

APPENDIX B

Republic of the Philippines
Department of Agriculture and Natural Resources
AGRICULTURAL ECONOMICS DIVISION
Manila

CROP AND LIVESTOCK SURVEY — 1955

DESIGN OF THE SURVEY

Sampling procedure. A total of 12,286 sample farms was taken out of the 1,638,624 farms in the Philippines as reported in the 1948 Census of Agriculture, or about one sample for every 133 farms.

The multi-stage sampling design was used. Towns were selected in the first stage; barrios, in the second stage; and farm households in the third.

In the selection of sample towns and sample barrios, the unrestricted random sampling method was used; while in the identification of sample farm households, the method used was systematic sampling with a random start.

Establishment of number and identification of sample towns and sample barrios. By treating each province as a stratum and by dividing the total farms in each province by 133 as reported in the 1948 Census of Agriculture, the number of sample farms per province was obtained.

An arbitrary rule was used in figuring the number of sample towns. If the number of sample farms in a province was less than 150, the number of sample towns was determined by dividing the number of sample farms by 20; if sample farms were 150 or more, the divisor used was 30. A total of 422 sample towns was used in the survey.

Identification of sample towns in each stratum was done by using random numbers. After listing and numbering consecutively the names of all towns in each stratum, random numbers which equalled the desired number of sample towns were drawn from the table. The selection of the town was done with replacement.

Allocation of sample farms was made in proportion to the number of farms in each sample town. To determine the num-

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ber of sample barrios in each sample town, the number of sample farms in each sample town was divided by 10. In the survey, the number of sample barrios involved was 1,267.

The method of identifying the sample barrios was the same as that used in the sample towns.

All sample farms were distributed among the sample barrios as equally as possible.

Selection of sample farms — The sampling unit used in the survey was a farm as defined in the 1948 Census of Agriculture but selection was done by approaching farm households. Thus, a listing of heads of families in all farm households in the sample barrios became necessary. The list included resident and non-resident operators in the same or different households raising crops and/or livestock on at least 1/10 hectare of land located in the sample barrio.

The selection of sample farms was done systematically, with the first sample being taken at random and the rest of the samples being selected at every 3rd, 4th or 5th farm, depending on the total number of farming households and number of sample farms.

APPENDIX C

Procedure in computing the cost of production of selected crops.

1.

$$\bar{X} = \frac{1}{\sum_{h=1}^{nh} Y_h} \sum_{h=1}^{nh} X_h \quad ; \quad \bar{X}_r = \frac{1}{Y_h} X_h$$

Where:

\bar{X}_r = The average cost of production of crop per hectare for all regions.

X_r = The average cost of production of crop by region.

X_h = Total cost of production of crop of all sub-sample farms in h region.

Y_h = Total number of hectares of all sub-sample farms planted with crop in h region.

$h = 1, 2, \dots, nh$ ($nh =$ number of regions)

$$2. \quad X_h = \sum_{i=1}^{n_i} X_{hi} \quad ; \quad Y_h = \sum_{i=1}^{n_i} Y_{hi}$$

Where:

X_h and Y_h = Same as in equation 1.

X_{hi} = Total cost of production of crop of all sub-farms in i province of h region

$i = 1, 2, \dots, n_i$ ($n_i =$ number of provinces)

$$3. \quad X_{hi} = \sum_{j=1}^{n_i} X_{hij} \quad ; \quad Y_{hi} = \sum_{j=1}^{n_i} Y_{hij}$$

Where:

X_{hi} and Y_{hi} = Same as in equation 2.

X_{hij} = Total cost of production of crop in the i sub-sample farm in the i province of the h region.

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Y_{hij} = Total number of hectares planted with crop in the i sample farms of the i province of the h region.

$j = 1, 2, \dots, n_j$ (n_j = number of sub-sample farms)

$$4. \quad X_{hij} = \sum_{k=1}^{n_k} X_{hijk}$$

Where:

X_{hij} = The same as in equation 3.

X_{hijk} = The characteristic of the j sub-sample farm in the i province of the h region.

$k = 1, 2, \dots, n_k$ (n_k = number of characteristic)

Note: The characteristics of the sample farm are the value of items contributing to the cost of production of crops. These different items as used in this study are indicated in the schedules for selected crops studied in Appendix B.

