

Thailand Agricultural Census 1988 – Main Results

Please refer to the Explanatory Notes given at the end of the tables.

NUMBER AND AREA OF HOLDINGS CLASSIFIED BY SIZE OF TOTAL AREA OF HOLDINGS		
Holding size classes	Number of holdings	Area (ha)
Total	4 877 424	17 463 921
Under 1 ha	703 047	438 156
1 and under 1.6 ha	602 157	734 363
1.6 and under 6.4 ha	2 910 845	9 534 973
6.4 and under 22.4 ha	639 318	5 796 433
22.4 ha and above	22 057	959 996

LAND TENURE OF HOLDINGS	Number of holdings	Area (ha)
Total	4 873 636	17 463 921
Holdings under one form of tenure	4 461 889	15 493 815
Owned or in ownerlike possession	4 242 092	14 737 662
Rented from others	173 578	571 254
Operated under other single forms of tenure	46 219	184 899
Holdings under more than one form of tenure	411 747	1 970 106

LEGAL STATUS OF THE HOLDER	Number of holdings
Total	4 877 424
An individual or a household	4 867 502
Two or more individuals or households	8 933
Other	989

HOLDINGS BY HOUSEHOLD SIZE	Number of holdings
Total	4 876 435
1 to 3 persons	1 293 847
4 to 5 persons	2 182 247
6 to 7 persons	1 033 890
8 to 9 persons	286 255
10 persons and over	80 196

FARM POPULATION BY AGE AND SEX	Total	Male	Female
Total	22 894 060	11 479 605	11 414 455
Under 25 years	11 209 336	5 709 956	5 499 380
25 to 34 years	3 622 705	1 781 309	1 841 396
35 to 44 years	2 840 604	1 374 810	1 465 794
45 to 54 years	2 542 181	1 250 162	1 292 019
55 to 64 years	1 685 310	869 433	815 877
65 years and over	993 924	493 935	499 989

EMPLOYMENT OF HOUSEHOLD MEMBERS (11 years of age and over)	Total number of members
Engaged in agriculture work on the holding	16 552 471
Engaged in agriculture work off the holding	693 381
Not economically active	2 023 030

HIRED PERMANENT WORKERS	Total	Male	Female
Number of hired permanent workers	543 808	296 060	247 748
Number of holdings reporting use	185 709	-	-

LAND USE	Area (ha)
Total land	17 463 921
Agricultural land	16 533 531
Land under crops	16 382 287
Land under temporary crops	14 177 986
Land under permanent crops	2 204 301
Land under permanent meadows/pastures	151 244
Wood or forest land	372 004
All other land	558 386

TEMPORARY CROPS (on arable land)	Number of holdings reporting	Area (ha)
Rice	3 754 361	10 225 132
Maize	558 993	1 458 194
Sugarcane	125 844	548 005
Cassava	819 710	1 680 285
Soybeans	188 089	258 379
Kenaf	143 703	126 778

PERMANENT CROPS	Number of holdings reporting
Rubber	427 407
Coffee	53 065
Coconut	1 178 664

LIVESTOCK	Number of holdings reporting	Total number of head
Cattle	822 043	4 798 872
Buffaloes	1 821 956	5 300 195
Pigs	778 113	4 040 347
Chickens	3 249 177	95 172 590
Ducks	905 148	15 224 541

MACHINERY / EQUIPMENT	Number of holdings reporting use
Tractors	963 180
Power tillers	1 721 864
Threshers	736 418
Seeders	24 924
Fertilizer distributors	37 865

FERTILIZERS / PESTICIDES	Number of holdings reporting use
Fertilizers	3 826 048

Thailand Agricultural Census 1988 – Explanatory Notes

Historical outline: The first Agricultural Census in Thailand was conducted in 1950, the second in 1963, the third in 1978; the fourth agricultural census, initially planned for 1988, was postponed to 1993 to follow the 1990 Population Census. During the period 1978-1993 two Intercensal Surveys of Agriculture, in 1983 and in 1988, were carried out. The 1993 census results are still expected and will be reported when available; in the meanwhile, notes and data of the 1988 Agricultural Survey are presented.

Organization: The 1988 Intercensal Survey of Agriculture was organized and conducted by the Agricultural Statistics Section - Economic Statistics Branch - Economic Survey Division of the National Statistical Office. There were 500 permanent field staff of the National Statistical Office involved in listing all households in sampled villages.

Enumeration period: The Enumeration Day was 1 May 1988.

Reference date: Data on legal status of the holder, farm population, permanent crops, number of livestock and number of machinery and equipment refer to the day of enumeration. Data on type of activity of household members, temporary crops, use of fertilizers and source of machinery refer to the agricultural year 1 May 1987 - 30 April 1988. Reference date for area of holdings, land tenure and land use is 1 October 1987.

Definition: A holding is an economic unit of agricultural production reporting at least:

- 0.32 Ha of operated area, or
- 5 cattle or buffaloes or pigs, or
- 100 ducks or chickens, or
- an income of 6000 baht (about US \$240), earned from selling crops or animals or animal products during the 12 months preceding the census.

Coverage: All agricultural holdings located outside the municipal areas of the Provinces were covered. The agricultural holdings located in 11 districts of special agricultural interest of the suburban areas of Bangkok Metropolis were also covered.

Frame: For the selection of the Primary Sampling Unit (PSU), a listing of all villages was made; for the selection of the Secondary Sampling Unit (SSU), a list of all households in the PSU was drawn up.

Methods: A stratified two-stage sampling design was adopted for the survey. Regions, consisting of provinces, were stratified into four primary strata. Provinces were in turn stratified into 73 sub-strata and, in each province, the villages were divided into three groups based on different areas of planted rice. Villages were the first stage sampling units (PSU) and holders the second stage sampling units (SSU). Enumerators were sent out to visit all heads of households and to fill in the listing form in 6000 sampled out of 59,408 villages. Then, 120,000 sample holdings throughout the whole country were selected and interviewed. Detailed information was recorded in the enumeration form.

Data source: National Statistical Office - Office of the Prime Minister - Report of the 1988 Intercensal Survey of Agriculture (Whole Kingdom), 1992.

Mailing address: Agricultural Statistics Section - Economic Statistics Branch - Economic Survey Division of the National Statistical Office, Office of the Prime Minister. Bangkok, Thailand; Tel. 282 - 1518.