38.10		
Northern Mindanao			1.87	12.66	36.41	0.12	
Davao Region				0.16	60.09		
SOCCSKSARGEN				18.64	54.39		
Caraga			3.23	15.38	28.16		
ARMM	3.73	6.72	3.93	16.20	11.20		0.52

Table 13. Percentage of household members who took home meals from outside or ordered for delivery, by type of meal and region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snacks
PHILIPPINES	3.80	10.46	6.99	7.06
NCR	1.95	15.03	9.77	6.77
CAR	0.22	2.13	1.95	2.56
Ilocos Region	1.29	2.69	1.41	3.27
Cagayan Valley	2.59	5.77	2.50	5.28
Central Luzon	2.22	11.14	6.77	11.02
CALABARZON	4.06	18.61	14.05	11.54
MIMAROPA	1.29	5.73	2.42	2.20
Bicol Region	8.32	13.55	6.69	10.34
Western Visayas	5.04	3.75	2.90	3.71
Central Visayas	6.80	9.83	8.01	3.97
Eastern Visayas	7.93	13.04	6.70	12.84
Zamboanga Peninsula	2.34	8.35	6.66	3.09
Northern Mindanao	1.97	7.78	4.99	7.41
Davao Region	2.93	7.62	8.41	4.88
SOCCSKSARGEN	3.96	8.30	5.76	6.29
Caraga	9.54	18.09	7.98	2.86
ARMM	3.67	1.15	1.30	3.98

Table 14. Percentage of households who served meals to guests, by type of meal and region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack		
				Morning	Afternoon	Evening
PHILIPPINES	6.40	12.00	6.86	2.59	5.74	0.41
NCR	1.93	3.95	2.51	0.18	1.60	
CAR	12.18	20.70	12.16	6.32	6.57	0.94
Ilocos Region	3.62	9.14	4.54	3.70	5.28	0.11
Cagayan Valley	7.85	20.39	8.88	4.87	7.61	0.17
Central Luzon	3.99	10.25	4.75	1.80	6.16	0.06
CALABARZON	5.99	9.87	7.82	1.31	4.87	0.62
MIMAROPA	4.50	11.96	5.76	1.72	5.64	
Bicol Region	11.99	18.48	12.48	5.08	10.53	0.22
Western Visayas	3.80	10.41	3.73	0.78	3.85	0.20
Central Visayas	7.33	10.62	8.22	1.92	4.06	0.17
Eastern Visayas	6.51	12.51	7.05	3.26	6.86	0.61
Zamboanga Peninsula	10.44	17.05	11.69	3.00	8.22	0.36
Northern Mindanao	9.24	19.51	9.70	4.31	8.23	1.61
Davao Region	7.86	12.76	9.98	1.85	4.04	0.18
SOCCKSARGEN	10.79	17.46	8.78	3.14	8.28	0.58
Caraga	9.09	17.12	9.70	2.61	6.61	0.45
ARMM	7.66	11.27	5.91	7.03	9.29	1.67

Table 15.1 Rice (plain): Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	2.213	2.358	2.277	2.311	2.290	119.080
NCR	1.622	2.100	2.022	2.022	1.942	100.984
CAR	2.493	2.480	2.541	2.611	2.531	131.612
Ilocos Region	2.453	2.440	2.328	2.395	2.404	125.008
Cagayan Valley	2.259	2.468	2.267	2.418	2.353	122.356
Central Luzon	2.487	2.331	2.310	2.353	2.370	123.240
CALABARZON	2.116	2.397	2.091	2.068	2.168	112.736
MIMAROPA	2.648	2.726	2.520	2.592	2.622	136.344
Bicol Region	2.482	2.363	2.364	2.350	2.390	124.280
Western Visayas	2.586	2.646	2.489	2.561	2.571	133.692
Central Visayas	1.612	1.846	1.904	1.963	1.831	95.212
Eastern Visayas	2.302	2.583	2.414	2.488	2.447	127.244
Zamboanga Peninsula	2.110	1.963	2.077	2.240	2.098	109.096
Northern Mindanao	2.027	2.331	2.232	2.308	2.225	115.700
Davao Region	2.175	1.980	2.264	2.284	2.176	113.152
SOCCSKSARGEN	2.457	2.593	2.756	2.695	2.625	136.500
Caraga	2.395	2.516	2.404	2.542	2.464	128.128
ARMM	2.577	3.007	2.791	2.754	2.782	144.664

Table 15.2 Corn: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.151	0.149	0.119	0.126	0.136	7.072
NCR	0.001	0.002	0.006	0.003	0.003	0.156
CAR	0.012	0.007	0.024	0.035	0.020	1.040
Ilocos Region	0.016	0.003	0.012	0.007	0.010	0.520
Cagayan Valley	0.056	0.076	0.067	0.075	0.069	3.588
Central Luzon	0.013	0.003	0.002	0.004	0.006	0.312
CALABARZON	0.014	0.013	0.011	0.016	0.014	0.728
MIMAROPA	0.018	0.011	0.001	0.002	0.008	0.416
Bicol Region	0.048	0.005	0.011	0.016	0.020	1.040
Western Visayas	0.036	0.043	0.038	0.049	0.042	2.184
Central Visayas	0.714	0.881	0.645	0.613	0.713	37.076
Eastern Visayas	0.072	0.109	0.084	0.089	0.089	4.628
Zamboanga Peninsula	0.585	0.729	0.617	0.571	0.626	32.552
Northern Mindanao	0.794	0.634	0.545	0.639	0.653	33.956
Davao Region	0.471	0.350	0.310	0.351	0.371	19.292
SOCCSKSARGEN	0.191	0.175	0.129	0.099	0.149	7.748
Caraga	0.231	0.248	0.103	0.076	0.165	8.580
ARMM	0.021	0.012	0.008	0.009	0.013	0.676

Table 15.3 Camote: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.068	0.079	0.081	0.085	0.078	4.056
NCR	0.010	0.010	0.015	0.020	0.014	0.728
CAR	0.098	0.138	0.167	0.162	0.141	7.332
Ilocos Region	0.021	0.027	0.055	0.047	0.038	1.976
Cagayan Valley	0.060	0.065	0.070	0.085	0.070	3.640
Central Luzon	0.049	0.037	0.052	0.048	0.047	2.444
CALABARZON	0.037	0.050	0.045	0.054	0.047	2.444
MIMAROPA	0.090	0.112	0.096	0.093	0.098	5.096
Bicol Region	0.149	0.134	0.169	0.164	0.154	8.008
Western Visayas	0.060	0.062	0.075	0.087	0.071	3.692
Central Visayas	0.065	0.111	0.093	0.089	0.090	4.680
Eastern Visayas	0.138	0.144	0.139	0.134	0.139	7.228
Zamboanga Peninsula	0.099	0.140	0.141	0.156	0.134	6.968
Northern Mindanao	0.135	0.198	0.181	0.179	0.173	8.996
Davao Region	0.072	0.097	0.062	0.083	0.079	4.108
SOCCSKSARGEN	0.093	0.097	0.111	0.105	0.102	5.304
Caraga	0.143	0.136	0.130	0.161	0.143	7.436
ARMM	0.098	0.134	0.109	0.104	0.111	5.772

Table 15.4 Cassava: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.058	0.062	0.054	0.065	0.060	3.120
NCR	0.006	0.003	0.003	0.008	0.005	0.260
CAR	0.041	0.027	0.026	0.028	0.031	1.612
Ilocos Region	0.091	0.024	0.013	0.012	0.035	1.820
Cagayan Valley	0.057	0.064	0.036	0.029	0.047	2.444
Central Luzon	0.034	0.030	0.010	0.015	0.022	1.144
CALABARZON	0.033	0.070	0.041	0.041	0.046	2.392
MIMAROPA	0.066	0.062	0.090	0.103	0.080	4.160
Bicol Region	0.127	0.110	0.100	0.116	0.113	5.876
Western Visayas	0.040	0.026	0.037	0.046	0.037	1.924
Central Visayas	0.055	0.074	0.050	0.099	0.070	3.640
Eastern Visayas	0.097	0.119	0.088	0.116	0.105	5.460
Zamboanga Peninsula	0.075	0.127	0.138	0.147	0.122	6.344
Northern Mindanao	0.092	0.082	0.100	0.134	0.102	5.304
Davao Region	0.051	0.036	0.029	0.043	0.040	2.080
SOCCSKSARGEN	0.081	0.084	0.084	0.099	0.087	4.524
Caraga	0.057	0.091	0.074	0.070	0.073	3.796
ARMM	0.159	0.200	0.221	0.219	0.200	10.400



Table 15.5 Gabi: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.021	0.019	0.018	0.022	0.020	1.040
NCR	0.006	0.002	a/	0.001	0.002	0.104
CAR	0.040	0.028	0.038	0.038	0.036	1.872
Ilocos Region	0.007	0.009	0.006	0.006	0.007	0.364
Cagayan Valley	0.079	0.049	0.051	0.076	0.064	3.328
Central Luzon	0.024	0.020	0.019	0.016	0.020	1.040
CALABARZON	0.006	0.011	0.011	0.014	0.011	0.572
MIMAROPA	0.021	0.015	0.016	0.024	0.019	0.988
Bicol Region	0.018	0.020	0.016	0.024	0.020	1.040
Western Visayas	0.014	0.009	0.005	0.007	0.009	0.468
Central Visayas	0.025	0.029	0.020	0.042	0.029	1.508
Eastern Visayas	0.033	0.031	0.025	0.036	0.031	1.612
Zamboanga Peninsula	0.041	0.049	0.055	0.061	0.052	2.704
Northern Mindanao	0.024	0.027	0.024	0.030	0.026	1.352
Davao Region	0.024	0.031	0.029	0.031	0.029	1.508
SOCCSKSARGEN	0.028	0.022	0.043	0.037	0.033	1.716
Caraga	0.050	0.027	0.041	0.032	0.038	1.976
ARMM	0.016	0.020	0.013	0.010	0.015	0.780