Appendix Table 11

Rice — Production and Apparent Consumption Based on Rice Disappearance, Philippines

| Year | Total Population as of July 1 ^a | Total Production | Allowance for Seeds, Animal Feeds, Industrial Uses, Etc. ^c | Domestic Production Available For Food ^d | Net Import | Total Supply ^e | Gross Annual Per Capita Supply ^f |
|------|--|-------------------------|---|---|----------------------|---------------------------|---|
| | Number | Cavans | Cavans | Cavans | Cavans | Cavans | Cavans |
| 1949 | 19,508,700 | 28,876,300 | 2,021,340 | 26,854,960 | 2,481,380 | 31,357,680 | 1.61 |
| 1950 | 19,620,500 | 30,206,590 | 2,114,460 | 28,092,130 | (147,430) | 30,059,160 | 1.51 |
| 1951 | 20,259,500 | 30,326,330 | 2,122,340 | 33,892,560 | 1,948,620 | 32,274,950 | 1.59 |
| 1952 | 20,645,600 | 32,810,910 | 2,296,760 | 34,305,170 | 1,123,940 | 33,934,850 | 1.64 |
| 1953 | 21,039,200 | 36,443,610 | 2,551,050 | 34,525,870 | (95,270) | 36,348,340 | 1.73 |
| 1954 | 21,440,200 | 36,887,280 | 2,582,100 | 35,285,030 | 626,780 | 37,514,060 | 1.75 |
| 1955 | 21,848,800 | 37,124,590 | 2,593,720 | 36,264,790 | 1,214,550 | 38,339,140 | 1.75 |
| 1956 | 22,265,300 | 37,940,890 | 2,655,860 | 28,203,490 | 706,090 | 38,646,980 | 1.74 |
| 1957 | 22,689,700 | 38,994,400 ^g | 2,729,610 | 30,514,150 | 337,500 ^h | 39,381,900 | 1.73 |

^a Estimates of the Bureau of the Census and Statistics.

^b Milling percentage based on 51 per cent by volume.

^c Computed on the basis of 7 per cent of total production.

^d Total production minus allowance for seeds, animal feeds, industrial uses, etc.

^e Total production plus net import.

^f Total supply divided by total population.

^g June 1st forecast.

^h January to March, 1957 imports.

Appendix Table 12
Coffee — Yearly Per Capita Consumption
(In Kilograms)

| Year | Production | Imports | Exports and Re-Exports | Total Supply Available For Food | Per Capita Consumption |
|------|------------|------------|------------------------|---------------------------------|------------------------|
| 1946 | 3,085,490 | 6,595,857 | 61,804 | 9,619,543 | 0.52 |
| 1947 | 4,373,320 | 9,137,083 | 739 | 13,509,664 | 0.72 |
| 1948 | 3,877,220 | 11,966,529 | 581 | 15,843,168 | 0.83 |
| 1949 | 3,798,200 | 12,840,028 | 3 | 16,638,225 | 0.85 |
| 1950 | 3,967,150 | 3,041,715 | ... | 7,008,865 | 0.35 |
| 1951 | 4,640,350 | 4,682,662 | ... | 9,323,012 | 0.46 |
| 1952 | 4,965,200 | 1,176,924 | ... | 6,142,124 | 0.30 |
| 1953 | 5,710,400 | 1,785,186 | ... | 7,495,586 | 0.36 |
| 1954 | 6,100,000 | 1,650,416 | 182 | 7,750,234 | 0.36 |
| 1955 | 7,000,000 | 2,398,474 | 28 | 9,398,446 | 0.43 |
| 1956 | 7,100,000 | 2,037,750 | 52 | 9,137,698 | 0.41 |

Note: Tables 11 to 26 are appendix tables of **Long Range Requirements for Selected Foods in the Philippines**, by Hugh L. Cook, Dimas A. Maulit, and Jose M. Lawas, which appeared in the **PHILIPPINE STATISTICIAN**, September, 1958.