Table 15.6 White Potato: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.014	0.013	0.014	0.016	0.014	0.728
NCR	0.026	0.015	0.020	0.022	0.021	1.092
CAR	0.064	0.078	0.097	0.098	0.084	4.368
Ilocos Region	0.012	0.018	0.020	0.014	0.016	0.832
Cagayan Valley	0.017	0.020	0.020	0.023	0.020	1.040
Central Luzon	0.030	0.022	0.025	0.027	0.026	1.352
CALABARZON	0.022	0.028	0.018	0.031	0.025	1.300
MIMAROPA	0.006	0.004	0.003	0.003	0.004	0.208
Bicol Region	0.006	0.005	0.006	0.008	0.006	0.312
Western Visayas	0.002	0.002	0.002	0.004	0.003	0.156
Central Visayas	0.002	0.004	0.010	0.009	0.006	0.312
Eastern Visayas	0.001	a/	0.001	0.001	0.001	0.052
Zamboanga Peninsula	0.003	0.002	0.003	0.002	0.003	0.156
Northern Mindanao	0.011	0.009	0.020	0.015	0.014	0.728
Davao Region	0.002	0.001	0.001	0.002	0.002	0.104
SOCCSKSARGEN	0.005	0.001	0.003	0.002	0.003	0.156
Caraga	0.005	0.002	a/	0.001	0.002	0.104
ARMM	a/	a/	0.001	0.001	0.001	0.052

a/ Less than 0.001

Table 15.7 Cabbage: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.028	0.026	0.021	0.026	0.025	1.300
NCR	0.042	0.038	0.027	0.033	0.035	1.820
CAR	0.086	0.082	0.075	0.096	0.085	4.420
Ilocos Region	0.025	0.028	0.028	0.026	0.027	1.404
Cagayan Valley	0.050	0.055	0.040	0.043	0.047	2.444
Central Luzon	0.042	0.038	0.031	0.032	0.036	1.872
CALABARZON	0.029	0.027	0.024	0.037	0.029	1.508
MIMAROPA	0.005	0.007	0.004	0.009	0.006	0.312
Bicol Region	0.024	0.015	0.018	0.019	0.019	0.988
Western Visayas	0.018	0.013	0.009	0.012	0.013	0.676
Central Visayas	0.008	0.013	0.011	0.013	0.011	0.572
Eastern Visayas	0.011	0.006	0.008	0.012	0.009	0.468
Zamboanga Peninsula	0.009	0.015	0.011	0.021	0.014	0.728
Northern Mindanao	0.022	0.020	0.027	0.032	0.025	1.300
Davao Region	0.015	0.012	0.013	0.017	0.014	0.728
SOCCSKSARGEN	0.034	0.022	0.009	0.013	0.020	1.040
Caraga	0.012	0.015	0.012	0.014	0.013	0.676
ARMM	0.023	0.030	0.015	0.013	0.020	1.040

Table 15.8 Pechay: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.017	0.019	0.017	0.016	0.017	0.884
NCR	0.023	0.024	0.017	0.019	0.021	1.092
CAR	0.048	0.078	0.071	0.047	0.061	3.172
Ilocos Region	0.007	0.010	0.010	0.007	0.009	0.468
Cagayan Valley	0.021	0.039	0.046	0.018	0.031	1.612
Central Luzon	0.018	0.017	0.016	0.015	0.017	0.884
CALABARZON	0.017	0.020	0.012	0.012	0.015	0.780
MIMAROPA	0.007	0.009	0.012	0.005	0.008	0.416
Bicol Region	0.023	0.022	0.024	0.025	0.024	1.248
Western Visayas	0.017	0.006	0.010	0.009	0.011	0.572
Central Visayas	0.005	0.007	0.008	0.010	0.008	0.416
Eastern Visayas	0.024	0.023	0.021	0.026	0.024	1.248
Zamboanga Peninsula	0.015	0.018	0.024	0.020	0.019	0.988
Northern Mindanao	0.010	0.014	0.009	0.014	0.012	0.624
Davao Region	0.015	0.012	0.018	0.018	0.016	0.832
SOCCSKSARGEN	0.017	0.014	0.014	0.015	0.015	0.780
Caraga	0.018	0.015	0.015	0.013	0.015	0.780
ARMM	0.017	0.023	0.024	0.017	0.020	1.040

Table 15.9 Ampalaya: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.056	0.049	0.043	0.047	0.049	2.548
NCR	0.054	0.057	0.032	0.037	0.045	2.340
CAR	0.052	0.035	0.036	0.038	0.040	2.080
Ilocos Region	0.064	0.052	0.058	0.061	0.059	3.068
Cagayan Valley	0.076	0.069	0.068	0.060	0.068	3.536
Central Luzon	0.080	0.070	0.055	0.065	0.068	3.536
CALABARZON	0.061	0.055	0.050	0.042	0.052	2.704
MIMAROPA	0.055	0.045	0.039	0.041	0.045	2.340
Bicol Region	0.051	0.042	0.045	0.048	0.047	2.444
Western Visayas	0.038	0.035	0.036	0.040	0.037	1.924
Central Visayas	0.031	0.021	0.024	0.029	0.026	1.352
Eastern Visayas	0.058	0.042	0.027	0.042	0.042	2.184
Zamboanga Peninsula	0.037	0.043	0.042	0.054	0.044	2.288
Northern Mindanao	0.064	0.042	0.048	0.060	0.054	2.808
Davao Region	0.060	0.054	0.046	0.051	0.053	2.756
SOCCSKSARGEN	0.063	0.058	0.058	0.061	0.060	3.120
Caraga	0.052	0.038	0.042	0.042	0.044	2.288
ARMM	0.046	0.034	0.042	0.033	0.039	2.028

Table 15.10 Eggplant: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.086	0.082	0.078	0.079	0.081	4.212
NCR	0.083	0.099	0.067	0.069	0.080	4.160
CAR	0.084	0.075	0.080	0.083	0.081	4.212
Ilocos Region	0.099	0.079	0.096	0.097	0.093	4.836
Cagayan Valley	0.118	0.111	0.106	0.119	0.114	5.928
Central Luzon	0.109	0.091	0.099	0.088	0.097	5.044
CALABARZON	0.089	0.092	0.080	0.082	0.086	4.472
MIMAROPA	0.106	0.096	0.104	0.103	0.102	5.304
Bicol Region	0.076	0.074	0.066	0.066	0.071	3.692
Western Visayas	0.045	0.046	0.051	0.064	0.052	2.704
Central Visayas	0.061	0.066	0.061	0.071	0.065	3.380
Eastern Visayas	0.053	0.054	0.033	0.042	0.046	2.392
Zamboanga Peninsula	0.071	0.072	0.075	0.068	0.072	3.744
Northern Mindanao	0.100	0.085	0.082	0.075	0.086	4.472
Davao Region	0.106	0.097	0.119	0.122	0.111	5.772
SOCCSKSARGEN	0.127	0.093	0.099	0.100	0.105	5.460
Caraga	0.105	0.087	0.077	0.072	0.085	4.420
ARMM	0.065	0.065	0.059	0.058	0.062	3.224

Table 15.11 Chayote: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.030	0.031	0.027	0.029	0.029	1.508
NCR	0.053	0.065	0.055	0.054	0.057	2.964
CAR	0.157	0.127	0.147	0.157	0.147	7.644
Ilocos Region	0.016	0.016	0.013	0.018	0.016	0.832
Cagayan Valley	0.030	0.029	0.019	0.024	0.026	1.352
Central Luzon	0.025	0.021	0.015	0.020	0.020	1.040
CALABARZON	0.028	0.038	0.027	0.025	0.030	1.560
MIMAROPA	0.005	0.005	0.003	0.004	0.004	0.208
Bicol Region	0.009	0.006	0.011	0.009	0.009	0.468
Western Visayas	0.007	0.006	0.003	0.006	0.006	0.312
Central Visayas	0.019	0.019	0.011	0.012	0.015	0.780
Eastern Visayas	0.015	0.012	0.007	0.010	0.011	0.572
Zamboanga Peninsula	0.023	0.021	0.027	0.031	0.026	1.352
Northern Mindanao	0.055	0.055	0.051	0.060	0.055	2.860
Davao Region	0.039	0.020	0.028	0.035	0.031	1.612
SOCCSKSARGEN	0.021	0.018	0.015	0.020	0.019	0.988
Caraga	0.029	0.023	0.018	0.016	0.022	1.144
ARMM	0.037	0.042	0.049	0.052	0.045	2.340

Table 15.12 Okra: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.025	0.029	0.020	0.024	0.025	1.300
NCR	0.017	0.018	0.017	0.018	0.018	0.936
CAR	0.018	0.027	0.030	0.028	0.026	1.352
Ilocos Region	0.037	0.028	0.024	0.025	0.029	1.508
Cagayan Valley	0.037	0.044	0.024	0.051	0.039	2.028
Central Luzon	0.023	0.025	0.013	0.015	0.019	0.988
CALABARZON	0.026	0.044	0.018	0.023	0.028	1.456
MIMAROPA	0.027	0.025	0.026	0.029	0.027	1.404
Bicol Region	0.014	0.020	0.015	0.016	0.016	0.832
Western Visayas	0.023	0.026	0.016	0.016	0.020	1.040
Central Visayas	0.027	0.028	0.017	0.026	0.025	1.300
Eastern Visayas	0.014	0.028	0.009	0.009	0.015	0.780
Zamboanga Peninsula	0.037	0.037	0.043	0.056	0.043	2.236
Northern Mindanao	0.030	0.036	0.024	0.028	0.030	1.560
Davao Region	0.038	0.036	0.049	0.055	0.045	2.340
SOCCSKSARGEN	0.050	0.030	0.029	0.029	0.035	1.820
Caraga	0.039	0.044	0.019	0.019	0.030	1.560
ARMM	0.009	0.015	0.008	0.006	0.010	0.520

Table 15.13 Squash: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.054	0.047	0.041	0.044	0.047	2.444
NCR	0.043	0.037	0.028	0.029	0.034	1.768
CAR	0.061	0.063	0.056	0.069	0.062	3.224
Ilocos Region	0.045	0.056	0.043	0.040	0.046	2.392
Cagayan Valley	0.060	0.068	0.046	0.056	0.058	3.016
Central Luzon	0.036	0.028	0.019	0.026	0.027	1.404
CALABARZON	0.041	0.041	0.030	0.029	0.035	1.820
MIMAROPA	0.063	0.057	0.041	0.057	0.055	2.860
Bicol Region	0.046	0.040	0.042	0.040	0.042	2.184
Western Visayas	0.069	0.035	0.038	0.047	0.047	2.444
Central Visayas	0.078	0.082	0.068	0.074	0.076	3.952
Eastern Visayas	0.061	0.058	0.049	0.059	0.057	2.964
Zamboanga Peninsula	0.060	0.050	0.056	0.052	0.055	2.860
Northern Mindanao	0.064	0.050	0.064	0.063	0.060	3.120
Davao Region	0.082	0.063	0.064	0.069	0.070	3.640
SOCCSKSARGEN	0.082	0.056	0.059	0.063	0.065	3.380
Caraga	0.065	0.062	0.040	0.048	0.054	2.808
ARMM	0.045	0.049	0.042	0.039	0.044	2.288

Table 15.14 Tomato: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.050	0.051	0.051	0.049	0.050	2.600
NCR	0.050	0.047	0.043	0.039	0.045	2.340
CAR	0.050	0.041	0.060	0.056	0.052	2.704
Ilocos Region	0.052	0.058	0.080	0.075	0.066	3.432
Cagayan Valley	0.066	0.057	0.080	0.067	0.068	3.536
Central Luzon	0.084	0.087	0.095	0.084	0.088	4.576
CALABARZON	0.050	0.069	0.052	0.058	0.057	2.964
MIMAROPA	0.022	0.025	0.029	0.030	0.027	1.404
Bicol Region	0.039	0.033	0.028	0.028	0.032	1.664
Western Visayas	0.045	0.031	0.041	0.044	0.040	2.080
Central Visayas	0.022	0.019	0.017	0.016	0.019	0.988
Eastern Visayas	0.032	0.029	0.026	0.029	0.029	1.508
Zamboanga Peninsula	0.039	0.041	0.031	0.032	0.036	1.872
Northern Mindanao	0.035	0.045	0.032	0.038	0.038	1.976
Davao Region	0.045	0.050	0.060	0.064	0.055	2.860
SOCCSKSARGEN	0.086	0.074	0.080	0.076	0.079	4.108
Caraga	0.041	0.035	0.045	0.037	0.040	2.080
ARMM	0.047	0.048	0.047	0.038	0.045	2.340

Table 15.15 Stringbeans: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.054	0.048	0.035	0.039	0.044	2.288
NCR	0.040	0.049	0.026	0.026	0.035	1.820
CAR	0.083	0.084	0.060	0.070	0.074	3.848
Ilocos Region	0.067	0.099	0.076	0.071	0.078	4.056
Cagayan Valley	0.093	0.100	0.051	0.067	0.078	4.056
Central Luzon	0.048	0.033	0.019	0.030	0.033	1.716
CALABARZON	0.052	0.051	0.033	0.031	0.042	2.184
MIMAROPA	0.074	0.058	0.066	0.060	0.065	3.380
Bicol Region	0.072	0.056	0.037	0.043	0.052	2.704
Western Visayas	0.048	0.030	0.029	0.026	0.033	1.716
Central Visayas	0.051	0.037	0.025	0.028	0.035	1.820
Eastern Visayas	0.043	0.030	0.030	0.041	0.036	1.872
Zamboanga Peninsula	0.048	0.040	0.032	0.068	0.047	2.444
Northern Mindanao	0.065	0.055	0.057	0.058	0.059	3.068
Davao Region	0.051	0.032	0.027	0.034	0.036	1.872
SOCCSKSARGEN	0.095	0.054	0.049	0.044	0.061	3.172
Caraga	0.060	0.054	0.034	0.039	0.047	2.444
ARMM	0.025	0.031	0.035	0.031	0.031	1.612

Table 15.16 Habitchuelas: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.006	0.005	0.004	0.005	0.005	0.260
NCR	0.012	0.008	0.005	0.007	0.008	0.416
CAR	0.036	0.061	0.052	0.044	0.048	2.496
Ilocos Region	0.003	0.004	0.005	0.002	0.004	0.208
Cagayan Valley	0.031	0.029	0.013	0.020	0.023	1.196
Central Luzon	0.005	0.004	0.002	0.002	0.003	0.156
CALABARZON	0.006	0.003	0.003	0.004	0.004	0.208
MIMAROPA	0.002	0.002	0.001	0.002	0.002	0.104
Bicol Region	0.001	0.001	0.001	0.001	0.001	0.052
Western Visayas	0.001	a/	a/	0.002	0.001	0.052
Central Visayas	a/	0.001	0.001	0.002	0.001	0.052
Eastern Visayas	0.002	0.005	0.002	0.004	0.003	0.156
Zamboanga Peninsula	a/	0.001		0.010	0.003	0.156
Northern Mindanao	0.008	0.002	0.009	0.009	0.007	0.364
Davao Region	0.001	0.001	0.001	0.001	0.001	0.052
SOCCSKSARGEN	a/	a/	a/		a/	a/
Caraga	0.001	a/	0.001	a/	0.001	0.052
ARMM	0.001	0.001	0.005	0.005	0.003	0.156

a/ Less than 0.001

Table 15.17 Mongo: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.017	0.015	0.014	0.016	0.016	0.832
NCR	0.015	0.015	0.015	0.017	0.016	0.832
CAR	0.027	0.023	0.028	0.022	0.025	1.300
Ilocos Region	0.034	0.026	0.022	0.026	0.027	1.404
Cagayan Valley	0.037	0.038	0.032	0.038	0.036	1.872
Central Luzon	0.019	0.014	0.011	0.017	0.015	0.780
CALABARZON	0.011	0.013	0.010	0.012	0.012	0.624
MIMAROPA	0.019	0.015	0.013	0.015	0.016	0.832
Bicol Region	0.007	0.009	0.009	0.010	0.009	0.468
Western Visayas	0.017	0.011	0.009	0.013	0.013	0.676
Central Visayas	0.026	0.025	0.019	0.022	0.023	1.196
Eastern Visayas	0.004	0.005	0.004	0.003	0.004	0.208
Zamboanga Peninsula	0.014	0.011	0.013	0.011	0.012	0.624
Northern Mindanao	0.013	0.013	0.016	0.018	0.015	0.780
Davao Region	0.013	0.013	0.017	0.016	0.015	0.780
SOCCSKSARGEN	0.024	0.031	0.016	0.021	0.023	1.196
Caraga	0.016	0.012	0.017	0.011	0.014	0.728
ARMM	0.005	0.008	0.011	0.012	0.009	0.468

Table 15.18 Onion: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.037	0.035	0.037	0.038	0.037	1.924
NCR	0.044	0.043	0.048	0.045	0.045	2.340
CAR	0.033	0.029	0.042	0.033	0.034	1.768
Ilocos Region	0.030	0.031	0.030	0.028	0.030	1.560
Cagayan Valley	0.049	0.050	0.043	0.047	0.047	2.444
Central Luzon	0.050	0.044	0.049	0.053	0.049	2.548
CALABARZON	0.046	0.043	0.040	0.042	0.043	2.236
MIMAROPA	0.034	0.034	0.035	0.036	0.035	1.820
Bicol Region	0.040	0.037	0.039	0.040	0.039	2.028
Western Visayas	0.032	0.022	0.030	0.033	0.029	1.508
Central Visayas	0.024	0.023	0.020	0.023	0.023	1.196
Eastern Visayas	0.028	0.026	0.021	0.025	0.025	1.300
Zamboanga Peninsula	0.032	0.026	0.030	0.037	0.031	1.612
Northern Mindanao	0.024	0.027	0.028	0.031	0.028	1.456
Davao Region	0.029	0.029	0.033	0.032	0.031	1.612
SOCCSKSARGEN	0.046	0.036	0.039	0.040	0.040	2.080
Caraga	0.025	0.029	0.034	0.029	0.029	1.508
ARMM	0.021	0.027	0.031	0.026	0.026	1.352

Table 15.19 Garlic: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.024	0.025	0.025	0.026	0.025	1.300
NCR	0.028	0.034	0.035	0.033	0.033	1.716
CAR	0.020	0.021	0.026	0.026	0.023	1.196
Ilocos Region	0.020	0.022	0.019	0.018	0.020	1.040
Cagayan Valley	0.035	0.037	0.030	0.034	0.034	1.768
Central Luzon	0.036	0.036	0.033	0.032	0.034	1.768
CALABARZON	0.028	0.030	0.026	0.032	0.029	1.508
MIMAROPA	0.022	0.023	0.020	0.023	0.022	1.144
Bicol Region	0.036	0.032	0.029	0.033	0.033	1.716
Western Visayas	0.017	0.015	0.017	0.020	0.017	0.884
Central Visayas	0.013	0.012	0.013	0.014	0.013	0.676
Eastern Visayas	0.016	0.015	0.016	0.022	0.017	0.884
Zamboanga Peninsula	0.020	0.017	0.013	0.015	0.016	0.832
Northern Mindanao	0.014	0.015	0.021	0.020	0.018	0.936
Davao Region	0.014	0.017	0.039	0.019	0.022	1.144
SOCCSKSARGEN	0.025	0.022	0.023	0.022	0.023	1.196
Caraga	0.019	0.014	0.013	0.018	0.016	0.832
ARMM	0.012	0.014	0.016	0.023	0.016	0.832

Table 15.20 Banana: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.365	0.321	0.289	0.307	0.321	16.692
NCR	0.200	0.215	0.205	0.204	0.206	10.712
CAR	0.439	0.302	0.344	0.363	0.362	18.824
Ilocos Region	0.226	0.210	0.164	0.196	0.199	10.348
Cagayan Valley	0.509	0.401	0.336	0.318	0.391	20.332
Central Luzon	0.313	0.235	0.177	0.190	0.229	11.908
CALABARZON	0.303	0.257	0.221	0.263	0.261	13.572
MIMAROPA	0.401	0.348	0.361	0.360	0.368	19.136
Bicol Region	0.465	0.415	0.342	0.346	0.392	20.384
Western Visayas	0.409	0.297	0.247	0.315	0.317	16.484
Central Visayas	0.439	0.432	0.320	0.302	0.373	19.396
Eastern Visayas	0.343	0.337	0.266	0.288	0.309	16.068
Zamboanga Peninsula	0.580	0.494	0.461	0.509	0.511	26.572
Northern Mindanao	0.371	0.501	0.673	0.644	0.547	28.444
Davao Region	0.570	0.433	0.449	0.501	0.488	25.376
SOCCSKSARGEN	0.572	0.432	0.370	0.367	0.435	22.620
Caraga	0.449	0.521	0.369	0.404	0.436	22.672
ARMM	0.295	0.255	0.280	0.259	0.272	14.144



Table 15.21 Mango (ripe): Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.020	0.018	0.066	0.138	0.061	3.172
NCR	0.020	0.008	0.082	0.146	0.064	3.328
CAR	0.003	0.002	0.087	0.206	0.075	3.900
Ilocos Region	0.002	0.001	0.112	0.140	0.064	3.328
Cagayan Valley	0.004	a/	0.043	0.231	0.070	3.640
Central Luzon	0.007	0.005	0.131	0.236	0.095	4.940
CALABARZON	0.007	0.006	0.055	0.170	0.060	3.120
MIMAROPA	0.014	0.004	0.083	0.230	0.083	4.316
Bicol Region	0.016	0.017	0.039	0.088	0.040	2.080
Western Visayas	0.011	0.012	0.025	0.086	0.034	1.768
Central Visayas	0.021	0.020	0.049	0.122	0.053	2.756
Eastern Visayas	0.044	0.031	0.026	0.055	0.039	2.028
Zamboanga Peninsula	0.027	0.030	0.058	0.164	0.070	3.640
Northern Mindanao	0.039	0.052	0.048	0.097	0.059	3.068
Davao Region	0.046	0.049	0.055	0.087	0.059	3.068
SOCCSKSARGEN	0.035	0.037	0.049	0.091	0.053	2.756
Caraga	0.053	0.077	0.073	0.081	0.071	3.692
ARMM	0.035	0.042	0.050	0.040	0.042	2.184

a/ Less than 0.001

Table 15.22 Pineapple: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.034	0.014	0.016	0.028	0.023	1.196
NCR	0.031	0.015	0.019	0.022	0.022	1.144
CAR	0.061	0.008	0.013	0.045	0.032	1.664
Ilocos Region	0.018	0.001	0.003	0.005	0.007	0.364
Cagayan Valley	0.033	0.003	0.004	0.025	0.016	0.832
Central Luzon	0.024	0.004	0.017	0.018	0.016	0.832
CALABARZON	0.025	0.016	0.009	0.054	0.026	1.352
MIMAROPA	0.034	0.006	0.006	0.018	0.016	0.832
Bicol Region	0.040	0.035	0.018	0.030	0.031	1.612
Western Visayas	0.043	0.004	0.011	0.016	0.019	0.988
Central Visayas	0.026	0.007	0.001	0.007	0.010	0.520
Eastern Visayas	0.022	0.007	0.029	0.040	0.025	1.300
Zamboanga Peninsula	0.036	0.024	0.012	0.026	0.025	1.300
Northern Mindanao	0.056	0.050	0.064	0.056	0.057	2.964
Davao Region	0.034	0.012	0.009	0.023	0.020	1.040
SOCCSKSARGEN	0.060	0.039	0.044	0.051	0.049	2.548
Caraga	0.083	0.024	0.026	0.061	0.049	2.548
ARMM	0.028	0.017	0.014	0.012	0.018	0.936