Appendix Table 13
Cacao — Yearly Per Capita Consumption
(In Kilograms)

| Year | Production | Imports | Exports and Re-Exports | Total Supply Available For Food | Per Capita Consumption |
|------|------------|-----------|------------------------|---------------------------------|------------------------|
| 1946 | 622,820 | 2,052,423 | | 2,617,790 | 0.14 |
| 1947 | 799,240 | 2,444,015 | 57,453 | 3,236,192 | 0.17 |
| 1948 | 681,740 | 3,147,759 | 7,063 | 3,823,469 | 0.20 |
| 1949 | 660,000 | 4,004,025 | 6,030 | 4,663,975 | 0.24 |
| 1950 | 716,210 | 1,509,337 | 50 | 2,225,547 | 0.11 |
| 1951 | 758,810 | 1,915,349 | ... | 2,674,159 | 0.15 |
| 1952 | 1,260,000 | 1,976,121 | ... | 3,236,121 | 0.16 |
| 1953 | 1,377,930 | 2,281,449 | ... | 3,659,339 | 0.17 |
| 1954 | 1,400,000 | 1,832,940 | 40 | 3,232,940 | 0.15 |
| 1955 | 1,500,000 | 2,128,538 | ... | 3,628,538 | 0.16 |
| 1956 | 1,500,000 | 2,180,945 | ... | 3,680,945 | 0.17 |

Appendix Table 14
Tomatoes — Yearly Per Capita Consumption
(In Kilograms)

| Year | Production | Net Import ^a | Total Supply Available For Food | Per Capita Consumption |
|------|------------|-------------------------|---------------------------------|------------------------|
| 1946 | 11,031,630 | 3,008,558 | 14,040,188 | 0.76 |
| 1947 | 9,614,920 | 3,048,616 | 13,563,536 | 0.72 |
| 1948 | 8,668,400 | 4,337,495 | 13,005,895 | 0.68 |
| 1949 | 14,548,500 | 5,049,183 | 19,597,683 | 1.00 |
| 1950 | 16,433,190 | 507,629 | 16,940,819 | 0.85 |
| 1951 | 22,158,100 | 2,248,665 | 24,406,765 | 1.20 |
| 1952 | 42,792,000 | 2,323,534 | 45,115,534 | 2.19 |
| 1953 | 53,311,700 | 1,518,961 | 54,830,661 | 2.61 |
| 1954 | 57,412,600 | 1,905,397 | 59,317,997 | 2.77 |
| 1955 | 58,553,110 | 1,249,692 | 59,802,802 | 2.74 |
| 1956 | 58,841,090 | 784,820 | 59,625,910 | 2.68 |

^a Includes canned, juices, sauce and catsup.

Appendix Table 15
Banana — Yearly Per Capita Consumption
(In Kilograms)

| Year | Production * | Per Capita Consumption |
|------|--------------|------------------------|
| 1946 | 139,289,680 | 7.56 |
| 1947 | 184,456,000 | 9.82 |
| 1948 | 138,722,000 | 7.25 |
| 1949 | 153,913,600 | 7.89 |
| 1950 | 161,392,800 | 8.12 |
| 1951 | 184,651,680 | 9.11 |
| 1952 | 201,039,750 | 9.74 |
| 1953 | 263,078,000 | 12.50 |
| 1954 | 283,674,500 | 13.23 |
| 1955 | 294,800,090 | 13.49 |
| 1956 | 303,218,400 | 13.62 |

* Data from 1946 to 1948 is computed on the average of 4.0 kilograms per bunch.

Appendix Table 16
Sugar (Centrifugal) — Yearly Per Capita Consumption
(In Kilograms)

| Year | Total Domestic Consumption | Per Capita Consumption |
|------|----------------------------|------------------------|
| 1946 | 30,016,000 | 1.63 |
| 1947 | 126,152,000 | 6.72 |
| 1948 | 174,436,000 | 9.11 |
| 1949 | 192,955,000 | 9.89 |
| 1950 | 214,574,000 | 10.79 |
| 1951 | 236,441,000 | 11.67 |
| 1955 | 279,063,000 | 13.52 |
| 1953 | 292,776,000 | 13.92 |
| 1954 | 294,400,000 | 13.73 |
| 1952 | 330,919,000 | 15.15 |
| 1956 | 226,756,000 | 10.18 |