Table 15.23 Papaya (ripe): Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.041	0.045	0.033	0.042	0.040	2.080
NCR	0.014	0.018	0.013	0.017	0.016	0.832
CAR	0.048	0.063	0.076	0.074	0.065	3.380
Ilocos Region	0.026	0.039	0.020	0.033	0.030	1.560
Cagayan Valley	0.044	0.034	0.033	0.044	0.039	2.028
Central Luzon	0.032	0.047	0.037	0.042	0.040	2.080
CALABARZON	0.014	0.039	0.028	0.050	0.033	1.716
MIMAROPA	0.065	0.037	0.040	0.047	0.047	2.444
Bicol Region	0.032	0.035	0.034	0.043	0.036	1.872
Western Visayas	0.042	0.032	0.017	0.034	0.031	1.612
Central Visayas	0.058	0.068	0.032	0.029	0.047	2.444
Eastern Visayas	0.026	0.033	0.021	0.028	0.027	1.404
Zamboanga Peninsula	0.092	0.055	0.068	0.059	0.069	3.588
Northern Mindanao	0.091	0.098	0.066	0.066	0.080	4.160
Davao Region	0.040	0.023	0.021	0.035	0.030	1.560
SOCCSKSARGEN	0.103	0.069	0.073	0.095	0.085	4.420
Caraga	0.049	0.114	0.028	0.047	0.060	3.120
ARMM	0.082	0.074	0.068	0.060	0.071	3.692

Table 15.24 Beef: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.027	0.024	0.021	0.023	0.024	1.248
NCR	0.039	0.037	0.030	0.030	0.034	1.768
CAR	0.031	0.026	0.028	0.028	0.028	1.456
Ilocos Region	0.053	0.059	0.055	0.058	0.056	2.912
Cagayan Valley	0.031	0.036	0.021	0.035	0.031	1.612
Central Luzon	0.016	0.020	0.014	0.016	0.017	0.884
CALABARZON	0.016	0.017	0.016	0.016	0.016	0.832
MIMAROPA	0.012	0.012	0.013	0.013	0.013	0.676
Bicol Region	0.022	0.013	0.010	0.012	0.014	0.728
Western Visayas	0.043	0.028	0.025	0.034	0.033	1.716
Central Visayas	0.016	0.008	0.011	0.010	0.011	0.572
Eastern Visayas	0.008	0.011	0.004	0.009	0.008	0.416
Zamboanga Peninsula	0.027	0.015	0.025	0.022	0.022	1.144
Northern Mindanao	0.030	0.033	0.023	0.021	0.027	1.404
Davao Region	0.009	0.016	0.016	0.017	0.015	0.780
SOCCSKSARGEN	0.042	0.031	0.030	0.028	0.033	1.716
Caraga	0.021	0.014	0.013	0.018	0.017	0.884
ARMM	0.039	0.023	0.020	0.027	0.027	1.404

Table 15.25 Pork: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.172	0.185	0.164	0.184	0.176	9.152
NCR	0.188	0.200	0.203	0.228	0.205	10.660
CAR	0.200	0.201	0.196	0.201	0.200	10.400
Ilocos Region	0.207	0.224	0.183	0.162	0.194	10.088
Cagayan Valley	0.252	0.253	0.204	0.238	0.237	12.324
Central Luzon	0.242	0.237	0.204	0.204	0.222	11.544
CALABARZON	0.218	0.253	0.198	0.218	0.222	11.544
MIMAROPA	0.124	0.127	0.124	0.132	0.127	6.604
Bicol Region	0.224	0.193	0.166	0.216	0.200	10.400
Western Visayas	0.127	0.137	0.155	0.168	0.147	7.644
Central Visayas	0.102	0.129	0.119	0.154	0.126	6.552
Eastern Visayas	0.133	0.157	0.099	0.162	0.138	7.176
Zamboanga Peninsula	0.086	0.098	0.089	0.148	0.105	5.460
Northern Mindanao	0.124	0.150	0.155	0.166	0.149	7.748
Davao Region	0.187	0.217	0.185	0.220	0.202	10.504
SOCCSKSARGEN	0.166	0.164	0.182	0.148	0.165	8.580
Caraga	0.150	0.194	0.135	0.190	0.167	8.684
ARMM	0.008	0.017	0.007	0.012	0.011	0.572

Table 15.26 Carabeef: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.004	0.004	0.003	0.005	0.004	0.208
NCR		0.004			0.001	0.052
CAR	0.007	0.004	0.004	0.002	0.004	0.208
Ilocos Region	0.002	0.002	0.002	0.003	0.002	0.104
Cagayan Valley	0.015	0.011	0.015	0.019	0.015	0.780
Central Luzon		0.001		0.001	0.001	0.052
CALABARZON	0.004	0.006	0.005	0.003	0.005	0.260
MIMAROPA	0.001	0.002	0.001	0.002	0.002	0.104
Bicol Region	0.006	0.004	0.003	0.005	0.005	0.260
Western Visayas	0.004	0.003	0.002	0.003	0.003	0.156
Central Visayas	0.001		0.002	0.002	0.001	0.052
Eastern Visayas	0.017	0.020	0.021	0.021	0.020	1.040
Zamboanga Peninsula		0.002	0.001	0.039	0.011	0.572
Northern Mindanao	0.007	0.002	0.002	0.002	0.003	0.156
Davao Region	0.001		0.001	0.001	0.001	0.052
SOCCSKSARGEN	0.001	0.001	0.001	0.001	0.001	0.052
Caraga	0.003	0.004	0.001	0.005	0.003	0.156
ARMM	0.011	0.009	0.004	0.003	0.007	0.364

Table 15.27 Chevron: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.001	0.001	0.001	0.001	0.001	0.052
NCR						
CAR	0.001	0.003	0.003	0.001	0.002	0.104
Ilocos Region	0.002	0.003	0.003	0.003	0.003	0.156
Cagayan Valley	0.001	0.005		0.001	0.002	0.104
Central Luzon	0.002	0.001	a/	0.002	0.001	0.052
CALABARZON	a/	a/	0.001	a/	a/	a/
MIMAROPA	0.001	a/	0.001	0.001	0.001	0.052
Bicol Region	a/	a/		0.001	a/	a/
Western Visayas	a/	a/		a/	a/	a/
Central Visayas	a/	0.003	a/		0.001	0.052
Eastern Visayas	0.001	0.001			0.001	0.052
Zamboanga Peninsula	0.001	0.001	a/	0.001	0.001	0.052
Northern Mindanao	0.001			a/	a/	a/
Davao Region	0.001	0.001	a/	0.001	0.001	0.052
SOCCSKSARGEN	0.008	0.002	0.003	0.003	0.004	0.208
Caraga	a/	a/		a/	a/	a/
ARMM	0.003	0.001	0.005	0.004	0.003	0.156

a/ Less than 0.001

Table 15.28 Chicken: Estimated per capita consumption, by region, Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.149	0.148	0.147	0.162	0.152	7.904
NCR	0.202	0.212	0.237	0.243	0.224	11.648
CAR	0.185	0.201	0.167	0.185	0.185	9.620
Ilocos Region	0.161	0.137	0.152	0.151	0.150	7.800
Cagayan Valley	0.188	0.177	0.153	0.180	0.175	9.100
Central Luzon	0.210	0.207	0.207	0.225	0.212	11.024
CALABARZON	0.167	0.182	0.173	0.196	0.180	9.360
MIMAROPA	0.091	0.095	0.092	0.098	0.094	4.888
Bicol Region	0.097	0.090	0.086	0.100	0.093	4.836
Western Visayas	0.133	0.110	0.092	0.135	0.118	6.136
Central Visayas	0.078	0.071	0.086	0.099	0.084	4.368
Eastern Visayas	0.082	0.109	0.091	0.122	0.101	5.252
Zamboanga Peninsula	0.088	0.121	0.094	0.115	0.105	5.460
Northern Mindanao	0.163	0.156	0.115	0.119	0.138	7.176
Davao Region	0.145	0.153	0.168	0.165	0.158	8.216
SOCCSKSARGEN	0.132	0.091	0.090	0.091	0.101	5.252
Caraga	0.112	0.117	0.093	0.101	0.106	5.512
ARMM	0.091	0.078	0.082	0.108	0.090	4.680

Table 15.29 Chicken Egg: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.063	0.063	0.059	0.059	0.061	3.172
NCR	0.062	0.055	0.058	0.057	0.058	3.016
CAR	0.073	0.073	0.072	0.070	0.072	3.744
Ilocos Region	0.079	0.071	0.064	0.064	0.070	3.640
Cagayan Valley	0.075	0.066	0.069	0.075	0.071	3.692
Central Luzon	0.090	0.084	0.081	0.085	0.085	4.420
CALABARZON	0.078	0.100	0.077	0.067	0.081	4.212
MIMAROPA	0.049	0.056	0.050	0.045	0.050	2.600
Bicol Region	0.054	0.055	0.044	0.050	0.051	2.652
Western Visayas	0.043	0.041	0.042	0.039	0.041	2.132
Central Visayas	0.053	0.047	0.040	0.040	0.045	2.340
Eastern Visayas	0.041	0.039	0.039	0.080	0.050	2.600
Zamboanga Peninsula	0.040	0.034	0.032	0.042	0.037	1.924
Northern Mindanao	0.061	0.049	0.089	0.074	0.068	3.536
Davao Region	0.072	0.058	0.063	0.058	0.063	3.276
SOCCSKSARGEN	0.051	0.035	0.043	0.045	0.044	2.288
Caraga	0.050	0.097	0.069	0.061	0.069	3.588
ARMM	0.050	0.048	0.038	0.032	0.042	2.184

Table 15.30 Fresh/pasteurized milk: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in liter per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.003	0.002	0.002	0.003	0.003	0.156
NCR	a/	a/	0.002	0.002	0.001	0.052
CAR	0.003	0.003	0.001	0.001	0.002	0.104
Ilocos Region	0.002	0.004			0.002	0.104
Cagayan Valley	a/	a/	0.001	0.001	0.001	0.052
Central Luzon	0.013	0.012	0.011	0.020	0.014	0.728
CALABARZON	0.004	a/	0.001	0.001	0.002	0.104
MIMAROPA	0.002	a/	a/	0.004	0.002	0.104
Bicol Region	0.002	0.001			0.001	0.052
Western Visayas	0.003	a/		a/	0.001	0.052
Central Visayas			0.001	a/	a/	a/
Eastern Visayas	a/				a/	a/
Zamboanga Peninsula	a/	0.005			0.001	0.052
Northern Mindanao	0.002	0.004	0.005	0.010	0.005	0.260
Davao Region	0.003	a/	a/		0.001	0.052
SOCCSKSARGEN	a/		a/		a/	a/
Caraga	0.002	a/	a/		0.001	0.052
ARMM	0.001		0.006	0.005	0.003	0.156

a/ Less than 0.001

Table 15.31 Milkfish: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.087	0.080	0.076	0.079	0.081	4.212
NCR	0.123	0.138	0.119	0.123	0.126	6.552
CAR	0.083	0.099	0.119	0.112	0.103	5.356
Ilocos Region	0.135	0.105	0.129	0.138	0.127	6.604
Cagayan Valley	0.077	0.087	0.077	0.077	0.080	4.160
Central Luzon	0.160	0.132	0.111	0.139	0.136	7.072
CALABARZON	0.114	0.080	0.084	0.080	0.090	4.680
MIMAROPA	0.047	0.030	0.014	0.025	0.029	1.508
Bicol Region	0.015	0.018	0.026	0.022	0.020	1.040
Western Visayas	0.129	0.118	0.105	0.113	0.116	6.032
Central Visayas	0.016	0.017	0.018	0.014	0.016	0.832
Eastern Visayas	0.054	0.053	0.023	0.030	0.040	2.080
Zamboanga Peninsula	0.019	0.023	0.025	0.015	0.021	1.092
Northern Mindanao	0.048	0.031	0.048	0.038	0.041	2.132
Davao Region	0.059	0.073	0.077	0.081	0.073	3.796
SOCCSKSARGEN	0.065	0.045	0.055	0.048	0.053	2.756
Caraga	0.042	0.033	0.047	0.046	0.042	2.184
ARMM	0.017	0.023	0.037	0.027	0.026	1.352