Appendix Table 17

Coconut Oil — Yearly Per Capita Consumption
(In Kilograms)

| Year | Consumption Total Domestic | Per Capita Consumption |
|------|-------------------------------|---------------------------|
| 1946 | 43,124,070 | 2.34 |
| 1947 | 63,458,180 | 3.38 |
| 1948 | 57,527,270 | 3.01 |
| 1949 | 53,407,090 | 2.74 |
| 1950 | 63,461,240 | 3.19 |
| 1951 | 65,312,290 | 3.22 |
| 1952 | 53,856,730 | 2.61 |
| 1953 | 99,871,420 | 4.75 |
| 1954 | 101,490,000 | 4.73 |
| 1955 | 116,615,000 | 5.34 |
| 1956 | 115,226,000 | 5.18 |

Appendix Table 18

Beef (Including carabao meat)—Yearly Per Capita Consumption

| Year | PRODUCTION ^a | | NET IMPORTS | | Total Supply Available For Food | Per Capita Consumption |
|-------------------|---|----------------------|--|----------------------------|---------------------------------|------------------------|
| | Dressed Meat Weight ^b Cattle | Carabao ^c | Canned Beef & Corned Beef ^d | Fresh & Frozen Beef & Veal | | |
| 1946 | 7,504,161 | 8,202,400 | 2,165,808 | 12,009 | 17,872,878 | 0.97 |
| 1947 | 7,398,194 | 6,948,000 | 6,510,320 | 95,793 | 20,947,307 | 1.12 |
| 1948 | 6,701,307 | 8,679,360 | 10,143,473 | 429,323 | 25,953,463 | 1.30 |
| 1949 | 7,514,454 | 9,412,160 | 6,392,948 | 621,518 | 23,941,080 | 1.23 |
| 1950 | 7,206,087 | 9,452,960 | 2,475,303 | 343,517 | 19,477,867 | 0.98 |
| 1951 | 7,728,633 | 10,512,320 | 8,297,905 | 388,717 | 26,877,575 | 1.33 |
| 1952 | 8,153,466 | 12,104,160 | 4,759,260 | 119,781 | 25,136,667 | 1.22 |
| 1953 | 8,138,238 | 12,509,280 | 6,802,540 | 219,874 | 27,669,932 | 1.31 |
| 1954 | 10,710,501 | 8,172,320 | 11,291,005 | 2,014,798 | 32,188,624 | 1.50 |
| 1955 | 11,981,475 | 19,360 | 13,076,013 | 3,179,672 | 28,256,520 | 1.29 |
| 1956 ^e | 12,539,976 | 1,326,560 | 18,667,863 | 5,003,485 | 37,537,884 | 1.69 |

^a Total number slaughtered in Manila, chartered cities and municipalities.

^b Converted to dressed meat weight of 141 kilograms per head for cattle and 160 kilograms per head for carabao.

^c 1954 production is from July 1, 1953 up to the time the Carabao Ban took effect; 1955 and 1956 are from those of chartered cities and municipalities slaughter houses.

^d Converted to dressed meat weight: Net imports times 2.5.

^e Net imports is preliminary.

Sources of basic data: Bureau of the Census and Statistics & Bureau of Animal Industry.

Appendix Table 19

Pork — Yearly Per Capita Consumption
(In Kilograms)

| Year | Production ^a | Import ^b | Exports and Re-Exports | Total Prod. Available For Food | Per Capita Consumption |
|------|-------------------------|---------------------|------------------------|--------------------------------|------------------------|
| 1947 | 19,849,774 | 70,291 | 971 | 19,919,094 | 1.06 |
| 1948 | 23,934,211 | 180,899 | ... | 24,115,110 | 1.26 |
| 1949 | 27,270,199 | 274,018 | ... | 27,544,217 | 1.41 |
| 1950 | 26,403,923 | 49,343 | ... | 26,453,266 | 1.33 |
| 1951 | 37,957,182 | 79,952 | ... | 38,037,134 | 1.88 |
| 1952 | 44,800,625 | 21,206 | ... | 44,821,831 | 2.17 |
| 1953 | 37,527,905 | 36,622 | ... | 37,564,527 | 1.79 |
| 1954 | 41,956,725 | 16,104 | ... | 41,972,829 | 1.96 |
| 1955 | 50,442,348 | 33,804 | ... | 50,476,152 | 2.31 |
| 1956 | 53,313,128 | 14,953 | ... | 53,328,081 | 2.40 |

^a Includes quantity of pork produced from hogs slaughtered in Manila, chartered cities and municipalities.