Table 15.32 Tilapia: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.097	0.089	0.087	0.087	0.090	4.680
NCR	0.155	0.129	0.134	0.133	0.138	7.176
CAR	0.115	0.101	0.117	0.125	0.115	5.980
Ilocos Region	0.128	0.095	0.095	0.082	0.100	5.200
Cagayan Valley	0.186	0.180	0.162	0.180	0.177	9.204
Central Luzon	0.188	0.172	0.175	0.167	0.176	9.152
CALABARZON	0.149	0.146	0.127	0.144	0.142	7.384
MIMAROPA	0.045	0.031	0.035	0.033	0.036	1.872
Bicol Region	0.100	0.092	0.077	0.078	0.087	4.524
Western Visayas	0.029	0.028	0.018	0.023	0.025	1.300
Central Visayas	0.004	0.008	0.012	0.010	0.009	0.468
Eastern Visayas	0.002	0.003	0.003	0.002	0.003	0.156
Zamboanga Peninsula	0.008	0.012	0.005	0.010	0.009	0.468
Northern Mindanao	0.032	0.020	0.037	0.035	0.031	1.612
Davao Region	0.015	0.030	0.039	0.039	0.031	1.612
SOCCSKSARGEN	0.147	0.128	0.136	0.113	0.131	6.812
Caraga	0.022	0.009	0.014	0.018	0.016	0.832
ARMM	0.045	0.050	0.051	0.052	0.050	2.600

Table 15.33 Roundscad: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.097	0.090	0.110	0.113	0.103	5.356
NCR	0.096	0.108	0.127	0.127	0.115	5.980
CAR	0.052	0.031	0.049	0.054	0.047	2.444
Ilocos Region	0.070	0.063	0.088	0.097	0.080	4.160
Cagayan Valley	0.073	0.050	0.058	0.064	0.061	3.172
Central Luzon	0.086	0.065	0.077	0.082	0.078	4.056
CALABARZON	0.103	0.106	0.126	0.136	0.118	6.136
MIMAROPA	0.095	0.105	0.133	0.155	0.122	6.344
Bicol Region	0.107	0.101	0.128	0.128	0.116	6.032
Western Visayas	0.045	0.046	0.103	0.102	0.074	3.848
Central Visayas	0.071	0.076	0.080	0.113	0.085	4.420
Eastern Visayas	0.173	0.163	0.149	0.133	0.155	8.060
Zamboanga Peninsula	0.155	0.128	0.120	0.099	0.126	6.552
Northern Mindanao	0.111	0.113	0.128	0.118	0.118	6.136
Davao Region	0.080	0.064	0.150	0.146	0.110	5.720
SOCCSKSARGEN	0.125	0.100	0.124	0.107	0.114	5.928
Caraga	0.054	0.052	0.055	0.056	0.054	2.808
ARMM	0.183	0.133	0.112	0.117	0.136	7.072

Table 15.34 Bihon: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.021	0.024	0.015	0.019	0.020	1.040
NCR	0.007	0.006	0.006	0.007	0.007	0.364
CAR	0.013	0.019	0.013	0.016	0.015	0.780
Ilocos Region	0.013	0.022	0.013	0.011	0.015	0.780
Cagayan Valley	0.024	0.022	0.008	0.014	0.017	0.884
Central Luzon	0.018	0.020	0.014	0.015	0.017	0.884
CALABARZON	0.016	0.024	0.011	0.017	0.017	0.884
MIMAROPA	0.021	0.016	0.008	0.017	0.016	0.832
Bicol Region	0.032	0.030	0.018	0.017	0.024	1.248
Western Visayas	0.038	0.036	0.015	0.029	0.030	1.560
Central Visayas	0.029	0.036	0.015	0.022	0.026	1.352
Eastern Visayas	0.018	0.020	0.011	0.019	0.017	0.884
Zamboanga Peninsula	0.027	0.032	0.026	0.023	0.027	1.404
Northern Mindanao	0.027	0.021	0.029	0.027	0.026	1.352
Davao Region	0.025	0.030	0.022	0.025	0.026	1.352
SOCCSKSARGEN	0.039	0.036	0.031	0.033	0.035	1.820
Caraga	0.036	0.037	0.025	0.031	0.032	1.664
ARMM	0.021	0.035	0.024	0.027	0.027	1.404

Table 15.35 Pasta: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.005	0.006	0.003	0.005	0.005	0.260
NCR	0.005	0.004	0.002	0.005	0.004	0.208
CAR	0.003	0.004	0.004	0.003	0.004	0.208
Ilocos Region	0.004	0.006	0.001	0.005	0.004	0.208
Cagayan Valley	0.006	0.004	0.001	0.001	0.003	0.156
Central Luzon	0.011	0.012	0.006	0.011	0.010	0.520
CALABARZON	0.010	0.013	0.010	0.016	0.012	0.624
MIMAROPA	0.005	0.002	0.001	0.002	0.003	0.156
Bicol Region	0.004	0.005	0.001	0.001	0.003	0.156
Western Visayas	0.006	0.009	0.001	0.004	0.005	0.260
Central Visayas	0.002	0.002	0.001	0.004	0.002	0.104
Eastern Visayas	0.001	a/	0.001	0.002	0.001	0.052
Zamboanga Peninsula	0.001	0.001		0.002	0.001	0.052
Northern Mindanao	0.004	0.002	0.003	0.004	0.003	0.156
Davao Region	0.001	0.002	0.001	0.001	0.001	0.052
SOCCSKSARGEN	0.003	0.002	0.002	0.003	0.003	0.156
Caraga	0.001	0.006	a/	0.003	0.003	0.156
ARMM	0.001	0.001	0.001	a/	0.001	0.052

a/ Less than 0.001

Table 15.36 Canton: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.009	0.009	0.008	0.009	0.009	0.468
NCR	0.007	0.001	0.006	0.006	0.005	0.260
CAR	0.010	0.017	0.011	0.011	0.012	0.624
Ilocos Region	0.007	0.008	0.006	0.004	0.006	0.312
Cagayan Valley	0.021	0.013	0.012	0.014	0.015	0.780
Central Luzon	0.006	0.012	0.008	0.010	0.009	0.468
CALABARZON	0.005	0.007	0.008	0.011	0.008	0.416
MIMAROPA	0.006	0.005	0.003	0.004	0.005	0.260
Bicol Region	0.016	0.012	0.011	0.011	0.013	0.676
Western Visayas	0.015	0.013	0.010	0.011	0.012	0.624
Central Visayas	0.003	0.012	0.005	0.008	0.007	0.364
Eastern Visayas	0.004	0.003	0.007	0.008	0.006	0.312
Zamboanga Peninsula	0.008	0.011	0.007	0.005	0.008	0.416
Northern Mindanao	0.010	0.007	0.005	0.004	0.007	0.364
Davao Region	0.006	0.004	0.004	0.006	0.005	0.260
SOCCSKSARGEN	0.010	0.010	0.008	0.012	0.010	0.520
Caraga	0.005	0.004	0.010	0.005	0.006	0.312
ARMM	0.018	0.026	0.018	0.021	0.021	1.092



Table 15.37 Fresh Miki: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.011	0.008	0.010	0.011	0.010	0.520
NCR	0.004	a/	a/	a/	0.001	0.052
CAR	0.002	0.002	0.003	0.004	0.003	0.156
Ilocos Region	0.007	0.004	0.002	0.002	0.004	0.208
Cagayan Valley	0.029	0.028	0.022	0.025	0.026	1.352
Central Luzon	0.003	0.002	0.002	0.004	0.003	0.156
CALABARZON	0.015	0.007	0.008	0.015	0.011	0.572
MIMAROPA	0.015	0.010	0.010	0.009	0.011	0.572
Bicol Region	0.006	0.002	0.003	0.005	0.004	0.208
Western Visayas	0.011	0.006	0.009	0.007	0.008	0.416
Central Visayas	0.006	0.008	0.033	0.024	0.018	0.936
Eastern Visayas	0.007	0.010	0.008	0.012	0.009	0.468
Zamboanga Peninsula	0.020	0.026	0.030	0.027	0.026	1.352
Northern Mindanao	0.022	0.018	0.025	0.029	0.024	1.248
Davao Region	0.027	0.023	0.016	0.020	0.022	1.144
SOCCSKSARGEN	0.022	0.010	0.011	0.011	0.014	0.728
Caraga	0.024	0.022	0.014	0.021	0.020	1.040
ARMM	0.001	0.003	0.009	0.008	0.005	0.260

a/ Less than 0.001

Table 15.38 Instant Noodles: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.060	0.053	0.054	0.054	0.055	2.860
NCR	0.069	0.052	0.065	0.064	0.063	3.276
CAR	0.073	0.077	0.065	0.067	0.071	3.692
Ilocos Region	0.086	0.070	0.079	0.080	0.079	4.108
Cagayan Valley	0.066	0.079	0.057	0.058	0.065	3.380
Central Luzon	0.076	0.065	0.062	0.065	0.067	3.484
CALABARZON	0.066	0.057	0.059	0.063	0.061	3.172
MIMAROPA	0.040	0.041	0.039	0.035	0.039	2.028
Bicol Region	0.073	0.055	0.064	0.062	0.064	3.328
Western Visayas	0.056	0.045	0.048	0.050	0.050	2.600
Central Visayas	0.044	0.033	0.045	0.042	0.041	2.132
Eastern Visayas	0.035	0.040	0.030	0.034	0.035	1.820
Zamboanga Peninsula	0.037	0.042	0.034	0.026	0.035	1.820
Northern Mindanao	0.051	0.032	0.036	0.035	0.039	2.028
Davao Region	0.044	0.051	0.054	0.051	0.050	2.600
SOCCSKSARGEN	0.063	0.049	0.037	0.038	0.047	2.444
Caraga	0.056	0.056	0.053	0.052	0.054	2.808
ARMM	0.036	0.046	0.032	0.035	0.037	1.924

Table 15.39 Pandesal: Estimated per capita consumption, by region,  
Philippines, 2008-2009

(in kilogram per person)

Region	Weekly					Annual
	Aug 2008	Nov 2008	Feb 2009	May 2009	Average	
Philippines	0.079	0.065	0.083	0.091	0.080	4.160
NCR	0.126	0.105	0.102	0.129	0.116	6.032
CAR	0.042	0.028	0.035	0.046	0.038	1.976
Ilocos Region	0.062	0.062	0.062	0.066	0.063	3.276
Cagayan Valley	0.060	0.046	0.059	0.063	0.057	2.964
Central Luzon	0.074	0.075	0.109	0.097	0.089	4.628
CALABARZON	0.105	0.078	0.145	0.134	0.116	6.032
MIMAROPA	0.033	0.032	0.028	0.030	0.031	1.612
Bicol Region	0.115	0.080	0.111	0.119	0.106	5.512
Western Visayas	0.082	0.063	0.090	0.088	0.081	4.212
Central Visayas	0.069	0.043	0.071	0.072	0.064	3.328
Eastern Visayas	0.080	0.062	0.062	0.074	0.070	3.640
Zamboanga Peninsula	0.070	0.052	0.053	0.069	0.061	3.172
Northern Mindanao	0.032	0.047	0.030	0.037	0.037	1.924
Davao Region	0.039	0.019	0.034	0.051	0.036	1.872
SOCCSKSARGEN	0.050	0.019	0.033	0.039	0.035	1.820
Caraga	0.042	0.033	0.046	0.049	0.043	2.236
ARMM	0.057	0.068	0.059	0.116	0.075	3.900

Table 16.1 Percentage of households who ate corn in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	2.11	1.99	1.96	0.65
NCR			0.01	
CAR	0.13	0.10	0.04	0.02
Ilocos Region	0.02			0.03
Cagayan Valley	0.88	0.39	0.35	0.16
Central Luzon	0.08	0.16		1.69
CALABARZON	0.38	0.33	0.40	0.50
MIMAROPA	0.19			0.35
Bicol Region	2.12	0.55	0.57	3.56
Western Visayas	0.19	0.11	0.11	0.05
Central Visayas	13.65	15.27	14.88	1.06
Eastern Visayas	1.29	1.35	1.32	0.25
Zamboanga Peninsula	9.98	10.64	10.73	0.39
Northern Mindanao	2.96	3.21	3.32	0.02
Davao Region	2.57	2.42	2.24	0.01
SOCCSKSARGEN	3.93	3.57	3.13	0.22
Caraga	3.75	3.85	3.85	0.15
ARMM	2.68	0.09	0.51	1.01

Table 16.2 Percentage of households who ate camote in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	2.34	0.59	0.53	2.38
NCR	0.07	0.08	0.03	0.02
CAR	0.31	0.17	0.23	0.21
Ilocos Region	0.19		0.05	0.11
Cagayan Valley	1.55	0.26	0.58	0.83
Central Luzon	0.94		0.43	1.90
CALABARZON	0.68	0.09	0.25	0.82
MIMAROPA	3.69	0.36	0.22	2.02
Bicol Region	13.46	0.22	0.53	19.62
Western Visayas	1.29	0.02	0.07	0.09
Central Visayas	0.22	0.40	0.31	2.48
Eastern Visayas	10.33	3.99	5.25	8.86
Zamboanga Peninsula	0.98	2.47	0.47	2.16
Northern Mindanao	1.26	1.23	0.55	0.19
Davao Region	1.63	0.26	0.11	0.81
SOCCSKSARGEN	1.75	0.67	0.03	1.81
Caraga	5.77	5.68	4.29	5.22
ARMM	8.87	0.99	0.17	3.97

Table 16.3 Percentage of households who ate cassava in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	2.23	0.97	0.72	1.96
NCR	0.11	0.02	a/	0.01
CAR	0.43	0.05	0.08	0.05
Ilocos Region	0.99	0.14	0.11	0.16
Cagayan Valley	0.96	0.31	0.28	0.76
Central Luzon	0.79	0.05	0.11	1.63
CALABARZON	0.67	0.17	0.29	0.81
MIMAROPA	2.32	0.05	0.41	1.48
Bicol Region	12.12	0.41	0.55	13.23
Western Visayas	1.22	0.02	0.19	0.23
Central Visayas	0.27	0.59	0.46	1.62
Eastern Visayas	8.98	4.98	4.68	6.97
Zamboanga Peninsula	1.32	3.27	0.49	2.33
Northern Mindanao	0.44	1.03	0.46	0.31
Davao Region	0.62	0.34	0.13	0.57
SOCCSKSARGEN	2.48	1.47	0.21	1.25
Caraga	4.30	4.56	3.60	3.62
ARMM	7.98	6.41	4.68	2.77

a/ Less than 0.01

Table 16.4 Percentage of households who ate gabi in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	0.53	0.28	0.17	0.57
NCR	0.01			
CAR	0.01	0.05	0.04	0.09
Ilocos Region	0.02			0.02
Cagayan Valley	0.48	0.04	0.08	0.49
Central Luzon	0.09			0.25
CALABARZON	0.22	0.04	0.07	0.19
MIMAROPA	0.80	0.03	0.06	0.29
Bicol Region	1.10	0.12	0.08	2.16
Western Visayas	0.40	0.02	0.03	0.03
Central Visayas	0.14	0.19	0.12	0.31
Eastern Visayas	3.10	1.95	1.87	3.66
Zamboanga Peninsula	0.89	2.10	0.52	0.53
Northern Mindanao	0.22	0.29	0.04	0.03
Davao Region	0.79	0.21	0.04	0.55
SOCCSKSARGEN	0.64	0.30		0.24
Caraga	1.74	1.54	1.17	2.05
ARMM	1.28	0.29	0.27	1.61

Table 16.5 Percentage of households who ate white potato in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	0.04	0.05	0.02	0.04
NCR		0.01		
CAR	0.04			
Ilocos Region				
Cagayan Valley	0.03			
Central Luzon	0.14			0.19
CALABARZON	0.03	0.18		0.05
MIMAROPA		0.06	0.03	-
Bicol Region		0.09	0.01	0.03
Western Visayas				
Central Visayas				
Eastern Visayas	0.30	0.33	0.33	0.29
Zamboanga Peninsula				
Northern Mindanao				
Davao Region				
SOCCSKSARGEN	0.03			
Caraga				
ARMM		0.04	0.04	

Table 16.6 Percentage of households who ate banana in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	2.02	0.65	0.31	1.76
NCR	0.34			0.18
CAR	0.14	0.16	0.06	0.08
Ilocos Region	0.37		0.01	0.41
Cagayan Valley	1.39	0.18	0.15	0.88
Central Luzon	1.44	0.12	0.57	1.41
CALABARZON	1.21	0.10	0.13	1.31
MIMAROPA	7.14	0.10	0.26	5.13
Bicol Region	6.71	0.49	0.15	6.80
Western Visayas	1.39	0.33	0.26	0.50
Central Visayas	0.92	0.35	0.46	1.40
Eastern Visayas	3.23	0.84	0.75	2.31
Zamboanga Peninsula	1.57	5.27	0.52	4.23
Northern Mindanao	2.29	2.01	0.82	0.30
Davao Region	2.69	1.00	0.37	1.63
SOCCSKSARGEN	4.08	2.05	0.15	2.18
Caraga	1.34	1.32	0.65	2.00
ARMM	4.63	1.40	0.67	4.63

Table 16.7 Percentage of households who ate noodles in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	4.45	0.16	0.40	1.17
NCR	0.24	0.10	0.30	a/
CAR	1.13	0.52	0.12	0.02
Ilocos Region	3.86		0.02	0.03
Cagayan Valley	5.98	ε	0.08	0.56
Central Luzon	11.54	0.24	0.55	2.84
CALABARZON	1.62			0.92
MIMAROPA	4.58	0.03	0.40	0.32
Bicol Region	15.98	0.80	2.80	4.58
Western Visayas	1.68	0.16	0.18	0.38
Central Visayas		0.04		
Eastern Visayas	2.84	0.02	0.51	0.76
Zamboanga Peninsula	0.55	0.07	0.06	0.06
Northern Mindanao	0.11	0.02	0.11	0.01
Davao Region	0.19	0.01		0.03
SOCCSKSARGEN	0.74	0.20	0.02	0.20
Caraga	3.43	0.41	0.28	0.15
ARMM	1.45	0.20	0.03	1.32

a/ Less than 0.01

Table 16.8 Percentage of households who ate bread in place of rice during meals, by region, Philippines, 2008-2009

Region	Breakfast	Lunch	Dinner	Snack
Philippines	9.81	0.12	0.44	5.53
NCR	3.06	0.19	0.47	0.57
CAR	3.54	0.19	0.07	0.04
Ilocos Region	8.51		0.09	2.86
Cagayan Valley	8.55	0.02	0.01	1.58
Central Luzon	29.34	0.13	1.48	9.78
CALABARZON	7.65	0.28	1.10	2.70
MIMAROPA	8.99	0.03	0.27	4.90
Bicol Region	35.85	0.03	0.16	26.31
Western Visayas	3.29	0.03	0.04	0.45
Central Visayas	1.08		0.01	4.96
Eastern Visayas	15.65	0.34	0.47	17.12
Zamboanga Peninsula	0.50	0.07	0.06	2.33
Northern Mindanao	0.65	0.12	0.04	0.11
Davao Region	1.15	0.04		1.98
SOCCSKSARGEN	1.67	0.01		3.66
Caraga	7.28	0.05	0.03	11.57
ARMM	9.36	0.22	0.07	8.00

Table 17. Percentage distribution of households by main reason for rice substitution and region, Philippines, 2008-2009

Region	Rice available but cannot afford to buy	Rice not available although can afford to buy	Rice not available and cannot afford to buy	Residence far from the source of rice	Availability of substitute	Affordability of substitute	Preference for other food	Others a/
Philippines	22.38	3.92	1.10	2.87	8.50	28.62	19.62	12.99
NCR	48.95	0.53	1.33	0.37	12.30	17.73	9.58	9.23
CAR	22.86	1.42	1.00	1.26	0.52	3.38	54.77	14.79
Ilocos	7.12	1.87	1.03	0.39	2.64	48.63	4.52	33.82
Cagayan Valley	24.64	6.81	1.93	0.79	4.89	25.92	23.33	11.69
Central Luzon	8.46	8.14	0.85	0.27	3.03	28.26	24.00	26.99
CALABARZON	20.95	1.74	0.07	0.69	0.25	31.19	32.52	12.59
MIMAROPA	9.45	0.56	0.58	2.17	6.65	53.83	23.28	3.48
Bicol Region	14.90	2.79	1.49	0.65	3.56	32.74	28.46	15.41
Western Visayas	36.27	1.85	0.34	2.94	1.44	38.31	9.59	9.27
Central Visayas	18.94	0.92	0.44	4.19	40.27	17.05	16.39	1.80
Eastern Visayas	35.14	1.02	1.31	5.04	14.71	17.41	18.22	7.15
Zamboanga Peninsula	47.38	6.96	1.79	1.74	15.03	19.54	5.00	2.55
Northern Mindanao	53.98	4.08	0.97	8.23	7.55	14.58	6.23	4.39
Davao Region	48.97	6.35	6.26	5.85	7.47	17.28	6.94	0.88
SOCCSKSARGEN	45.00	1.47	2.37	7.50	6.61	24.17	10.79	2.09
Caraga	35.49	2.30	2.63	1.01	8.13	43.18	4.18	3.07
ARMM	44.43	9.09	0.62	19.08	3.06	6.86	16.22	0.64

a/ Time constraint and no viand

Table 18.1 Average quantity of rice that was spoiled/wasted,  
by region, Philippines, 2008-2009