^b Includes fresh, chilled or frozen and canned pork.

Appendix Table 20

Chicken — Yearly Per Capita Consumption
(In Kilograms)

| Year | Production ^a | Import ^b | Exports and Re-Exports | Total Supply Available For Food | Consumption Per Capita |
|------|-------------------------|---------------------|------------------------|---------------------------------|------------------------|
| 1946 | 7,883,700 | 24,285 | ... | 7,907,985 | 0.43 |
| 1947 | 10,377,400 | 34,995 | ... | 10,412,395 | 0.55 |
| 1948 | 16,589,100 | 51,298 | ... | 16,640,398 | 0.87 |
| 1949 | 24,102,100 | 24,873 | ... | 24,126,973 | 1.24 |
| 1950 | 27,758,500 | 6,571 | ... | 27,765,071 | 1.40 |
| 1951 | 30,860,500 | 2,281 | ... | 30,862,781 | 1.52 |
| 1952 | 35,299,000 | 21,311 | 509 | 35,319,802 | 1.71 |
| 1953 | 41,131,200 | 14,340 | 123 | 41,145,417 | 1.96 |
| 1954 | 43,785,500 | 7,532 | 185 | 43,792,847 | 2.04 |
| 1955 | 49,042,400 | 4,360 | 42 | 49,046,718 | 2.24 |
| 1956 | 54,753,347 | 1,577 | ... | 54,754,904 | 2.46 |

^a Computed on the average dressed weight of 1.1 kilograms per bird.

^b Includes chickens and guineas.

Appendix Table 21

Fish — Yearly Per Capita Consumption

| Year | Production | Imports ^a | Exports and Re-Exports | Total Supply Available For Food | Per Capita Consumption |
|------|-------------|----------------------|------------------------------|---------------------------------------|---------------------------|
| 1946 | 96,007,086 | 21,278,373 | 237,751 | 117,047,708 | 6.35 |
| 1947 | 251,449,889 | 43,048,441 | 1,658,273 | 292,840,057 | 15.59 |
| 1948 | 195,078,483 | 35,593,449 | 253,821 | 230,418,111 | 12.04 |
| 1949 | 238,003,124 | 51,240,890 | 197,822 | 289,046,192 | 14.82 |
| 1950 | 220,189,683 | 28,259,918 | 126,426 | 248,323,175 | 12.49 |
| 1951 | 296,089,602 | 44,627,444 | 143,315 | 340,573,731 | 16.81 |
| 1952 | 313,059,753 | 22,809,664 | 158,129 | 335,711,288 | 16.26 |
| 1953 | 305,626,141 | 29,347,744 | 166,360 | 334,809,522 | 15.91 |
| 1954 | 343,624,087 | 23,242,585 | 145,087 | 366,722,485 | 17.10 |
| 1955 | 362,927,057 | 48,461,481 | 221,419 | 411,183,489 | 18.81 |
| 1956 | 393,648,176 | 44,948,681 | 133,051 | 436,571,440 | 19.61 |

^a Fish meal excluded.

Sources of basic data: Bureau of Fisheries; Bureau of the Census and Statistics.

Appendix Table 22

National Income and Per Capita Income of the Philippines

| Year | National Income at Factor Cost (Million Pesos) | Population ^a | Per Capita (Pesos) |
|-------------------|--|-------------------------|-----------------------|
| 1938 | 1,037 | 16,000,303 | 64.81 |
| 1946 | 4,202 | 18,609,200 | 225.80 |
| 1947 | 5,364 | 18,963,900 | 282.85 |
| 1948 | 5,511 | 19,325,400 | 285.17 |
| 1949 | 5,464 | 19,693,700 | 277.45 |
| 1950 | 5,922 | 20,069,100 | 295.08 |
| 1951 | 6,487 | 20,451,700 | 317.19 |
| 1952 | 6,554 | 20,841,500 | 314.47 |
| 1953 | 7,015 | 21,238,700 | 330.29 |
| 1954 | 7,145 | 21,643,600 | 330.12 |
| 1955 | 7,624 | 22,056,100 | 345.66 |
| 1956 ^b | 8,335 | 22,476,500 | 370.83 |

Source of basic data: Department of Economic Research, Central Bank of the Philippines.