(in gram per household)

REGION	Weekly				Average	Annual
	August 2008	November 2008	February 2009	May 2009		
Philippines	51.72	34.13	33.97	39.34	39.79	2,069.18
NCR	31.86	7.49	8.15	13.17	15.17	788.68
CAR	113.84	39.67	22.12	17.58	48.30	2,511.76
Ilocos Region	22.29	27.27	51.48	39.09	35.03	1,821.66
Cagayan Valley	51.15	23.69	14.97	22.72	28.13	1,462.76
Central Luzon	48.51	28.62	35.96	57.00	42.52	2,211.14
CALABARZON	33.55	23.73	15.27	18.53	22.77	1,183.99
MIMAROPA	38.68	42.76	30.55	32.76	36.19	1,881.83
Bicol Region	98.60	44.79	32.07	31.79	51.81	2,694.17
Western Visayas	89.98	60.29	23.20	26.64	50.03	2,601.56
Central Visayas	32.75	8.46	125.06	157.89	81.04	4,213.98
Eastern Visayas	54.01	101.12	38.52	25.75	54.85	2,852.25
Zamboanga Peninsula	34.01	34.59	2.56	8.68	19.96	1,037.87
Northern Mindanao	46.60	27.06	39.13	32.88	36.42	1,893.68
Davao Region	77.94	48.25	49.79	61.25	59.31	3,084.07
SOCCSKSARGEN	39.26	28.10	22.25	18.27	26.97	1,402.49
Caraga	70.28	67.79	42.54	43.11	55.93	2,908.36
ARMM	72.69	55.73	59.84	60.27	62.13	3,230.86

Table 18.2 Average quantity of rice leftovers that were fed to pets/animals,  
by region, Philippines, 2008-2009

(in gram per household)

REGION	Weekly				Average	Annual
	August 2008	November 2008	February 2009	May 2009		
Philippines	349.66	312.51	273.60	306.88	310.66	16,154.53
NCR	100.46	69.16	6.33	6.97	45.73	2,377.96
CAR	1,145.58	969.68	595.93	593.81	826.25	42,964.90
Ilocos Region	570.63	486.98	491.03	484.19	508.21	26,426.82
Cagayan Valley	751.21	477.58	417.71	461.64	527.04	27,406.03
Central Luzon	317.38	286.70	305.18	335.37	311.16	16,180.27
CALABARZON	321.47	350.99	295.42	297.84	316.43	16,454.20
MIMAROPA	404.29	446.93	372.43	374.13	399.44	20,771.09
Bicol Region	451.49	255.32	223.26	242.18	293.06	15,239.28
Western Visayas	550.56	394.36	400.91	400.93	436.69	22,707.83
Central Visayas	262.90	329.96	317.21	411.37	330.36	17,178.77
Eastern Visayas	274.63	292.42	316.50	344.41	306.99	15,963.43
Zamboanga Peninsula	274.77	299.43	195.20	758.95	382.09	19,868.47
Northern Mindanao	273.83	325.21	316.06	262.93	294.51	15,314.42
Davao Region	385.13	238.72	225.12	231.44	270.10	14,045.36
SOCCSKSARGEN	482.46	545.91	440.68	449.06	479.53	24,935.46
Caraga	290.21	473.10	321.34	365.45	362.53	18,851.30
ARMM	62.66	68.21	49.19	44.69	56.19	2,921.78



Table 18.3 Average quantity of rice that was purposely cooked for pets/animals, by region, Philippines, 2008-2009

(in gram per household)

REGION	Weekly				Average	Annual
	August 2008	November 2008	February 2009	May 2009		
Philippines	49.87	41.42	38.57	40.65	42.63	2,216.60
NCR	1.66	13.23	38.18	57.05	27.53	1,431.61
CAR	63.43	23.04	7.47	40.40	33.59	1,746.47
Ilocos Region	85.94	53.67	26.51	48.60	53.68	2,791.41
Cagayan Valley	74.37	230.59	37.08	6.04	87.02	4,525.14
Central Luzon	43.45	112.86	85.20	79.43	80.23	4,172.17
CALABARZON	18.71	11.19	11.87	16.22	14.50	754.00
MIMAROPA	101.65	41.57	45.52	51.50	60.06	3,123.17
Bicol Region	44.58	16.92	6.73	16.69	21.23	1,103.96
Western Visayas	78.68	29.51	101.18	47.91	64.32	3,344.69
Central Visayas	121.75	57.18	0.68	2.55	45.54	2,368.13
Eastern Visayas	58.98	5.23	47.98	71.23	45.86	2,384.46
Zamboanga Peninsula	28.14	26.44	5.41	2.23	15.56	808.86
Northern Mindanao	29.39	19.70	76.71	80.60	51.60	2,683.25
Davao Region	53.37	27.63	54.14	70.67	51.45	2,675.35
SOCCSKSARGEN	162.47	45.62	10.96	19.29	59.58	3,098.32
Caraga	35.09	7.41	2.26	10.52	13.82	718.48
ARMM	0.64		4.33	5.18	2.54	132.03

Table 18.4 Average quantity of corn that was spoiled/wasted, by region, Philippines, 2008-2009

(in gram per household)

REGION	Weekly				Average	Annual
	August 2008	November 2008	February 2009	May 2009		
Philippines	2.09	1.06	1.48	0.78	1.35	70.36
NCR						
CAR	1.12		0.54	0.78	0.61	31.67
Ilocos Region						
Cagayan Valley						
Central Luzon						
CALABARZON	0.19		7.34		1.88	97.86
MIMAROPA						
Bicol Region	7.37				1.84	95.84
Western Visayas	0.33	2.58		0.25	0.79	41.08
Central Visayas	1.05	4.45	0.37	4.55	2.61	135.46
Eastern Visayas	0.02	0.20			0.05	2.76
Zamboanga Peninsula	11.50	5.39	1.54	2.60	5.26	273.26
Northern Mindanao	16.00	1.76	1.61	2.53	5.48	284.80
Davao Region	7.30	1.23	6.33	3.57	4.61	239.62
SOCCSKSARGEN	0.36	0.71			0.27	13.94
Caraga	2.79	8.63	1.09	2.43	3.73	194.17
ARMM	0.16				0.04	2.13

Table 18.5 Average quantity of corn leftovers that were fed to pets/animals, by region, Philippines, 2008-2009

(in gram per household)

REGION	Weekly				Average	Annual
	August 2008	November 2008	February 2009	May 2009		
Philippines	19.54	15.73	10.39	12.82	14.62	760.19
NCR						
CAR	53.71	17.56	62.63	81.25	53.79	2,796.98
Ilocos Region	1.15				0.29	14.92
Cagayan Valley	3.34	10.13	7.55	59.51	20.13	1,046.97
Central Luzon	0.01				a/	0.16
CALABARZON						
MIMAROPA	2.19	0.71			0.73	37.70
Bicol Region	0.78	0.65	0.23	0.46	0.53	27.61
Western Visayas	3.01	1.00	2.68	3.01	2.43	126.10
Central Visayas	104.31	96.05	26.78	30.50	64.41	3,349.27
Eastern Visayas	1.41	0.30	2.21	1.15	1.27	65.94
Zamboanga Peninsula	86.54	77.07	40.35	39.26	60.81	3,161.86
Northern Mindanao	65.92	81.30	70.91	70.50	72.16	3,752.11
Davao Region	88.48	44.22	36.28	39.35	52.08	2,708.21
SOCCSKSARGEN	29.60	14.24	9.67	9.97	15.87	825.34
Caraga	18.05	8.26	5.20	2.90	8.60	447.30
ARMM			0.74	0.58	0.33	17.16

a/ Less than 0.001

Table 18.6 Average quantity of corn that was purposely cooked for pets/animals, by region, Philippines, 2008-2009

(in gram per household)

REGION	Weekly				Average	Annual
	August 2008	November 2008	February 2009	May 2009		
Philippines	8.58	8.96	3.10	4.65	6.33	328.90
NCR						
CAR	17.06		17.26	16.77	12.77	664.25
Ilocos Region	1.85		2.35	3.30	1.87	97.45
Cagayan Valley	0.34	20.48	0.52	1.06	5.60	291.20
Central Luzon						
CALABARZON	4.70				1.18	61.10
MIMAROPA	6.63				1.66	86.22
Bicol Region	10.34	2.77	0.93	0.18	3.56	184.91
Western Visayas	2.36	11.09			3.36	174.82
Central Visayas	19.83	10.00	13.25	13.65	14.18	737.57
Eastern Visayas						
Zamboanga Peninsula	7.72	3.73	5.68	1.38	4.63	240.66
Northern Mindanao	50.52	124.15	2.62	53.06	57.59	2,994.63
Davao Region	23.60	10.94	17.56	5.49	14.40	748.70
SOCCSKSARGEN	46.35	7.82	6.55		15.18	789.36
Caraga	1.17	0.79			0.49	25.48
ARMM		0.88	6.44	13.51	5.21	270.66

Table 19. Estimated annual per capita consumption by commodity and socio-economic class, Philippines, 2008-2009

(in kilogram per person)

Commodity	All Classes	Socio-Economic Class			
		AB	C	D	E
Rice (plain)	119.080	118.560	122.616	121.368	111.384
Corn	7.072	0.572	2.184	6.656	13.364
Camote	4.056	2.288	3.380	4.108	4.836
Cassava	3.120	0.936	1.924	3.172	4.316
Gabi	1.040	0.728	0.988	1.040	1.196
White Potato	0.728	2.600	1.404	0.520	0.260
Cabbage	1.300	3.016	2.184	1.144	0.624
Pechay	0.884	1.664	1.300	0.832	0.572
Ampalaya	2.548	4.160	3.432	2.444	1.664
Eggplant	4.212	4.680	4.732	4.212	3.692
Chayote	1.508	1.924	2.080	1.404	1.248
Okra	1.300	1.404	1.456	1.248	1.144
Squash	2.444	3.432	2.860	2.288	2.184
Tomato	2.600	4.680	3.536	2.496	1.664
Stringbeans	2.288	2.028	2.444	2.340	2.080
Habitchuelas	0.260	0.468	0.468	0.208	0.104
Mongo	0.832	0.884	0.884	0.780	0.728
Onion	1.924	3.068	2.496	1.820	1.352
Garlic	1.300	2.080	1.820	1.196	0.884
Banana	16.692	19.500	19.708	16.224	14.560
Mango (ripe)	3.172	6.188	4.992	2.756	1.872
Pineapple	1.196	2.184	2.028	1.040	0.676
Papaya (ripe)	2.080	2.912	2.600	2.028	1.664
Beef	1.248	4.784	2.496	0.832	0.364
Pork	9.152	18.096	13.936	8.476	5.096
Carabeef	0.208	0.468	0.260	0.260	0.052
Chevon	0.052	0.104	0.104	0.052	a/
Chicken	7.852	15.496	11.856	7.280	4.420
Chicken Egg	3.172	5.356	4.472	2.912	2.236
Fresh/pasteurized milk*	0.156	0.520	0.364	0.052	0.052
Milkfish	4.212	9.568	6.864	3.744	1.872
Tilapia	4.680	8.216	6.760	4.368	2.964
Roundscad	5.356	4.368	5.096	5.668	5.044
Bihon	1.040	1.404	1.352	0.988	0.780
Pasta	0.260	1.092	0.416	0.208	0.052
Canton	0.468	1.040	0.676	0.416	0.260
Fresh miki	0.520	0.572	0.520	0.572	0.364
Instant Noodles	2.860	3.224	3.224	2.860	2.444
Pandesal	4.160	4.524	5.252	4.108	3.172

\* in liter per person

a/ less than 0.001

Table 20. Estimated annual per capita consumption by commodity and annual income class, Philippines, 2008-2009

(in kilogram per person)

Commodity	≤ P80,000	P80,001 to P135,000	P135,001 to P500,000	P500,001 to P1,000,000	> P 1,000,000
Rice (plain)	118.662	120.657	119.702	120.011	122.123
Corn	13.587	6.128	3.208	1.823	0.946
Camote	5.595	4.057	3.191	3.224	2.270
Cassava	4.809	2.621	2.265	2.325	0.791
Gabi	1.498	0.999	0.863	0.935	0.364
White Potato	0.310	0.561	1.262	1.486	1.245
Cabbage	0.720	1.117	1.882	2.290	1.928
Pechay	0.642	0.828	1.118	1.432	1.113
Ampalaya	2.083	2.594	2.960	3.644	3.358
Eggplant	3.999	4.466	4.428	4.387	4.267
Chayote	1.095	1.300	1.796	1.879	1.734
Okra	1.358	1.288	1.253	1.303	1.063
Squash	2.564	2.358	2.361	2.940	2.952
Tomato	1.901	2.626	3.336	3.808	3.713
Stringbeans	2.449	2.503	2.288	2.202	2.010
Habitchuelas	0.158	0.224	0.377	0.348	0.524
Mongo	0.790	0.849	0.809	0.738	0.635
Onion	1.484	1.838	2.238	2.601	2.521
Garlic	0.966	1.155	1.574	1.834	1.821
Banana	17.178	16.487	17.132	19.052	17.653
Mango (ripe)	2.313	3.030	4.052	3.432	4.712
Pineapple	1.033	1.127	1.624	1.797	1.428
Papaya (ripe)	0.647	0.982	1.743	3.250	3.206
Beef	6.128	8.729	12.072	12.914	14.879
Pork	0.139	0.303	0.250	0.344	0.393
Carabeef	2.296	1.968	2.285	2.457	1.466
Chevon	0.037	0.048	0.086	0.058	0.055
Chicken	4.994	7.027	10.383	11.098	12.164
Chicken Egg	2.361	3.064	4.007	4.173	4.655
Fresh/pasteurized milk*	0.102	0.061	0.239	0.459	0.551
Milkfish	2.214	3.961	5.695	6.662	7.537
Tilapia	3.041	4.580	6.245	6.214	5.950
Roundscad	4.962	5.436	5.085	5.942	4.426
Bihon	0.944	1.067	1.224	1.263	0.891
Pasta	0.104	0.180	0.439	0.658	0.533
Canton	0.346	0.472	0.552	0.664	0.445
Fresh miki	0.446	0.668	0.654	0.401	0.381
Instant noodles	2.562	2.937	3.090	3.059	2.600
Pandesal	2.801	4.038	4.890	4.697	4.497

\* In liter per person

Table 21. Estimated annual per capita consumption by commodity and household size, Philippines, 2008-2009

(in kilogram per person)

Commodity	1 - 3	4 - 5	6 - 7	8 - 9	10 - 11	12 and Above
Rice (plain)	130.136	120.489	116.886	116.128	113.694	110.810
Corn	6.469	6.327	7.258	9.430	6.653	4.523
Camote	5.565	4.140	3.604	3.873	3.670	4.043
Cassava	3.221	3.000	2.861	3.390	3.587	3.641
Gabi	1.280	1.091	0.992	0.993	0.814	0.588
White Potato	0.852	0.807	0.767	0.558	0.560	0.370
Cabbage	1.507	1.424	1.246	1.171	1.026	1.078
Pechay	1.074	0.941	0.897	0.783	0.773	0.735
Ampalaya	3.472	2.720	2.485	2.002	1.825	1.946
Eggplant	5.376	4.665	4.160	3.313	3.114	2.781
Chayote	1.661	1.615	1.402	1.440	1.559	1.597
Okra	1.746	1.429	1.188	0.960	1.065	0.683
Squash	3.069	2.522	2.409	2.154	1.996	1.649
Tomato	3.646	2.993	2.397	2.051	1.655	1.769
Stringbeans	2.855	2.505	2.174	2.083	1.684	1.465
Habitchuelas	0.279	0.246	0.302	0.189	0.193	0.160
Mongo	0.946	0.834	0.773	0.768	0.705	0.736
Onion	2.584	2.175	1.747	1.537	1.251	1.168
Garlic	1.965	1.444	1.146	0.953	1.028	0.791
Banana	24.050	18.653	14.530	13.849	12.903	10.704
Mango (ripe)	4.478	3.635	2.867	2.240	2.118	2.182
Pineapple	1.820	1.386	1.064	0.874	0.792	0.854
Papaya (ripe)	3.076	2.138	2.050	1.601	1.719	1.587
Beef	1.491	1.309	1.220	1.022	0.926	1.213
Pork	11.754	10.313	8.502	7.287	7.083	7.649
Carabeef	0.208	0.224	0.162	0.256	0.214	0.277
Chevon	0.070	0.056	0.046	0.050	0.044	0.011
Chicken	10.271	8.813	7.364	6.331	5.772	6.049
Chicken Egg	4.084	3.584	2.984	2.310	2.416	3.139
Fresh/pasteurized milk*	0.256	0.171	0.101	0.067	0.192	0.072
Milkfish	5.845	4.754	3.877	2.979	2.845	3.619
Tilapia	6.059	5.230	4.635	3.590	3.125	3.261
Roundscad	7.220	5.535	5.076	4.604	4.259	4.618
Bihon	1.045	1.098	1.034	0.933	0.981	1.028
Pasta	0.233	0.286	0.230	0.228	0.222	0.319
Canton	0.436	0.508	0.444	0.399	0.384	0.491
Fresh miki	0.522	0.566	0.485	0.512	0.447	0.332
Instant noodles	3.522	3.064	2.817	2.399	2.499	1.881
Pandesal	5.232	4.351	3.854	3.723	3.558	3.599

\* In liter per person

Table 22. Estimated annual per capita consumption by commodity and ratio of working members 15 years old and over, Philippines, 2008-2009

(in kilogram per person)

Commodity	≤ 20%	21 - 39%	40 - 59%	60 - 79%	80 - 100%
Rice (plain)	113.230	117.339	122.032	125.233	138.490
Corn	9.415	6.607	5.857	7.720	8.030
Camote	4.068	4.037	3.775	4.131	6.799
Cassava	3.609	3.151	2.713	2.712	3.750
Gabi	0.926	1.010	1.025	1.198	1.701
White Potato	0.522	0.596	0.894	1.157	1.377
Cabbage	0.984	1.181	1.556	1.653	1.991
Pechay	0.713	0.856	1.029	1.008	1.327
Ampalaya	1.946	2.408	2.845	3.179	3.769
Eggplant	3.413	4.006	4.679	5.269	5.538
Chayote	1.324	1.452	1.607	1.891	2.100
Okra	0.975	1.196	1.381	1.746	1.882
Squash	2.071	2.336	2.622	2.966	2.908
Tomato	1.864	2.395	3.043	3.465	4.440
Stringbeans	1.843	2.197	2.503	2.832	3.236
Habitchuelas	0.176	0.239	0.295	0.307	0.397
Mongo	0.649	0.769	0.893	0.987	1.083
Onion	1.436	1.757	2.171	2.516	2.889
Garlic	0.945	1.145	1.493	1.795	2.288
Banana	12.575	16.233	18.165	19.949	26.282
Mango (ripe)	2.218	2.919	3.513	4.161	5.720
Pineapple	0.794	1.168	1.349	1.578	2.048
Papaya (ripe)	1.569	2.040	2.172	2.796	3.240
Beef	0.898	1.094	1.420	1.820	1.985
Pork	6.560	8.453	10.821	11.919	13.854
Carabeef	0.192	0.211	0.219	0.219	0.186
Chevon	0.039	0.043	0.065	0.060	0.113
Chicken	5.851	7.263	9.104	9.846	13.234
Chicken Egg	2.287	3.108	3.533	3.921	4.333
Fresh/pasteurized milk*	0.078	0.115	0.203	0.176	0.296
Milkfish	2.726	3.824	4.929	5.590	7.938
Tilapia	3.420	4.292	5.397	6.369	7.569
Roundscad	4.778	5.220	5.482	5.952	7.255
Bihon	0.772	1.038	1.141	1.124	1.544
Pasta	0.180	0.216	0.302	0.358	0.478
Canton	0.362	0.462	0.505	0.467	0.471
Fresh miki	0.309	0.537	0.558	0.598	0.819
Instant noodles	2.621	2.795	2.993	3.098	3.653
Pandesal	3.316	4.048	4.411	5.065	5.226

\* In liter per person

Table 23. Estimated annual per capita consumption by commodity and classification of barangays, Philippines, 2008-2009

(in kilogram per person)

Commodity	Urban	Rural	All
Rice (plain)	114.400	122.980	119.080
Corn	1.872	11.440	7.072
Camote	2.444	5.460	4.056
Cassava	1.612	4.368	3.120
Gabi	0.520	1.456	1.040
White Potato	1.040	0.468	0.728
Cabbage	1.612	1.092	1.300
Pechay	0.988	0.832	0.884
Ampalaya	2.652	2.444	2.548
Eggplant	4.160	4.316	4.212
Chayote	1.976	1.196	1.508
Okra	1.144	1.404	1.300
Squash	2.080	2.756	2.444
Tomato	2.964	2.340	2.600
Stringbeans	1.924	2.652	2.288
Habitchuelas	0.312	0.208	0.260
Mongo	0.780	0.832	0.832
Onion	2.184	1.716	1.924
Garlic	1.508	1.144	1.300
Banana	14.248	18.668	16.692
Mango (ripe)	3.588	2.756	3.172
Pineapple	1.196	1.248	1.196
Papaya (ripe)	1.612	2.444	2.080
Beef	1.560	0.988	1.248
Pork	10.660	7.904	9.152
Carabeef	0.156	0.260	0.208
Chevon	0.052	0.052	0.052
Chicken	9.932	6.136	7.904
Chicken Egg	3.744	2.704	3.172
Fresh/pasteurized milk*	0.156	0.156	0.156
Milkfish	5.512	3.068	4.212
Tilapia	5.928	3.692	4.680
Roundscad	5.564	5.148	5.356
Bihon	0.884	1.196	1.040
Pasta	0.364	0.208	0.260
Canton	0.416	0.468	0.468
Fresh miki	0.468	0.572	0.520
Instant noodles	3.120	2.652	2.860
Pandesal	5.408	3.068	4.160

\* In liter per person

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