^a Estimate of the Bureau of the Census and Statistics as of January 1 of the following year.

^b Ex. For 1956, as of January 1, 1957.

Appendix Table 23

Average Retail Prices of Different Major Food Crops

(Source: Records of DANR)

| Year | Rice | Corn | Coffee | Cacao | Tomato | Camote | Banana | Sugar | Coco Oil | Beef | Pork | Chicken | Fish |
|------|--------|--------|--------|-------|--------|--------|--------|-------|----------|------|-------|---------|-------|
| | Cavans | Cavans | Kilos | Kilos | Kilos | Kilos | Kilos | Kilos | Kilos | Kilo | Kilos | Kilos | Kilos |
| 1946 | 43.68 | 26.48 | — | — | 5.08 | — | 0.35 | 1.62 | 0.56 | 4.60 | 3.49 | 3.71 | 5.37 |
| 1947 | 27.68 | 22.14 | 1.56 | — | 1.36 | 0.22 | 0.20 | 0.21 | 0.96 | 3.85 | 2.46 | 3.52 | 2.79 |
| 1948 | 27.42 | 19.63 | — | — | 1.16 | 0.20 | 0.18 | 0.20 | 0.97 | 3.36 | 2.12 | 2.93 | 2.89 |
| 1949 | 26.99 | 15.29 | 1.07 | 2.20 | 0.86 | 0.20 | 0.36 | 0.21 | 0.62 | 3.28 | 2.10 | 2.52 | 2.26 |
| 1950 | 21.09 | 12.55 | 1.70 | 2.22 | 0.71 | 0.16 | 0.10 | 0.22 | 0.68 | 2.93 | 2.20 | 2.41 | 2.12 |
| 1951 | 25.49 | 15.06 | 2.60 | 3.47 | 0.69 | 0.19 | 0.42 | 0.21 | 0.70 | 3.00 | 2.21 | 3.45 | 2.11 |
| 1952 | 24.18 | 12.67 | 2.35 | 2.91 | 0.69 | 0.24 | 0.41 | 0.23 | 0.47 | 3.00 | 2.19 | 2.95 | 2.02 |
| 1953 | 18.72 | 11.55 | 2.45 | 3.16 | 0.58 | 0.15 | 0.27 | 0.24 | 0.69 | 3.00 | 2.13 | 2.89 | 2.02 |
| 1954 | 18.53 | 11.07 | 2.51 | 4.59 | 0.44 | 0.19 | 0.26 | 0.24 | 0.57 | 3.42 | 2.13 | 2.64 | 1.96 |
| 1955 | 19.72 | 11.87 | 2.38 | 3.32 | 0.26 | 0.17 | 0.17 | 0.22 | 0.48 | 3.40 | 2.10 | 2.35 | 2.26 |
| 1956 | 18.90 | 12.02 | 2.43 | 3.18 | 0.46 | 0.14 | 0.20 | 0.22 | 0.45 | 3.25 | 2.12 | 2.40 | 2.24 |

Note: Cacao and tomato are wholesale price.

Appendix Table 24
All Items Wholesale Price Index, Manila, Philippines
(1955 = 100)

| Year | Index |
|------------|--------------------|
| 1947 | 126.6 ¹ |
| 1948 | 116.8 ¹ |
| 1949 | 109.8 |
| 1950 | 106.5 |
| 1951 | 119.6 |
| 1952 | 109.4 |
| 1953 | 108.3 |
| 1954 | 102.7 |
| 1955 | 100.0 |
| 1956 | 103.1 |

¹ Estimated from cost of living index.

Source: Reports of Central Bank of the Philippines.

Appendx Table 25

Monthly Average Household Expenditures on Selected Commodities in Metropolitan Manila by Income Level, 1954 (Pesos per Month)

| Income Level | No. of House-Holds | Grains | | Fish (fresh) | M e a t | | | Root Crops | | Beans Dried | Tomatoes | Bananas |
|--------------|--------------------|--------|-------------|--------------|---------|-------|---------|------------|------------------------|-------------|----------|---------|
| | | Rice | For Animals | | Beef | Pork | Chicken | Camote | Upo, Gabi, Beans, etc. | | | |
| 0- 99 | 110 | 14.32 | — | 5.50 | 2.62 | 3.18 | 3.10 | 1.08 | .90 | .82 | .73 | 1.16 |
| 100-199 | 260 | 20.43 | 3.18 | 11.09 | 4.60 | 5.76 | 6.84 | .73 | 1.38 | .82 | 1.12 | 2.37 |
| 200-299 | 115 | 26.88 | 3.23 | 15.48 | 8.04 | 7.91 | 8.04 | .73 | 1.55 | 1.29 | 1.33 | 3.05 |
| 300-399 | 50 | 25.71 | 1.25 | 15.91 | 10.41 | 12.55 | 10.32 | .99 | 1.63 | 1.55 | 1.51 | 4.17 |
| 400-499 | 27 | | 6.79 | 20.43 | 10.88 | 15.18 | 10.62 | 1.72 | 2.19 | 1.42 | 2.02 | 4.56 |
| 500-599 | 18 | 22.88 | .86 | 23.69 | 13.12 | 14.79 | 10.45 | 1.16 | 1.98 | 1.33 | 1.46 | 5.89 |

| Income Level | Eggs (Chicken) | Sugar Brown | Coffee | Cocoa | Coca-Cola |
|--------------|----------------|-------------|--------|-------|-----------|
| 0- 99 | 1.42 | 1.38 | 1.72 | .90 | .95 |
| 100-199 | 3.23 | 2.02 | 2.71 | 2.62 | 1.46 |
| 200-299 | 4.52 | 2.75 | 3.87 | 4.21 | 2.41 |
| 300-399 | 5.72 | 2.58 | 4.17 | 4.90 | 3.70 |
| 400-499 | 6.19 | 3.40 | 5.93 | 2.58 | 3.01 |
| 500-599 | 5.72 | 3.35 | 5.25 | — | 8.17 |

Source of Basic Data:

Sample surveys of households in Metropolitan Manila conducted by the Central Bank in September-November 1954 in two rounds of 308 sample households each (Sampling fraction—1/1000). Households with income levels of P600 and over are excluded.

Appendix Table 26
Summary — Regression Table

| Food Items | a | ^b 12.34 | ^b 13.34 | ^b 14.23 | R1.234 | R1.234 |
|-------------------------|----------|--------------------|--------------------|--------------------|--------|--------|
| Rice | 1.9455 | .0019 | -.0069 | -.0071 | .7000 | .8367 |
| Corn | 2333 | .0021 | .0036 | .0011 | .5652 | .7518 |
| Coffee | -1.1411 | .0033 | -.3778 | .0125 | .6730 | .8204 |
| Cacao | .4547 | -.0003 | -.0079 | -.0016 | .1154 | .3397 |
| Sweet Potato (Camote). | -1.8206 | .1891 | -35.5434 | -.2284 | .8822 | .9393 |
| Tomatoes | -1.1178 | .0190 | -.3525 | -.0260 | .8257 | .9087 |
| Sugar (Centrifugal) . . | 21.4509 | .0079 | -11.4563 | -.0788 | .6163 | .7850 |
| Bananas | -7.5830 | .0645 | -9.6424 | .0038 | .8064 | .8980 |
| Coconut Oil | -1.7069 | .0340 | 4.0803 | -.0714 | .8468 | .9202 |
| Beef | -1.1880 | .0053 | .1851 | .0020 | .5773 | .7598 |
| Pork | -.5801 | .0127 | -.6879 | -.0015 | .8371 | .9149 |
| Chicken | 2.7392 | .0107 | .4698 | -.0526 | .9900 | .9950 |
| Fish | -12.1103 | .0640 | -2.6518 | .1242 | .7693 | .8771 |